

NEAR EAST UNIVERSITY



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FACULTY OF ENGINEERING
B.Sc. COMPUTER ENGINEERING

GRADUATION PROJECT

TITLE: HOTEL MANAGEMENT
USING FOXPRO PROGRAMMING

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AKNOWLEDGEMENT

Firstly I would like to thank so much to my family and especially to my dear parents who supported me through all my life until this moment.

Also I would like to thank my supervisor *Miss. Besime Erin* who has provided me with invaluable help and advice through all stages of my under graduate study. She taught me FoxPro in tow courses and then completed her favor by taking the responsibility of supervising me in my final graduation project.

Special thanks for my teachers who's encourage me and create me supportly. And Special thanks to all my friends whose stand beside me in the hard time due preparing my project.



ABSTRACT

As the information age has affected every aspect of our life, the need for computerizing many information systems has raised. One of the important branches that are affected by information revolution is the database management system.

This project is concerned about using computer program in hotel management system. It's written using FoxPro programming language, which is one of the best and strongest database languages.

This project is a complete hotel management program, which covers all services needed in most hotels, such as guest related information, rooms, employees, goods and other management related services.

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INTRODUCTION

Now a day's, the computer science both hardware and software is being developed over the past years, programming is always providing the scientists by a systematic development, in my project I did construct special program related to Hotel Management, the hotel industry not be regarded as standing separate and unrelated to other industries, it is within this framework that the history of hotel development should be examined, new concepts in hotel design have been developed more recently in an effort to meet the changing preferences and new characteristics of the traveling public.

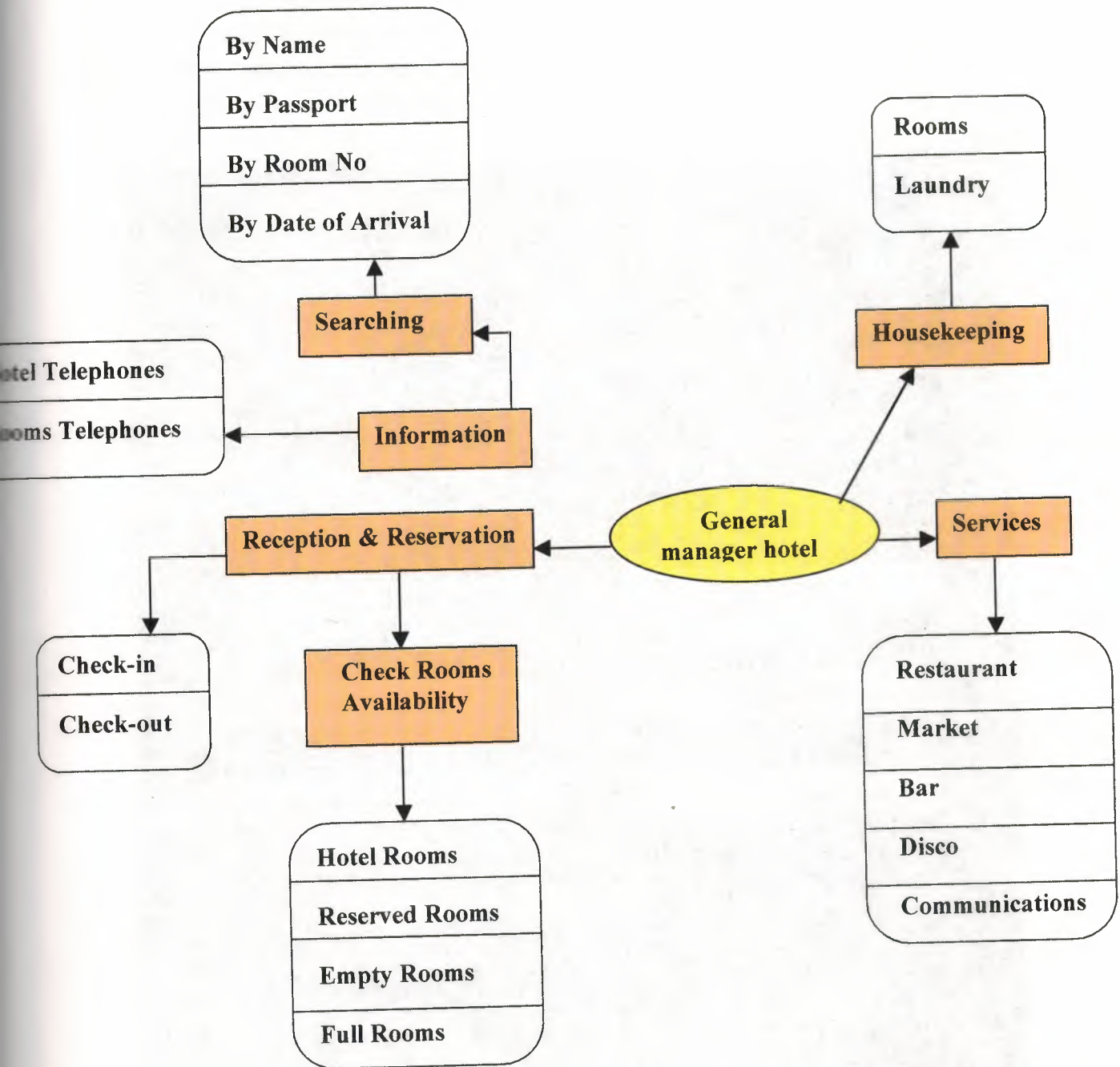
The hotel consist of many departments like, personnel department, room, food and beverages, engineering department, reservations, my project program resume that the briefly in a quick time in order to have quick and economic services, on the other hand, the hotel development is suitable for researchers and students in computer science, the development of hotel management programs is designed to help compute professionals who want to learn about this exciting field and to serve as a basic reference.

The aim of my project how to create and to develop a project in a scientific method to introduce the gab between scientific theoretical life and work normal life.

In my project, I did construct hotel management program because the availability of information is incrementally important in all over the world, how to make an cays process in order to have a quick research, data process, analysis process.

Finally, full file enclosed, full details about the project.

BLOCK DIAGRAM



MAIN MENU

The aim of the main menu is to use the program easily, faster and use all the process screens or necessary program at the same time. In the main menu consists of many options, under each option there is information about it, its divides to the following options:



CLEAR
SET SYSMENU OFF
SET SAFETY OFF
SET TALK OFF
SET STATUS BAR OFF
SET SYSMENU ON

SET CLOCK ON OFF
SET CLOCK TO 31.6,62

IF NOT WEXIST("_03r104y2t")
 DEFINE WINDOW _03r104y2t ;
 AT 0.000, 0.000 ;
 SIZE 32.077,96.000 ;
 TITLE "DIANA HOTEL" ;
 FONT "MS Sans Serif", 8 ;
 FLOAT ;
 CLOSE ;
 MINIMIZE ;
 SYSTEM ;
 FILL FILE
LOCFILE("C:\PROJECT\SPACE.BMP","BMP|ICO|PCT|ICN", ;
 "Where is space?")
 MOVE WINDOW _03r104y2t CENTER
ENDIF

IF WVISIBLE("_03r104y2t")
 ACTIVATE WINDOW _03r104y2t SAME
ELSE
 ACTIVATE WINDOW _03r104y2t NOSHOW
ENDIF

@ 1.000,29.200 SAY "DIANA HOTEL" ;
 FONT "Garamond", 20 ;
 STYLE "BIT" ;
 COLOR RGB(0,255,0,,,))
@ 4.846,23.800 SAY "GENERAL MAIN MENU " ;
 FONT "Garamond", 18 ;
 STYLE "BIT" ;
 COLOR RGB(0,255,255,,,))
@ 12.923,7.200 GET A ;
 PICTURE "@*HN Reception And Reservation" ;
 SIZE 1.278,30.167,0.667 ;
 DEFAULT 1 ;
 FONT "Trebuchet MS", 10 ;


```

STYLE "B";
VALID BT('Reservation')
@ 12.923,52.800 GET a ;
  PICTURE "@*HN Services" ;
  SIZE 1.278,30.000,0.667 ;
  DEFAULT 1 ;
  FONT "Trebuchet MS", 10 ;
  STYLE "B";
  VALID BT('Services')
@ 16.615,7.400 GET a ;
  PICTURE "@*HN Housekeeping" ;
  SIZE 1.278,30.000,0.667 ;
  DEFAULT 1 ;
  FONT "Trebuchet MS", 10 ;
  STYLE "B";
  VALID BT('House')
@ 16.615,52.600 GET a ;
  PICTURE "@*HN Information" ;
  SIZE 1.278,30.000,0.667 ;
  DEFAULT 1 ;
  FONT "Trebuchet MS", 10 ;
  STYLE "B";
  VALID BT('Information')
@ 20.077,7.400 GET a ;
  PICTURE "@*HN Print The Form" ;
  SIZE 1.278,30.000,0.667 ;
  DEFAULT 1 ;
  FONT "Trebuchet MS", 10 ;
  STYLE "B";
  VALID BT('Print')
@ 24.000,40.800 GET m.bt_exit ;
  PICTURE "@*HN \<Exit" ;
  SIZE 1.278,12.167,0.667 ;
  DEFAULT 1 ;
  FONT "Trebuchet MS", 10 ;
  STYLE "B" ;
  VALID bt('EXIT') ;
  MESSAGE 'Close Screen'
@ 20.077,52.600 GET a ;
  PICTURE "@*HN Click Here" ;
  SIZE 1.389,30.000,0.667 ;
  DEFAULT 1 ;
  FONT "Trebuchet MS", 10 ;
  STYLE "B";
  VALID BT('Click')
@ 10.615,4.200 TO 28.692,91.600 ;

```

```

    PEN 1, 1 ;
    STYLE "16" ;
    COLOR RGB(255,0,0,,,)
@ 24.385,20.600 SAY Date() ;
    SIZE 1.000,12.600 ;
    FONT "MS Sans Serif", 8 ;
    COLOR RGB(0,0,255,,,)

@ 23.846,11.200 SAY "Date:" ;
    FONT "Book Antiqua", 14 ;
    STYLE "BIT" ;
    COLOR RGB(255,255,0,,,)
@ 23.846,60.600 SAY "Time:" ;
    FONT "Book Antiqua", 14 ;
    STYLE "BIT" ;
    COLOR RGB(255,255,0,,,)

IF NOT WVISIBLE("_03r104y2t")
    ACTIVATE WINDOW _03r104y2t
ENDIF

```

```

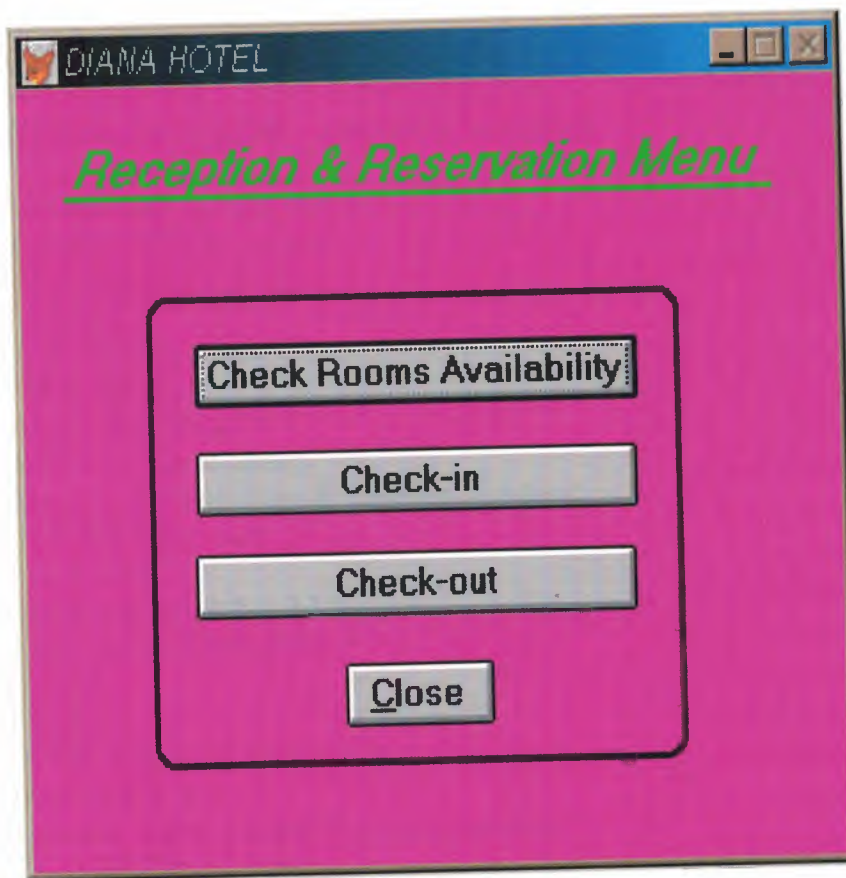
READ CYCLE
PROCEDURE BT
    PARAMETER m.btnname
    DO CASE
CASE m.btnname='Reservation'
    Do c:\project\r&r.prg
CASE m.btnname='Services'
    DO c:\project\servece.prg
CASE m.btnname='House'
    DO c:\project\keep.prg
CASE m.btnname='Information'
    Do c:\project\info.prg
CASE m.btnname='Print'
    DO c:\project\form.prg
CASE m.btnname='Click'
    DO c:\project\building.prg
CASE m.btnname='EXIT'
set sysm to defa
DEACTIVATE WINDOW _03r104y2t
RELEASE WINDOW _03r104y2t
SET CLOCK OFF
    ENDCASE
RETURN

```

RESERVATION AND RECEPTION

All hotels accept reservation or advance booking for their rooms, so a diary is the most basic form of reservation system, it records the bookings as they come in. The reservation can be continually kept in alphabetical order and removed if cancelled or amended.

Reception: for most guests the reception area is the registration desk, there greeted by a receptionist, they receive their impression of the hotel, its staff and its services. Guest relies heartily on that first impression and during their stay tends to be overcritical if it was bad and more tolerant if it was good. The main functions of reservation are:



SET TALK OFF

```
IF NOT WEXIST("_0390yr9h2")
    DEFINE WINDOW _0390yr9h2 ;
        AT 0.000, 0.000 ;
        SIZE 21.615,69.400 ;
        TITLE "DIANA HOTEL" ;
        FONT "MS Sans Serif", 8 ;
        FLOAT ;
        NOCLOSE ;
        MINIMIZE ;
        SYSTEM ;
        COLOR RGB(,,,255,0,255)
        MOVE WINDOW _0390yr9h2 CENTER
ENDIF
```

```
IF WVISIBLE("_0390yr9h2")
    ACTIVATE WINDOW _0390yr9h2 SAME
ELSE
    ACTIVATE WINDOW _0390yr9h2 NOSHOW
ENDIF
```

```
@ 16.077,27.000 GET m.exit_btn ;
    PICTURE "@*HN \<Close" ;
    SIZE 1.438,7.875,0.500 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 10 ;
    STYLE "B" ;
    VALID bt('EXIT') ;
    MESSAGE 'Close screen.'

@ 1.308,4.000 SAY "Reception & Reservation Menu" ;
    FONT "MS Sans Serif", 14 ;
    STYLE "BIT" ;
    COLOR RGB(0,255,0,0,255,0)

@ 3.000,3.800 TO 3.000,64.200 ;
    PEN 2, 8 ;
    STYLE "1" ;
    COLOR RGB(0,255,0,0,255,0)

@ 7.154,14.600 GET A ;
    PICTURE "@*HN Check Rooms Availability" ;
    SIZE 1.438,23.625,0.500 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 10 ;
    STYLE "B";
    VALID bt('Check Rooms Availability')

@ 10.154,14.600 GET A ;
    PICTURE "@*HN Check-in " ;
```



```

    SIZE 1.438,23.500,0.500 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 10 ;
    STYLE "B";
    VALID bt('Check-in')
@ 13.000,14.400 GET A ;
    PICTURE "@*HN Check-out" ;
    SIZE 1.438,23.500,0.500 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 10 ;
    STYLE "B";
    VALID bt('Check-out')
@ 5.846,10.600 TO 18.923,56.000 ;
    PEN 2, 8 ;
    STYLE "16"

```

```

IF NOT WVISIBLE("_0390yr9h2")
    ACTIVATE WINDOW _0390yr9h2
ENDIF

```

```

READ CYCLE
PROCEDURE BT
    PARAMETER m.btnname
    DO CASE
CASE m.btnname='Check Rooms Availability'
    Do c:\project\room.prg
CASE m.btnname='Check-in'
    DO c:\project\data.prg
CASE m.btnname='Check-out'
    DO c:\project\check.prg
CASE m.btnname='EXIT'
set sysm to defa
DEACTIVATE WINDOW _0390yr9h2
RELEASE WINDOW _0390yr9h2
    ENDCASE
RETURN

```

CHECKING ROOMS AVAILABILITY

The receptionist has to check all the rooms, how many rooms are available and how many rooms are full. To illustrate this the following menu can be dragged to describe room's situation.



```

SET TALK OFF
IF NOT WEXIST("_03n0wl952")
    DEFINE WINDOW _03n0wl952 ;
        AT 0.000, 0.000 ;
        SIZE 21.769,57.600 ;
        TITLE "DIANA HOTEL" ;
        FONT "MS Sans Serif", 8 ;
        FLOAT ;
        NOCLOSE ;
        MINIMIZE ;
        SYSTEM ;
        COLOR RGB(,,255,0,255)
        MOVE WINDOW _03n0wl952 CENTER
ENDIF
IF WVISIBLE("_03n0wl952")
    ACTIVATE WINDOW _03n0wl952 SAME
ELSE
    ACTIVATE WINDOW _03n0wl952 NOSHOW
ENDIF
@ 0.692,6.400 SAY "Rooms Situations Menu" ;
    FONT "MS Sans Serif", 14 ;
    STYLE "BIT" ;
    COLOR RGB(0,255,0,,,)
@ 6.231,14.800 GET A ;
    PICTURE "@*HN Hotel Rooms" ;
    SIZE 1.438,16.625,0.500 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 10 ;
    STYLE "B";
    VALID BT('Hotel')
@ 14.462,14.800 GET A ;
    PICTURE "@*HN Reserved Rooms" ;
    SIZE 1.438,16.625,0.500 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 10 ;
    STYLE "B";
    VALID BT('Reserved')
@ 11.692,14.800 GET A ;
    PICTURE "@*HN Full Rooms" ;
    SIZE 1.438,16.625,0.500 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 10 ;
    STYLE "B";
    VALID BT('Full')
@ 9.000,14.800 GET A ;
    PICTURE "@*HN Empty Rooms" ;

```

```

    SIZE 1.438,16.625,0.500 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 10 ;
    STYLE "B";
    VALID BT('Empty')
@ 17.000,22.800 GET m.btn_exit ;
    PICTURE "@*HN \<Close" ;
    SIZE 1.438,7.625,0.500 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 10 ;
    STYLE "B" ;
    VALID bt('EXIT') ;
    MESSAGE 'Close Screen'
@ 5.000,10.400 TO 19.692,46.200 ;
    PEN 2, 8 ;
    STYLE "16"
@ 2.462,6.800 TO 2.462,50.400 ;
    PEN 2, 8 ;
    STYLE "1" ;
    COLOR RGB(0,255,0,0,255,0)
IF NOT WVISIBLE("_03n0wl952")
    ACTIVATE WINDOW _03n0wl952
ENDIF
READ CYCLE
PROCEDURE BT
    PARAMETER m.btnname
    DO CASE
CASE m.btnname='Reserved'
    Do c:\project\reserved.prg
CASE m.btnname='Hotel'
    DO c:\project\rooms.prg
CASE m.btnname='Full'
    DO c:\project\full.prg
CASE m.btnname='Empty'
    DO c:\project\empty.prg
CASE m.btnname='EXIT'
    set sysm to defa
DEACTIVATE WINDOW _03n0wl952
RELEASE WINDOW _03n0wl952
    ENDCASE
RETURN

```


If Hotel Rooms option is selected then the following menu is generated to give information about the room(s) to be checked.

The screenshot shows a software window titled "DIANA HOTEL" with a pink background. The main heading is Rooms Situations. The form contains the following fields and options:

<i>Room No.</i>	<input type="text" value="0"/>	<input type="radio"/> Single
<i>Phone No.</i>	<input type="text" value="0"/>	<input type="radio"/> Shift
<i>Room Price.</i>	<input type="text" value="0"/> \$	<input type="radio"/> Triple
<i>Flat.</i>	<input type="text" value=""/> <input type="button" value="v"/>	<input type="radio"/> Wing
<i>Room Situation.</i>	<input type="radio"/> Empty	<input type="radio"/> Sea
	<input type="radio"/> Full	<input type="radio"/> Middle
	<input type="radio"/> Reserved	<input type="radio"/> Corner

At the bottom, there is a row of buttons: **Top**, **Prev**, **Next**, **End**, **Locate**, **Add**, **Edit**, **Delete**, **Print**, and **Close**.

```

SET TALK OFF
#REGION 1
PRIVATE wzfields,wztalk
IF SET("TALK") = "ON"
    SET TALK OFF
    m.wztalk = "ON"
ELSE
    m.wztalk = "OFF"
ENDIF
m.wzfields=SET('FIELDS')
SET FIELDS OFF
IF m.wztalk = "ON"
    SET TALK ON
ENDIF
#REGION 0
REGIONAL m.currarea, m.talkstat, m.compstat

IF SET("TALK") = "ON"
    SET TALK OFF
    m.talkstat = "ON"
ELSE
    m.talkstat = "OFF"
ENDIF
m.compstat = SET("COMPATIBLE")
SET COMPATIBLE FOXPLUS

m.rborder = SET("READBORDER")
SET READBORDER ON

m.currarea = SELECT()

* *****
* *
* *   ROOMS/Windows Databases, Indexes, Relations
* *
* *****

IF USED("rooms")
    SELECT rooms
    SET ORDER TO TAG "_03n0vbo9v"
ELSE
    SELECT 0
    USE (LOCFILE("\project\rooms.dbf","DBF","Where is rooms?"));
    AGAIN ALIAS rooms ;
    ORDER TAG "_03n0vbo9v"
ENDIF

```

```

* *****
*
*      Windows Window definitions
*
* *****
*

```

```

IF NOT WEXIST("_03n0w2lv5")
    DEFINE WINDOW _03n0w2lv5 ;
        AT 0.000, 0.000 ;
        SIZE 23.154, 83.333 ;
        TITLE "DIANA HOTEL" ;
        FONT "MS Sans Serif", 8 ;
        STYLE "B" ;
        FLOAT ;
        CLOSE ;
        MINIMIZE ;
        COLOR RGB(,,255,0,255)
    MOVE WINDOW _03n0w2lv5 CENTER
ENDIF

```

```

* *****
*
*      ROOMS/Windows Setup Code - SECTION 2
*
* *****
*

```

#REGION 1

#DEFINE C_DBFEMPTY	'Database is empty, add a record?'
#DEFINE C_EDITS	'Please finish your edits.'
#DEFINE C_TOPFILE	'Top of file.'
#DEFINE C_ENDFILE	'End of file.'
#DEFINE C_BRTITLE	'Locate Record'
#DEFINE C_NOLOCK	'Sorry, could not lock record -- try again later.'
#DEFINE C_ECANCEL	'Edits Canceled.'
#DEFINE C_DELREC	'Delete selected record?'
#DEFINE C_NOFEAT	'Feature not available yet.'
#DEFINE C_NOWIZ	'Wizard application is not available.'
#DEFINE C_MAKEREPO	'Creating report with Report Wizard.'
#DEFINE C_NOREPO	'Could not create report.'
#DEFINE C_DELNOTE	'Deleting records...'
#DEFINE C_READONLY	'Table is read-only. No editing allowed.'
#DEFINE C_NOTABLE	'No table selected. Open table or run query.'
#DEFINE C_BADEXP	'Invalid expression.'
#DEFINE C_LOCWIZ	'Locate WIZARD.APP:'

```
#DEFINE C_MULTITABLE 'You have multiple related tables. Adding records in not
allowed.'
```

```
MOVE WINDOW '_03n0w2lv5' CENTER
PRIVATE isediting,isadding,wztblarr
PRIVATE wzolddelete,wzolderror,wzoldesc
PRIVATE wzalias, tempcurs,wzlastrec
PRIVATE isreadonly,find_drop,is2table
```

```
IF EMPTY(ALIAS())
    WAIT WINDOW C_NOTABLE
    RETURN
ENDIF
```

```
m.wztblarr= "
m.wzalias=SELECT()
m.isediting=.F.
m.isadding=.F.
m.is2table = .F.
m.wzolddelete=SET('DELETE')
SET DELETED ON
m.tempcurs=SYS(2015) &&used if General field
m.wzlastrec = 1
m.wzolderror=ON('error')
ON ERROR DO wizerrorhandler
wzoldesc=ON('KEY','ESCAPE')
ON KEY LABEL ESCAPE
m.find_drop = IIF(_DOS,0,2)
```

```
m.isreadonly=IIF(ISREAD(),.T.,.F.)
IF m.isreadonly
    WAIT WINDOW C_READONLY TIMEOUT 1
ENDIF
IF RECCOUNT()=0 AND !m.isreadonly AND fox_alert(C_DBFEMPTY)
    APPEND BLANK
ENDIF
```

```
GOTO TOP
SCATTER MEMVAR MEMO
```

```
* *****
* *
* *      ROOMS/Windows Screen Layout
* *
* *****
*
```



```

#REGION 1
IF WVISIBLE("_03n0w2lv5")
    ACTIVATE WINDOW _03n0w2lv5 SAME
ELSE
    ACTIVATE WINDOW _03n0w2lv5 NOSHOW
ENDIF
@ 0.385,27.333 SAY "Rooms Situations" ;
    FONT "MS Sans Serif", 14 ;
    STYLE "BIT" ;
    COLOR RGB(0,255,0,,,)
@ 5.538,4.333 SAY "Room No:" ;
    SIZE 1.000,17.500 ;
    FONT "MS Sans Serif", 10 ;
    STYLE "BIT" ;
    PICTURE "@J" ;
    COLOR RGB(,,255,255,255)
@ 5.538,30.000 GET m.rooms_no ;
    SIZE 1.000,4.857 ;
    DEFAULT " " ;
    FONT "MS Sans Serif", 10 ;
    PICTURE "@K 999" ;
    WHEN isediting ;
    COLOR ,RGB(0,0,0,255,255,255)
@ 7.385,4.333 SAY "Phone No:" ;
    SIZE 1.000,17.500 ;
    FONT "MS Sans Serif", 10 ;
    STYLE "BIT" ;
    PICTURE "@J" ;
    COLOR RGB(,,255,255,255)
@ 7.385,30.000 GET m.phone_no ;
    SIZE 1.000,4.857 ;
    DEFAULT " " ;
    FONT "MS Sans Serif", 10 ;
    PICTURE "@K 999" ;
    WHEN isediting ;
    COLOR ,RGB(0,0,0,255,255,255)
@ 9.231,4.333 SAY "Room Price:" ;
    SIZE 1.000,17.500 ;
    FONT "MS Sans Serif", 10 ;
    STYLE "BIT" ;
    PICTURE "@J" ;
    COLOR RGB(,,255,255,255)
@ 9.231,30.000 GET m.room_price ;
    SIZE 1.000,4.857 ;
    DEFAULT " " ;

```

```

FONT "MS Sans Serif", 10 ;
PICTURE "@K 999" ;
WHEN isediting ;
COLOR ,RGB(0,0,0,255,255,255)
@ 11.077,4.333 SAY "Flat:" ;
SIZE 1.000,17.500 ;
FONT "MS Sans Serif", 10 ;
STYLE "BIT" ;
PICTURE "@J" ;
COLOR RGB(,,,255,255,255)
@ 14.692,4.333 SAY "Room Situation:" ;
SIZE 1.000,17.500 ;
FONT "MS Sans Serif", 10 ;
STYLE "BIT" ;
PICTURE "@J" ;
COLOR RGB(,,,255,255,255)
@ 7.077,42.833 SAY "Room Type:" ;
SIZE 1.000,17.500 ;
FONT "MS Sans Serif", 10 ;
STYLE "BIT" ;
PICTURE "@J" ;
COLOR RGB(,,,255,255,255)
@ 14.846,42.667 SAY "Room Position:" ;
SIZE 1.000,17.500 ;
FONT "MS Sans Serif", 10 ;
STYLE "BIT" ;
PICTURE "@J" ;
COLOR RGB(,,,255,255,255)
@ 19.769,1.667 GET m.top_btn ;
PICTURE "@*HN \<Top" ;
SIZE 1.769,7.833,0.667 ;
DEFAULT 1 ;
FONT "MS Sans Serif", 8 ;
STYLE "B" ;
VALID btn_val('TOP') ;
MESSAGE 'Go to first record.'
@ 19.769,9.667 GET m.prev_btn ;
PICTURE "@*HN \<Prev" ;
SIZE 1.769,7.833,0.667 ;
DEFAULT 1 ;
FONT "MS Sans Serif", 8 ;
STYLE "B" ;
VALID btn_val('PREV') ;
MESSAGE 'Go to previous record.'
@ 19.769,17.667 GET m.next_btn ;
PICTURE "@*HN \<Next" ;

```

```

SIZE 1.769,7.833,0.667 ;
DEFAULT 1 ;
FONT "MS Sans Serif", 8 ;
STYLE "B" ;
VALID btn_val('NEXT') ;
MESSAGE 'Go to next record.'
@ 19.769,25.667 GET m.end_btn ;
PICTURE "@*HN \<End" ;
SIZE 1.769,7.833,0.667 ;
DEFAULT 1 ;
FONT "MS Sans Serif", 8 ;
STYLE "B" ;
VALID btn_val('END') ;
MESSAGE 'Go to last record.'
@ 19.769,33.667 GET m.loc_btn ;
PICTURE "@*HN \<Locate" ;
SIZE 1.769,7.833,0.667 ;
DEFAULT 1 ;
FONT "MS Sans Serif", 8 ;
STYLE "B" ;
VALID btn_val('LOCATE') ;
MESSAGE 'Locate a record.'
@ 19.769,41.667 GET m.add_btn ;
PICTURE "@*HN \<Add" ;
SIZE 1.769,7.833,0.667 ;
DEFAULT 1 ;
FONT "MS Sans Serif", 8 ;
STYLE "B" ;
VALID btn_val('ADD') ;
MESSAGE 'Add a new record.'
@ 19.769,49.667 GET m.edit_btn ;
PICTURE "@*HN Ed\<it" ;
SIZE 1.769,7.833,0.667 ;
DEFAULT 1 ;
FONT "MS Sans Serif", 8 ;
STYLE "B" ;
VALID btn_val('EDIT') ;
MESSAGE 'Edit current record.'
@ 19.769,57.667 GET m.del_btn ;
PICTURE "@*HN \<Delete" ;
SIZE 1.769,7.833,0.667 ;
DEFAULT 1 ;
FONT "MS Sans Serif", 8 ;
STYLE "B" ;
VALID btn_val('DELETE') ;
MESSAGE 'Delete current record.'

```

```

@ 19.769,65.667 GET m.prnt_btn ;
  PICTURE "@*HN P\<rint" ;
  SIZE 1.769,7.833,0.667 ;
  DEFAULT 1 ;
  FONT "MS Sans Serif", 8 ;
  STYLE "B" ;
  VALID btn_val('PRINT') ;
  MESSAGE 'Print report.'
@ 19.769,73.667 GET m.exit_btn ;
  PICTURE "@*HN \<Close" ;
  SIZE 1.769,7.833,0.667 ;
  DEFAULT 1 ;
  FONT "MS Sans Serif", 8 ;
  STYLE "B" ;
  VALID btn_val('EXIT') ;
  MESSAGE 'Close screen.'
@ 2.000,27.500 TO 2.000,53.833 ;
  PEN 2, 8 ;
  STYLE "1" ;
  COLOR RGB(0,255,0,0,255,0)
@ 13.154,29.667 GET m.situation ;
  PICTURE "@*RVN Empty;Full;Reserved" ;
  SIZE 1.308,13.500,0.308 ;
  DEFAULT 1 ;
  FONT "MS Sans Serif", 8 ;
  STYLE "BT";
  WHEN isediting
@ 5.385,68.000 GET m.room_type ;
  PICTURE "@*RVN Single;Shift;Triple;Wing" ;
  SIZE 1.308,10.333,0.308 ;
  DEFAULT 1 ;
  FONT "MS Sans Serif", 8 ;
  STYLE "BT";
  WHEN isediting
@ 13.154,68.000 GET m.position ;
  PICTURE "@*RVN Sea ;Middle;Corner" ;
  SIZE 1.308,10.667,0.308 ;
  DEFAULT 1 ;
  FONT "MS Sans Serif", 8 ;
  STYLE "BT";
  WHEN isediting
@ 4.231,2.167 TO 18.616,80.667 ;
  PEN 2, 8 ;
  STYLE "16"
@ 10.923,29.667 GET m.flat ;
  PICTURE "@^ 2;3;4;5;6;7;8;9;10" ;

```



```

        SIZE 1.538,6.167 ;
        DEFAULT "2" ;
        FONT "MS Sans Serif", 8 ;
        STYLE "B";
        WHEN isediting
@ 9.154,36.500 SAY "$" ;
        FONT "MS Sans Serif", 12 ;
        STYLE "T" ;
        COLOR RGB(0,0,0,,,)

IF NOT WVISIBLE("_03n0w2lv5")
    ACTIVATE WINDOW _03n0w2lv5
ENDIF
* *****
* *
* *   WindowsREAD contains clauses from SCREEN rooms
* *
* *****
*

READ CYCLE ;
    ACTIVATE READACT() ;
    DEACTIVATE READDEAC() ;
    NOLOCK

RELEASE WINDOW _03n0w2lv5

* *****
* *
* *       Windows Closing Databases
* *
* *****
*

IF USED("rooms")
    SELECT rooms
    USE
ENDIF
SELECT (m.currarea)
#REGION 0
SET READBORDER &rborder
IF m.talkstat = "ON"
    SET TALK ON
ENDIF
IF m.compstat = "ON"
    SET COMPATIBLE ON

```

ENDIF

```
* *****
*
*      ROOMS/Windows Cleanup Code
*
* *****
*
```

#REGION 1

SET DELETED &wzolddelete

SET FIELDS &wzfields

ON ERROR &wzolderror

ON KEY LABEL ESCAPE &wzoldesc

DO CASE

CASE _DOS AND SET('DISPLAY')='VGA25'

@24,0 CLEAR TO 24,79

CASE _DOS AND SET('DISPLAY')='VGA50'

@49,0 CLEAR TO 49,79

CASE _DOS

@24,0 CLEAR TO 24,79

ENDCASE

```
* *****
*
*      ROOMS/Windows Supporting Procedures and Functions
*
* *****
```

#REGION 1

PROCEDURE readdeac

IF isediting

ACTIVATE WINDOW '_03n0w2lv5'

WAIT WINDOW C__EDITS NOWAIT

ENDIF

IF !WVISIBLE(WOUTPUT())

CLEAR READ

RETURN .T.

ENDIF

RETURN .F.

PROCEDURE readact

IF !isediting

SELECT (m.wzalias)

SHOW GETS

ENDIF

DO REFRESH

RETURN

PROCEDURE wizerrorhandler

```

        WAIT WINDOW message()
RETURN
PROCEDURE printrec
    PRIVATE sOldError,wizfname,saverec,savearea,tmpcurs,tmpstr
    PRIVATE prnt_btn,p_recs,p_output,pr_out,pr_record
    STORE 1 TO p_recs,p_output
    STORE 0 TO prnt_btn
    STORE RECNO() TO saverec
    m.sOldError=ON('error')
    DO pdialog
    IF m.prnt_btn = 2
        RETURN
    ENDIF
    IF !FILE(ALIAS()+'FRX')
        m.wizfname=SYS(2004)+'WIZARDS\'+ 'WIZARD.APP'
        IF !FILE(m.wizfname)
            ON ERROR *
            m.wizfname=LOCFILE('WIZARD.APP','APP',C_LOCWIZ)
            ON ERROR &sOldError
            IF !'WIZARD.APP'$UPPER(m.wizfname)
                WAIT WINDOW C_NOWIZ
            RETURN
        ENDIF
    ENDIF
    WAIT WINDOW C_MAKEREPO NOWAIT
    m.savearea=SELECT()
    m.tmpcurs=' '+LEFT(SYS(3),7)
    CREATE CURSOR (m.tmpcurs) (comment m)
    m.tmpstr = '* LAYOUT = COLUMNAR'+CHR(13)+CHR(10)
    INSERT INTO (m.tmpcurs) VALUES(m.tmpstr)
    SELECT (m.savearea)
    DO (m.wizfname) WITH
    ", 'WZ_QREPO','NOSCRN/CREATE',ALIAS(),m.tmpcurs
    USE IN (m.tmpcurs)
    WAIT CLEAR
    IF !FILE(ALIAS()+'FRX') &&wizard could not create report
        WAIT WINDOW C_NOREPO
    RETURN
    ENDIF
ENDIF

m.pr_out=IIF(m.p_output=1,'TO PRINT NOCONSOLE','PREVIEW')
m.pr_record=IIF(m.p_recs=1,'NEXT 1','ALL')
REPORT FORM (ALIAS()) &pr_out &pr_record
GO m.saverec
RETURN

```

```

PROCEDURE BTN_VAL
  PARAMETER m.btnname
  DO CASE
    CASE m.btnname='TOP'
      GO TOP
      WAIT WINDOW C_TOPFILE NOWAIT
    CASE m.btnname='PREV'
      IF !BOF()
        SKIP -1
      ENDIF
      IF BOF()
        WAIT WINDOW C_TOPFILE NOWAIT
        GO TOP
      ENDIF
    CASE m.btnname='NEXT'
      IF !EOF()
        SKIP 1
      ENDIF
      IF EOF()
        WAIT WINDOW C_ENDFILE NOWAIT
        GO BOTTOM
      ENDIF
    CASE m.btnname='END'
      GO BOTTOM
      WAIT WINDOW C_ENDFILE NOWAIT
    CASE m.btnname='LOCATE'
      DO loc_dlog
    CASE m.btnname='ADD' AND !isediting &&add record
      isediting=.T.
      isadding=.T.
      =edithand('ADD')
      _curobj=1
      DO refresh
      SHOW GETS
      RETURN
    CASE m.btnname='EDIT' AND !isediting &&edit record
      IF EOF() OR BOF()
        WAIT WINDOW C_ENDFILE NOWAIT
        RETURN
      ENDIF
      IF RLOCK()
        isediting=.T.
        _curobj=1
        DO refresh

```



```

        RETURN
    ELSE
        WAIT WINDOW C_NOLOCK
    ENDIF
CASE m.btnname='EDIT' AND isediting &&save record
    IF isadding
        =edithand('SAVE')
    ELSE
        GATHER MEMVAR MEMO
    ENDIF
    UNLOCK
    isediting=.F.
    isadding=.F.
    DO refresh
CASE m.btnname='DELETE' AND isediting &&cancel record
    IF isadding
        =edithand('CANCEL')
    ENDIF
    isediting=.F.
    isadding=.F.
    UNLOCK
    WAIT WINDOW C_ECANCEL NOWAIT
    DO refresh
CASE m.btnname='DELETE'
    IF EOF() OR BOF()
        WAIT WINDOW C_ENDFILE NOWAIT
        RETURN
    ENDIF
    IF fox_alert(C_DELREC)
        DELETE
        IF !EOF() AND DELETED()
            SKIP 1
        ENDIF
        IF EOF()
            WAIT WINDOW C_ENDFILE NOWAIT
            GO BOTTOM
        ENDIF
    ENDIF
CASE m.btnname='PRINT'
    DO printrec
    RETURN
CASE m.btnname='EXIT'
    m.bailout=.T. &&this is needed if used with FoxApp
    CLEAR READ
    RETURN
ENDCASE

```

```

        SCATTER MEMVAR MEMO
        SHOW GETS
RETURN
PROCEDURE REFRESH
DO CASE
CASE m.isreadonly AND RECCOUNT()=0
    SHOW GETS DISABLE
    SHOW GET exit_btn ENABLE
CASE m.isreadonly
    SHOW GET add_btn DISABLE
    SHOW GET del_btn DISABLE
    SHOW GET edit_btn DISABLE
CASE (RECCOUNT()=0 OR EOF()) AND !m.isediting
    SHOW GETS DISABLE
    SHOW GET add_btn ENABLE
    SHOW GET exit_btn ENABLE
CASE m.isediting
    SHOW GET find_drop DISABLE
    SHOW GET top_btn DISABLE
    SHOW GET prev_btn DISABLE
    SHOW GET loc_btn DISABLE
    SHOW GET next_btn DISABLE
    SHOW GET end_btn DISABLE
    SHOW GET add_btn DISABLE
    SHOW GET prnt_btn DISABLE
    SHOW GET exit_btn DISABLE
    SHOW GET edit_btn,1 PROMPT "\<Save"
    SHOW GET del_btn,1 PROMPT "\<Cancel"
    ON KEY LABEL ESCAPE DO BTN_VAL WITH 'DELETE'
    RETURN
OTHERWISE
    SHOW GET edit_btn,1 PROMPT "Ed\<it"
    SHOW GET del_btn,1 PROMPT "\<Delete"
    SHOW GETS ENABLE
ENDCASE
IF m.is2table
    SHOW GET add_btn DISABLE
ENDIF
ON KEY LABEL ESCAPE
RETURN
PROCEDURE edithand
    PARAMETER m.paction
    DO CASE
    CASE m.paction = 'ADD'
        SCATTER MEMVAR MEMO BLANK
    CASE m.paction = 'SAVE'

```

```

        INSERT INTO (ALIAS()) FROM MEMVAR
CASE m.paction = 'CANCEL'
    * nothing here
ENDCASE
RETURN

PROCEDURE fox_alert
    PARAMETER wzalrtmess
    PRIVATE alrtbtn
    m.alrtbtn=2
    DEFINE WINDOW _qec1ij2t7 AT 0,0 SIZE 8,50 ;
    FONT "MS Sans Serif",10 STYLE 'B' ;
    FLOAT NOCLOSE NOMINIMIZE DOUBLE TITLE WTITLE()
    MOVE WINDOW _qec1ij2t7 CENTER
    ACTIVATE WINDOW _qec1ij2t7 NOSHOW
    @ 2,(50-txtwidth(wzalrtmess))/2 SAY wzalrtmess;
    FONT "MS Sans Serif", 10 STYLE "B"
    @ 6,18 GET m.alrtbtn ;
    PICTURE "@*HT \<OK;\?! \<Cancel" ;
    SIZE 1.769,8.667,1.333 ;
    FONT "MS Sans Serif", 8 STYLE "B"
    ACTIVATE WINDOW _qec1ij2t7
    READ CYCLE MODAL
    RELEASE WINDOW _qec1ij2t7
RETURN m.alrtbtn=1

PROCEDURE pdialog
    DEFINE WINDOW _qjn12zbvh ;
    AT 0.000, 0.000 ;
    SIZE 13.231,54.800 ;
    TITLE "Microsoft FoxPro" ;
    FONT "MS Sans Serif", 8 ;
    FLOAT NOCLOSE MINIMIZE SYSTEM
    MOVE WINDOW _qjn12zbvh CENTER
    ACTIVATE WINDOW _qjn12zbvh NOSHOW
    @ 2.846,33.600 SAY "Output:" ;
    FONT "MS Sans Serif", 8 ;
    STYLE "BT"
    @ 2.846,4.800 SAY "Print:" ;
    FONT "MS Sans Serif", 8 ;
    STYLE "BT"
    @ 4.692,7.200 GET m.p_recs ;
    PICTURE "@*RVN \<Current Record;\<All Records" ;
    SIZE 1.308,18.500,0.308 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 8 ;

```

```

        STYLE "BT"
@ 4.692,36.000 GET m.p_output ;
    PICTURE "@*RVN\<Printer;Pre\<view" ;
    SIZE 1.308,12.000,0.308 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 8 ;
    STYLE "BT"
@ 10.154,16.600 GET m.prnt_btn ;
    PICTURE "@*HT P\<rint;Ca\<ncel" ;
    SIZE 1.769,8.667,0.667 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 8 ;
    STYLE "B"
ACTIVATE WINDOW _qjn12zbvh
READ CYCLE MODAL
RELEASE WINDOW _qjn12zbvh
RETURN


PROCEDURE loc_dlog
    PRIVATE gfields,i
    DEFINE WINDOW wzlocate FROM 1,1 TO 20,40;
        SYSTEM GROW CLOSE ZOOM FLOAT FONT "MS Sans Serif",8
    MOVE WINDOW wzlocate CENTER
    m.gfields=SET('FIELDS',2)
    IF !EMPTY(RELATION(1))
        SET FIELDS ON
        IF m.gfields # 'GLOBAL'
            SET FIELDS GLOBAL
        ENDIF
        IF EMPTY(FLDLIST())
            m.i=1
            DO WHILE !EMPTY(OBJVAR(m.i))
                IF ATC('M.',OBJVAR(m.i))=0
                    SET FIELDS TO (OBJVAR(m.i))
                ENDIF
                m.i = m.i + 1
            ENDDO
        ENDIF
    ENDIF
    BROWSE WINDOW wzlocate NOEDIT NODELETE ;
        NOMENU TITLE C_BRTITLE
    SET FIELDS &gfields
    SET FIELDS OFF
    RELEASE WINDOW wzlocate
RETURN

```


CHECK-IN

The receptionist should always check the registration card, or register the guest once he/she has checked in.

It is also important to fill in the reservation form and details. The receptionist can then inform the guest of the room number, room location, room rate, etc., upon request.

 DIANA HOTEL

GUEST FILE

Name.	<input type="text"/>	Surname.	<input type="text"/>			
Nationality.	<input type="text"/>	Passport No.	<input type="text"/>			
Address.	<input type="text"/>					
Telephone No.	<input type="text"/> 0	Birth Date.	<input type="text"/> /	<input type="text"/> /	mm/dd/yy	
Birth Place.	<input type="text"/>	Sex.	<input type="text"/>	<input type="text"/>		
Marital States.	<input type="text"/>	Wife(Husband) Name.	<input type="text"/>			
Child uder 6.	<input type="text"/> 0	Child udder 15.	<input type="text"/> 0			
Flat.	<input type="text"/>	Room Type.	<input type="text"/>			
Room Position.	<input type="text"/>	Room No.	<input type="text"/>			
Room Phone.	<input type="text"/> 0	Room Price.	<input type="text"/>	\$		
Date of Arrival.	<input type="text"/> /	<input type="text"/> /	mm/dd/yy		Date of deprature.	<input type="text"/> /
Time.	<input type="text"/>	(24 Hour)	Account No.	<input type="text"/>		
Deposit.	<input type="text"/>	\$	Amount Payed.	<input type="text"/>	\$	

Top

Prev

Next

End

Locate

Add

Edit

Delete

Print

Close

```

SET TALK OFF
#REGION 1
PRIVATE wzfields,wztalk
IF SET("TALK") = "ON"
    SET TALK OFF
    m.wztalk = "ON"
ELSE
    m.wztalk = "OFF"
ENDIF
m.wzfields=SET('FIELDS')
SET FIELDS OFF
IF m.wztalk = "ON"
    SET TALK ON
ENDIF

#REGION 0
REGIONAL m.currarea, m.talkstat, m.compstat

IF SET("TALK") = "ON"
    SET TALK OFF
    m.talkstat = "ON"
ELSE
    m.talkstat = "OFF"
ENDIF
m.compstat = SET("COMPATIBLE")
SET COMPATIBLE FOXPLUS

m.rborder = SET("READBORDER")
SET READBORDER ON
m.currarea = SELECT()

* *****
* *
* *   DATA/Windows Databases, Indexes, Relations
* *
* *****

IF USED("data")
    SELECT data
    SET ORDER TO TAG "_03914oeoi"
ELSE
    SELECT 0
    USE (LOCFILE("data.dbf","DBF","Where is data?"));
    AGAIN ALIAS data ;
    ORDER TAG "_03914oeoi"
ENDIF

```

```

* *****
*
*      Windows Window definitions
*
* *****
*

```

```

IF NOT WEXIST("_03q10fh3d")
    DEFINE WINDOW _03q10fh3d ;
        AT 0.000, 0.000 ;
        SIZE 33.769,104.000 ;
        TITLE "DIANA HOTEL" ;
        FONT "MS Sans Serif", 8 ;
        STYLE "B" ;
        FLOAT ;
        CLOSE ;
        MINIMIZE ;
        COLOR RGB(,,255,0,255)
    MOVE WINDOW _03q10fh3d CENTER
ENDIF

```

```

* *****
*
*      DATA/Windows Setup Code - SECTION 2
*
* *****

```

#REGION 1

#DEFINE C_DBFEMPTY	'Database is empty, add a record?'
#DEFINE C_EDITS	'Please finish your edits.'
#DEFINE C_TOPFILE	'Top of file.'
#DEFINE C_ENDFILE	'End of file.'
#DEFINE C_BRTITLE	'Locate Record'
#DEFINE C_NOLOCK	'Sorry, could not lock record -- try again later.'
#DEFINE C_ECANCEL	'Edits Canceled.'
#DEFINE C_DELREC	'Delete selected record?'
#DEFINE C_NOFEAT	'Feature not available yet.'
#DEFINE C_NOWIZ	'Wizard application is not available.'
#DEFINE C_MAKEREPO	'Creating report with Report Wizard.'
#DEFINE C_NOREPO	'Could not create report.'
#DEFINE C_DELNOTE	'Deleting records...'
#DEFINE C_READONLY	'Table is read-only. No editing allowed.'
#DEFINE C_NOTABLE	'No table selected. Open table or run query.'

```
#DEFINE C_BADEXPB      'Invalid expression.'
#DEFINE C_LOCWIZ        'Locate WIZARD.APP:'
#DEFINE C_MULTITABLE 'You have multiple related tables. Adding records in not
allowed.'
```

```
MOVE WINDOW '_03q10fh3d' CENTER
PRIVATE isediting,isadding,wztblarr
PRIVATE wzoldddelete,wzolderror,wzoldesc
PRIVATE wzalias, tempcurs,wzlastrec
PRIVATE isreadonly,find_drop,is2table
```

```
IF EMPTY(ALIAS())
    WAIT WINDOW C_NOTABLE
    RETURN
ENDIF
```

```
m.wztblarr= "
m.wzalias=SELECT()
m.isediting=.F.
m.isadding=.F.
m.is2table = .F.
m.wzoldddelete=SET('DELETE')
SET DELETED ON
m.tempcurs=SYS(2015) &&used if General field
m.wzlastrec = 1
m.wzolderror=ON('error')
ON ERROR DO wizerrorhandler
wzoldesc=ON('KEY','ESCAPE')
ON KEY LABEL ESCAPE
m.find_drop = IIF(_DOS,0,2)
```

```
m.isreadonly=IIF(ISREAD(),.T.,.F.)
IF m.isreadonly
    WAIT WINDOW C_READONLY TIMEOUT 1
ENDIF
```

```
IF RECCOUNT()=0 AND !m.isreadonly AND fox_alert(C_DBFEMPTY)
    APPEND BLANK
ENDIF
```

```
GOTO TOP
SCATTER MEMVAR MEMO
```



```

* *****
*
*          DATA/Windows Screen Layout
*
* *****

```

```

#REGION 1
IF WVISIBLE("_03q10fh3d")
    ACTIVATE WINDOW _03q10fh3d SAME
ELSE
    ACTIVATE WINDOW _03q10fh3d NOSHOW
ENDIF

```

```

@ 5.692,16.000 SAY "Name:" ;
    SIZE 1.000,9.750 ;
    FONT "MS Sans Serif", 10 ;
    STYLE "BIT" ;
    PICTURE "@J" ;
    COLOR RGB(,,255,255,255)
@ 5.692,31.333 GET m.name ;
    SIZE 1.000,8.000 ;
    DEFAULT " " ;
    FONT "MS Sans Serif", 10 ;
    PICTURE "@K XXXXXXXX" ;
    WHEN isediting ;
    COLOR ,RGB(0,0,0,255,255,255)
@ 5.692,60.333 SAY "Surname:" ;
    SIZE 1.000,12.000 ;
    FONT "MS Sans Serif", 10 ;
    STYLE "BIT" ;
    PICTURE "@J" ;
    COLOR RGB(,,255,255,255)
@ 5.692,78.833 GET m.surname ;
    SIZE 1.000,8.000 ;
    DEFAULT " " ;
    FONT "MS Sans Serif", 10 ;
    PICTURE "@K XXXXXXXX" ;
    WHEN isediting ;
    COLOR ,RGB(0,0,0,255,255,255)
@ 7.538,11.667 SAY "Nationality:" ;
    SIZE 1.000,13.000 ;
    FONT "MS Sans Serif", 10 ;
    STYLE "BIT" ;
    PICTURE "@J" ;
    COLOR RGB(,,255,255,255)
@ 7.538,31.333 GET m.nationaly ;
    SIZE 1.000,11.429 ;

```

```

DEFAULT " " ;
FONT "MS Sans Serif", 10 ;
PICTURE "@K XXXXXXXXXXXX" ;
WHEN isediting ;
COLOR ,RGB(0,0,0,255,255,255)
@ 7.538,55.667 SAY "Passport No:" ;
SIZE 1.000,15.500 ;
FONT "MS Sans Serif", 10 ;
STYLE "BIT" ;
PICTURE "@J" ;
COLOR RGB(,,255,255,255)
@ 7.538,78.833 GET m.passport_n ;
SIZE 1.000,9.143 ;
DEFAULT " " ;
FONT "MS Sans Serif", 10 ;
PICTURE "@K XXXXXXXXXX" ;
WHEN isediting ;
COLOR ,RGB(0,0,0,255,255,255)
@ 9.385,13.667 SAY "Address:" ;
SIZE 1.000,11.500 ;
FONT "MS Sans Serif", 10 ;
STYLE "BIT" ;
PICTURE "@J" ;
COLOR RGB(,,255,255,255)
@ 9.385,31.333 GET m.address ;
SIZE 1.000,40.000 ;
DEFAULT " " ;
FONT "MS Sans Serif", 10 ;
PICTURE "@K
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX" ;
WHEN isediting ;
COLOR ,RGB(0,0,0,255,255,255)
@ 11.231,5.667 SAY "Telephone No:" ;
SIZE 1.000,17.500 ;
FONT "MS Sans Serif", 10 ;
STYLE "BIT" ;
PICTURE "@J" ;
COLOR RGB(,,255,255,255)
@ 11.231,31.333 GET m.tel_no ;
SIZE 1.000,11.143 ;
DEFAULT " " ;
FONT "MS Sans Serif", 10 ;
PICTURE "@K 9999999999" ;
WHEN isediting ;
COLOR ,RGB(0,0,0,255,255,255)
@ 11.231,58.500 SAY "Birth Date:" ;

```

SIZE 1.000,13.375 ;
 FONT "MS Sans Serif", 10 ;
 STYLE "BIT" ;
 PICTURE "@J" ;
 COLOR RGB(,,255,255,255)
 @ 11.308,79.000 GET m.birth_date ;
 SIZE 1.000,7.429 ;
 DEFAULT " " ;
 FONT "MS Sans Serif", 10 ;
 PICTURE "@K" ;
 WHEN isediting ;
 COLOR ,RGB(0,0,0,255,255,255)
 @ 13.077,9.667 SAY "Birth Place:" ;
 SIZE 1.000,14.500 ;
 FONT "MS Sans Serif", 10 ;
 STYLE "BIT" ;
 PICTURE "@J" ;
 COLOR RGB(,,255,255,255)
 @ 13.077,31.333 GET m.birth_plce ;
 SIZE 1.000,9.143 ;
 DEFAULT " " ;
 FONT "MS Sans Serif", 10 ;
 PICTURE "@K XXXXXXXXX" ;
 WHEN isediting ;
 COLOR ,RGB(0,0,0,255,255,255)
 @ 13.077,66.500 SAY "Sex:" ;
 SIZE 1.000,7.375 ;
 FONT "MS Sans Serif", 10 ;
 STYLE "BIT" ;
 PICTURE "@J" ;
 COLOR RGB(,,255,255,255)
 @ 14.923,7.667 SAY "Marital States:" ;
 SIZE 1.000,16.000 ;
 FONT "MS Sans Serif", 10 ;
 STYLE "BIT" ;
 PICTURE "@J" ;
 COLOR RGB(,,255,255,255)
 @ 14.923,45.167 SAY "Wife(Husband) Name:" ;
 SIZE 1.000,23.375 ;
 FONT "MS Sans Serif", 10 ;
 STYLE "BIT" ;
 PICTURE "@J" ;
 COLOR RGB(,,255,255,255)
 @ 14.923,78.833 GET m.wife_name ;
 SIZE 1.000,8.000 ;
 DEFAULT " " ;

FONT "MS Sans Serif", 10 ;
 PICTURE "@K XXXXXXXX" ;
 WHEN isediting ;
 COLOR ,RGB(0,0,0,255,255,255)
 @ 16.769,9.667 SAY "Child uder 6:" ;
 SIZE 1.000,14.500 ;
 FONT "MS Sans Serif", 10 ;
 STYLE "BIT" ;
 PICTURE "@J" ;
 COLOR RGB(,,,255,255,255)
 @ 16.769,31.333 GET m.chil_ud_6 ;
 SIZE 1.000,1.714 ;
 DEFAULT " " ;
 FONT "MS Sans Serif", 10 ;
 PICTURE "@K 99" ;
 WHEN isediting ;
 COLOR ,RGB(0,0,0,255,255,255)
 @ 16.769,52.500 SAY "Child udder 15:" ;
 SIZE 1.000,17.875 ;
 FONT "MS Sans Serif", 10 ;
 STYLE "BIT" ;
 PICTURE "@J" ;
 COLOR RGB(,,,255,255,255)
 @ 16.769,78.833 GET m.chil_ud_15 ;
 SIZE 1.000,1.714 ;
 DEFAULT " " ;
 FONT "MS Sans Serif", 10 ;
 PICTURE "@K 99" ;
 WHEN isediting ;
 COLOR ,RGB(0,0,0,255,255,255)
 @ 18.615,17.667 SAY "Flat:" ;
 SIZE 1.000,8.500 ;
 FONT "MS Sans Serif", 10 ;
 STYLE "BIT" ;
 PICTURE "@J" ;
 COLOR RGB(,,,255,255,255)
 @ 18.615,56.500 SAY "Room Type:" ;
 SIZE 1.000,14.875 ;
 FONT "MS Sans Serif", 10 ;
 STYLE "BIT" ;
 PICTURE "@J" ;
 COLOR RGB(,,,255,255,255)
 @ 20.462,5.667 SAY "Room Position:" ;
 SIZE 1.000,17.500 ;
 FONT "MS Sans Serif", 10 ;
 STYLE "BIT" ;

PICTURE "@J" ;
 COLOR RGB(,,,255,255,255)
 @ 20.462,58.500 SAY "Room No:" ;
 SIZE 1.000,13.375 ;
 FONT "MS Sans Serif", 10 ;
 STYLE "BIT" ;
 PICTURE "@J" ;
 COLOR RGB(,,,255,255,255)
 @ 20.462,78.833 GET m.room_no ;
 SIZE 1.000,4.286 ;
 DEFAULT " " ;
 FONT "MS Sans Serif", 10 ;
 PICTURE "@K 9999" ;
 WHEN isediting ;
 COLOR ,RGB(0,0,0,255,255,255)
 @ 22.308,7.667 SAY "Room Phone:" ;
 SIZE 1.000,16.000 ;
 FONT "MS Sans Serif", 10 ;
 STYLE "BIT" ;
 PICTURE "@J" ;
 COLOR RGB(,,,255,255,255)
 @ 22.308,31.333 GET m.room_phone ;
 SIZE 1.000,4.286 ;
 DEFAULT " " ;
 FONT "MS Sans Serif", 10 ;
 PICTURE "@K 9999" ;
 WHEN isediting ;
 COLOR ,RGB(0,0,0,255,255,255)
 @ 22.308,56.500 SAY "Room Price:" ;
 SIZE 1.000,14.875 ;
 FONT "MS Sans Serif", 10 ;
 STYLE "BIT" ;
 PICTURE "@J" ;
 COLOR RGB(,,,255,255,255)
 @ 22.308,78.833 GET m.room_price ;
 SIZE 1.000,6.286 ;
 DEFAULT " " ;
 FONT "MS Sans Serif", 10 ;
 PICTURE "@K XXXX" ;
 WHEN isediting ;
 COLOR ,RGB(0,0,0,255,255,255)
 @ 24.154,5.667 SAY "Date of Arrival:" ;
 SIZE 1.000,17.500 ;
 FONT "MS Sans Serif", 10 ;
 STYLE "BIT" ;
 PICTURE "@J" ;

```

        COLOR RGB(,,255,255,255)
@ 24.154,31.333 GET m.date_of_ar ;
    SIZE 1.000,7.714 ;
    DEFAULT " " ;
    FONT "MS Sans Serif", 10 ;
    PICTURE "@K XXXXXXXXX" ;
    WHEN isediting ;
    COLOR ,RGB(0,0,0,255,255,255)
@ 24.154,49.167 SAY "Date of deprature:" ;
    SIZE 1.000,20.375 ;
    FONT "MS Sans Serif", 10 ;
    STYLE "BIT" ;
    PICTURE "@J" ;
    COLOR RGB(,,255,255,255)
@ 24.154,78.833 GET m.date_of_de ;
    SIZE 1.000,8.143 ;
    DEFAULT " " ;
    FONT "MS Sans Serif", 10 ;
    PICTURE "@K" ;
    WHEN isediting ;
    COLOR ,RGB(0,0,0,255,255,255)
@ 30.923,12.167 GET m.top_btn ;
    PICTURE "@*HN \<Top" ;
    SIZE 1.769,7.833,0.667 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 8 ;
    STYLE "B" ;
    VALID btn_val('TOP') ;
    MESSAGE 'Go to first record.'
@ 30.923,20.167 GET m.prev_btn ;
    PICTURE "@*HN \<Prev" ;
    SIZE 1.769,7.833,0.667 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 8 ;
    STYLE "B" ;
    VALID btn_val('PREV') ;
    MESSAGE 'Go to previous record.'
@ 30.923,28.167 GET m.next_btn ;
    PICTURE "@*HN \<Next" ;
    SIZE 1.769,7.833,0.667 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 8 ;
    STYLE "B" ;
    VALID btn_val('NEXT') ;
    MESSAGE 'Go to next record.'
@ 30.923,36.167 GET m.end_btn ;

```

```

PICTURE "@*HN \<End" ;
SIZE 1.769,7.833,0.667 ;
DEFAULT 1 ;
FONT "MS Sans Serif", 8 ;
STYLE "B" ;
VALID btn_val('END') ;
MESSAGE 'Go to last record.'
@ 30.923,44.167 GET m.loc_btn ;
PICTURE "@*HN \<Locate" ;
SIZE 1.769,7.833,0.667 ;
DEFAULT 1 ;
FONT "MS Sans Serif", 8 ;
STYLE "B" ;
VALID btn_val('LOCATE') ;
MESSAGE 'Locate a record.'
@ 30.923,52.167 GET m.add_btn ;
PICTURE "@*HN \<Add" ;
SIZE 1.769,7.833,0.667 ;
DEFAULT 1 ;
FONT "MS Sans Serif", 8 ;
STYLE "B" ;
VALID btn_val('ADD') ;
MESSAGE 'Add a new record.'
@ 30.923,60.167 GET m.edit_btn ;
PICTURE "@*HN Ed\<it" ;
SIZE 1.769,7.833,0.667 ;
DEFAULT 1 ;
FONT "MS Sans Serif", 8 ;
STYLE "B" ;
VALID btn_val('EDIT') ;
MESSAGE 'Edit current record.'
@ 30.923,68.167 GET m.del_btn ;
PICTURE "@*HN \<Delete" ;
SIZE 1.769,7.833,0.667 ;
DEFAULT 1 ;
FONT "MS Sans Serif", 8 ;
STYLE "B" ;
VALID btn_val('DELETE') ;
MESSAGE 'Delete current record.'
@ 30.923,76.167 GET m.prnt_btn ;
PICTURE "@*HN P\<rint" ;
SIZE 1.769,7.833,0.667 ;
DEFAULT 1 ;
FONT "MS Sans Serif", 8 ;
STYLE "B" ;
VALID btn_val('PRINT') ;

```

```

MESSAGE 'Print report.'
@ 30.923,84.167 GET m.exit_btn ;
  PICTURE "@*HN \<Close" ;
  SIZE 1.769,7.833,0.667 ;
  DEFAULT 1 ;
  FONT "MS Sans Serif", 8 ;
  STYLE "B" ;
  VALID btn_val('EXIT') ;
  MESSAGE 'Close screen.'
@ 26.000,55.833 SAY "Account No:" ;
  SIZE 1.000,15.375 ;
  FONT "MS Sans Serif", 10 ;
  STYLE "BIT" ;
  PICTURE "@J" ;
  COLOR RGB(,,255,255,255)
@ 26.000,78.833 GET m.account_no ;
  SIZE 1.000,11.429 ;
  DEFAULT " " ;
  FONT "MS Sans Serif", 10 ;
  PICTURE "@K XXXXXXXXXXXX" ;
  WHEN isediting ;
  COLOR ,RGB(0,0,0,255,255,255)
@ 27.846,53.167 SAY "Amount Payed:" ;
  SIZE 1.000,17.375 ;
  FONT "MS Sans Serif", 10 ;
  STYLE "BIT" ;
  PICTURE "@J" ;
  COLOR RGB(,,255,255,255)
@ 27.846,78.833 GET m.amount_pay ;
  SIZE 1.000,6.286 ;
  DEFAULT " " ;
  FONT "MS Sans Serif", 10 ;
  PICTURE "@K XXXX" ;
  WHEN isediting ;
  COLOR ,RGB(0,0,0,255,255,255)
@ 0.154,32.500 SAY "GUEST FILE" ;
  FONT "MS Sans Serif", 24 ;
  STYLE "BIT" ;
  COLOR RGB(0,255,0,,,)
@ 2.692,33.000 TO 2.692,66.667 ;
  PEN 4, 8 ;
  STYLE "1" ;
  COLOR RGB(0,255,0,0,255,0)
@ 18.538,31.000 GET m.flat ;
  PICTURE "@^ 2;3;4;5;6;7;8;9;10" ;
  SIZE 1.538,6.167 ;

```



```

    DEFAULT "2" ;
    FONT "MS Sans Serif", 8 ;
    STYLE "B";
    WHEN isediting
@ 14.846,31.000 GET m.marital_st ;
    PICTURE "@^ Single;Married" ;
    SIZE 1.538,10.833 ;
    DEFAULT "Single" ;
    FONT "MS Sans Serif", 8 ;
    STYLE "B";
    WHEN isediting
@ 20.385,31.000 GET m.room_postn ;
    PICTURE "@^ Sea;Middle;Corner" ;
    SIZE 1.538,10.000 ;
    DEFAULT "Sea" ;
    FONT "MS Sans Serif", 8 ;
    STYLE "B";
    WHEN isediting
@ 18.538,78.500 GET m.room_type ;
    PICTURE "@^ Single;Shift;Triple;Wing" ;
    SIZE 1.538,9.667 ;
    DEFAULT "Single" ;
    FONT "MS Sans Serif", 8 ;
    STYLE "B";
    WHEN isediting
@ 4.385,2.833 TO 30.231,101.000 ;
    PEN 2, 8 ;
    STYLE "16"
@ 13.000,78.500 GET m.sex ;
    PICTURE "@^ Male;Female" ;
    SIZE 1.538,10.500 ;
    DEFAULT "Male" ;
    FONT "MS Sans Serif", 8 ;
    STYLE "B";
    WHEN isediting
@ 11.231,88.333 SAY "mm/dd/yy" ;
    FONT "MS Sans Serif", 10 ;
    STYLE "BIT"
@ 24.077,40.667 SAY "mm/dd/yy" ;
    FONT "MS Sans Serif", 10 ;
    STYLE "BIT"
@ 26.000,19.667 SAY "Time:" ;
    SIZE 1.000,7.000 ;
    FONT "MS Sans Serif", 10 ;
    STYLE "BIT" ;
    PICTURE "@J" ;

```

```

        COLOR RGB(,,255,255,255)
@ 26.000,31.333 GET m.time ;
    SIZE 1.000,6.857 ;
    DEFAULT " " ;
    FONT "MS Sans Serif", 10 ;
    PICTURE "@K XXXXXX" ;
    WHEN isediting ;
        COLOR ,RGB(0,0,0,255,255,255)
@ 27.846,14.333 SAY "Deposit:" ;
    SIZE 1.000,11.000 ;
    FONT "MS Sans Serif", 10 ;
    STYLE "BIT" ;
    PICTURE "@J" ;
    COLOR RGB(,,255,255,255)
@ 27.846,31.333 GET m.deposit ;
    SIZE 1.000,6.286 ;
    DEFAULT " " ;
    FONT "MS Sans Serif", 10 ;
    PICTURE "@K XXXX" ;
    WHEN isediting ;
        COLOR ,RGB(0,0,0,255,255,255)
@ 26.000,39.667 SAY "(24 Hour)" ;
    FONT "MS Sans Serif", 10 ;
    STYLE "BIT"
@ 27.923,39.667 SAY "$" ;
    FONT "MS Sans Serif", 10 ;
    STYLE "T"
@ 27.923,87.167 SAY "$" ;
    FONT "MS Sans Serif", 10 ;
    STYLE "T"
@ 22.385,87.167 SAY "$" ;
    FONT "MS Sans Serif", 10 ;
    STYLE "T"

```

```

IF NOT WVISIBLE("_03q10fh3d")
    ACTIVATE WINDOW _03q10fh3d
ENDIF

```

```

* *****
* *
* *   WindowsREAD contains clauses from SCREEN data
* *
* *****

```

```

READ CYCLE ;
    ACTIVATE READACT() ;

```

```
DEACTIVATE READDEAC() ;
NOLOCK
```

```
RELEASE WINDOW _03q10fh3d
```

```
* *****
*
*      Windows Closing Databases
*
* *****
```

```
IF USED("data")
    SELECT data
    USE
ENDIF
SELECT (m.currarea)
```

```
#REGION 0
```

```
SET READBORDER &rborder
```

```
IF m.talkstat = "ON"
    SET TALK ON
```

```
ENDIF
```

```
IF m.compstat = "ON"
    SET COMPATIBLE ON
```

```
ENDIF
```

```
* *****
*
*      DATA/Windows Cleanup Code
*
* *****
```

```
#REGION 1
```

```
SET DELETED &wzolddelete
```

```
SET FIELDS &wzfields
```

```
ON ERROR &wzolderror
```

```
ON KEY LABEL ESCAPE &wzoldesc
```

```
DO CASE
```

```
CASE _DOS AND SET('DISPLAY')='VGA25'
```

```
    @24,0 CLEAR TO 24,79
```

```
CASE _DOS AND SET('DISPLAY')='VGA50'
```

```
    @49,0 CLEAR TO 49,79
```

```
CASE _DOS
```

```
    @24,0 CLEAR TO 24,79
```

```
ENDCASE
```

```

* *****
*
* * DATA/Windows Supporting Procedures and Functions
*
* *****

```

#REGION 1

PROCEDURE readdeac

```

IF isediting
  ACTIVATE WINDOW '_03q10fh3d'
  WAIT WINDOW C_EDITS NOWAIT
ENDIF
IF !WVISIBLE(WOUTPUT())
  CLEAR READ
  RETURN .T.
ENDIF
RETURN .F.

```

PROCEDURE readact

```

IF !isediting
  SELECT (m.wzalias)
  SHOW GETS
ENDIF
DO REFRESH
RETURN

```

PROCEDURE wizerrorhandler

```

  WAIT WINDOW message()
RETURN

```

PROCEDURE printrec

```

  PRIVATE sOldError,wizfname,saverec,savearea,tmpcurs,tmpstr
  PRIVATE prnt_btn,p_recs,p_output,pr_out,pr_record
  STORE 1 TO p_recs,p_output
  STORE 0 TO prnt_btn
  STORE RECNO() TO saverec
  m.sOldError=ON('error')
  DO pdialog
  IF m.prnt_btn = 2
    RETURN
  ENDIF
  IF !FILE(ALIAS()+'FRX')
    m.wizfname=SYS(2004)+'WIZARDS\'+ 'WIZARD.APP'
    IF !FILE(m.wizfname)
      ON ERROR *

```



```

        m.wizfname=LOCFILE('WIZARD.APP','APP',C_LOCWIZ)
        ON ERROR &sOldError
        IF !'WIZARD.APP'$UPPER(m.wizfname)
        WAIT WINDOW C_NOWIZ
        RETURN
        ENDIF
    ENDIF
WAIT WINDOW C_MAKEREPO NOWAIT
    m.savearea=SELECT()
    m.tmpcurs='_'+LEFT(SYS(3),7)
    CREATE CURSOR (m.tmpcurs) (comment m)
    m.tmpstr = '* LAYOUT = COLUMNAR'+CHR(13)+CHR(10)
    INSERT INTO (m.tmpcurs) VALUES(m.tmpstr)
    SELECT (m.savearea)
    DO (m.wizfname) WITH
", 'WZ_QREPO', 'NOSCRN/CREATE', ALIAS(), m.tmpcurs
    USE IN (m.tmpcurs)
WAIT CLEAR
    IF !FILE(ALIAS()+'FRX') &&wizard could not create report
    WAIT WINDOW C_NOREPO
    RETURN
    ENDIF
ENDIF

    m.pr_out=IIF(m.p_output=1,'TO PRINT NOCONSOLE','PREVIEW')
    m.pr_record=IIF(m.p_recs=1,'NEXT 1','ALL')
    REPORT FORM (ALIAS()) &pr_out &pr_record
    GO m.saverec
RETURN

```

```

PROCEDURE BTN_VAL
    PARAMETER m.btnname
    DO CASE
    CASE m.btnname='TOP'
        GO TOP
        WAIT WINDOW C_TOPFILE NOWAIT
    CASE m.btnname='PREV'
        IF !BOF()
            SKIP -1
        ENDIF
        IF BOF()
            WAIT WINDOW C_TOPFILE NOWAIT
            GO TOP
        ENDIF
    CASE m.btnname='NEXT'
        IF !EOF()

```

```

        SKIP 1
    ENDIF
    IF EOF()
        WAIT WINDOW C__ENDFILE NOWAIT
        GO BOTTOM
    ENDIF
CASE m.btnname='END'
    GO BOTTOM
    WAIT WINDOW C__ENDFILE NOWAIT
CASE m.btnname='LOCATE'
    DO loc_dlog
CASE m.btnname='ADD' AND !isediting &&add record
    isediting=.T.
    isadding=.T.
    =edithand('ADD')
    _curobj=1
    DO refresh
    SHOW GETS
    RETURN
CASE m.btnname='EDIT' AND !isediting &&edit record
    IF EOF() OR BOF()
        WAIT WINDOW C__ENDFILE NOWAIT
        RETURN
    ENDIF
    IF RLOCK()
        isediting=.T.
        _curobj=1
        DO refresh
        RETURN
    ELSE
        WAIT WINDOW C__NOLOCK
    ENDIF
CASE m.btnname='EDIT' AND isediting &&save record
    IF isadding
        =edithand('SAVE')
    ELSE
        GATHER MEMVAR MEMO
    ENDIF
    UNLOCK
    isediting=.F.
    isadding=.F.
    DO refresh
CASE m.btnname='DELETE' AND isediting &&cancel record
    IF isadding
        =edithand('CANCEL')
    ENDIF

```

```

        isediting=.F.
        isadding=.F.
        UNLOCK
        WAIT WINDOW C_ECANCEL NOWAIT
        DO refresh
CASE m.btnname='DELETE'
    IF EOF() OR BOF()
        WAIT WINDOW C_ENDFILE NOWAIT
        RETURN
    ENDIF
    IF fox_alert(C_DELREC)
        DELETE
        IF !EOF() AND DELETED()
            SKIP 1
        ENDIF
    IF EOF()
        WAIT WINDOW C_ENDFILE NOWAIT
        GO BOTTOM
    ENDIF
ENDIF
CASE m.btnname='PRINT'
    DO printrec
    RETURN
CASE m.btnname='EXIT'
    m.bailout=.T. &&this is needed if used with FoxApp
    CLEAR READ
    RETURN
ENDCASE
SCATTER MEMVAR MEMO
SHOW GETS
RETURN

PROCEDURE REFRESH
DO CASE
CASE m.isreadonly AND RECCOUNT()=0
    SHOW GETS DISABLE
    SHOW GET exit_btn ENABLE
CASE m.isreadonly
    SHOW GET add_btn DISABLE
    SHOW GET del_btn DISABLE
    SHOW GET edit_btn DISABLE
CASE (RECCOUNT()=0 OR EOF()) AND !m.isediting
    SHOW GETS DISABLE
    SHOW GET add_btn ENABLE
    SHOW GET exit_btn ENABLE
CASE m.isediting

```

```

SHOW GET find_drop DISABLE
  SHOW GET top_btn DISABLE
  SHOW GET prev_btn DISABLE
  SHOW GET loc_btn DISABLE
  SHOW GET next_btn DISABLE
  SHOW GET end_btn DISABLE
  SHOW GET add_btn DISABLE
  SHOW GET prnt_btn DISABLE
  SHOW GET exit_btn DISABLE
  SHOW GET edit_btn,1 PROMPT "\<Save"
  SHOW GET del_btn,1 PROMPT "\<Cancel"
  ON KEY LABEL ESCAPE DO BTN_VAL WITH 'DELETE'
  RETURN
OTHERWISE
  SHOW GET edit_btn,1 PROMPT "Ed\<it"
  SHOW GET del_btn,1 PROMPT "\<Delete"
  SHOW GETS ENABLE
ENDCASE
IF m.is2table
  SHOW GET add_btn DISABLE
ENDIF
ON KEY LABEL ESCAPE
RETURN

PROCEDURE edithand
  PARAMETER m.paction
  * procedure handles edits
  DO CASE
  CASE m.paction = 'ADD'
    SCATTER MEMVAR MEMO BLANK
  CASE m.paction = 'SAVE'
    INSERT INTO (ALIAS()) FROM MEMVAR
  CASE m.paction = 'CANCEL'
    * nothing here
  ENDCASE
RETURN

PROCEDURE fox_alert
  PARAMETER wzalrtmess
  PRIVATE alrtbtn
  m.alrtbtn=2
  DEFINE WINDOW _qec1ij2t7 AT 0,0 SIZE 8,50 ;
  FONT "MS Sans Serif",10 STYLE 'B' ;
  FLOAT NOCLOSE NOMINIMIZE DOUBLE TITLE WTITLE()
  MOVE WINDOW _qec1ij2t7 CENTER
  ACTIVATE WINDOW _qec1ij2t7 NOSHOW

```



```

@ 2,(50-txtwidth(wzalrtmess))/2 SAY wzalrtmess;
  FONT "MS Sans Serif", 10 STYLE "B"
@ 6,18 GET m.alrtbtn ;
  PICTURE "@*HT \<OK;\?! \<Cancel" ;
  SIZE 1.769,8.667,1.333 ;
  FONT "MS Sans Serif", 8 STYLE "B"
ACTIVATE WINDOW _qec1ij2t7
READ CYCLE MODAL
RELEASE WINDOW _qec1ij2t7
RETURN m.alrtbtn=1

PROCEDURE pdialog
  DEFINE WINDOW _qjn12zbvh ;
    AT 0.000, 0.000 ;
    SIZE 13.231,54.800 ;
    TITLE "Microsoft FoxPro" ;
    FONT "MS Sans Serif", 8 ;
    FLOAT NOCLOSE MINIMIZE SYSTEM
  MOVE WINDOW _qjn12zbvh CENTER
  ACTIVATE WINDOW _qjn12zbvh NOSHOW
  @ 2.846,33.600 SAY "Output:" ;
    FONT "MS Sans Serif", 8 ;
    STYLE "BT"
  @ 2.846,4.800 SAY "Print:" ;
    FONT "MS Sans Serif", 8 ;
    STYLE "BT"
  @ 4.692,7.200 GET m.p_recs ;
    PICTURE "@*RVN \<Current Record;\<All Records" ;
    SIZE 1.308,18.500,0.308 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 8 ;
    STYLE "BT"
  @ 4.692,36.000 GET m.p_output ;
    PICTURE "@*RVN \<Printer;Pre\<view" ;
    SIZE 1.308,12.000,0.308 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 8 ;
    STYLE "BT"
  @ 10.154,16.600 GET m.prnt_btn ;
    PICTURE "@*HT P\<rint;Ca\<ncel" ;
    SIZE 1.769,8.667,0.667 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 8 ;
    STYLE "B"
  ACTIVATE WINDOW _qjn12zbvh
  READ CYCLE MODAL

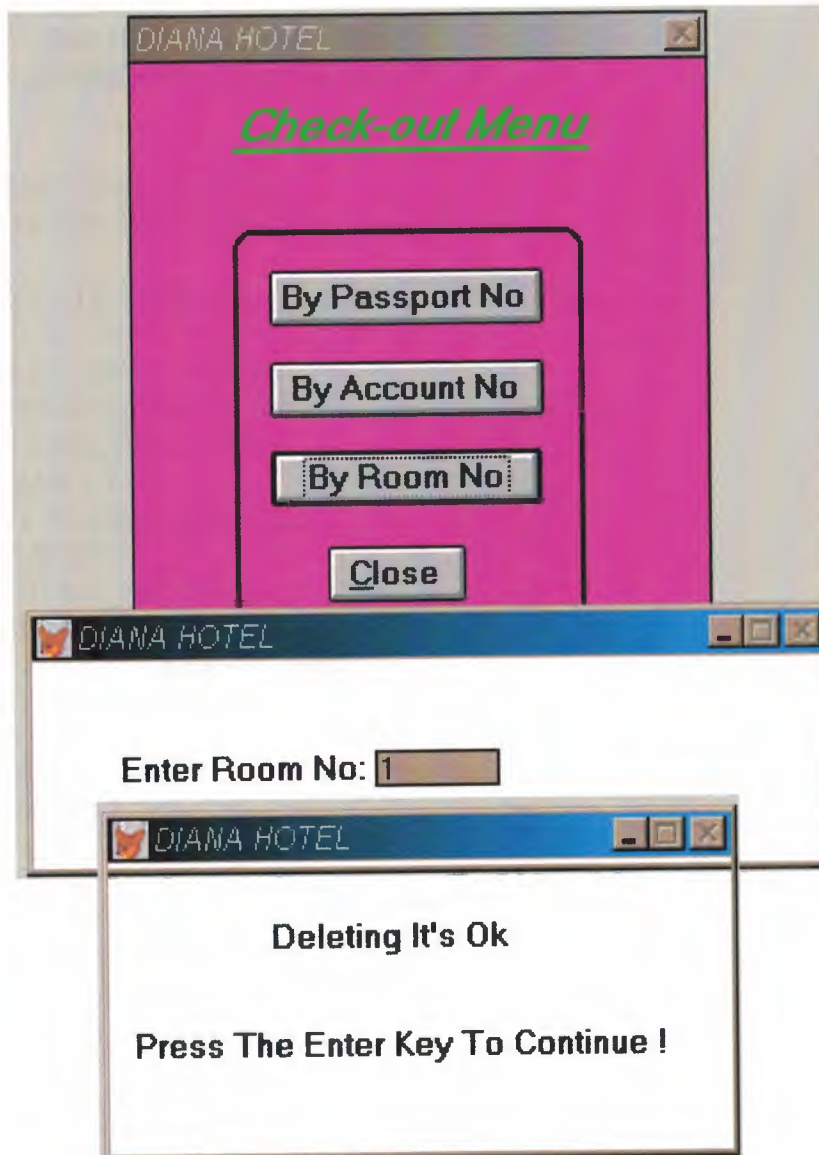
```

```
RELEASE WINDOW _qjn12zbvh  
RETURN
```

```
PROCEDURE loc_dlog  
PRIVATE gfields,i  
DEFINE WINDOW wzlocate FROM 1,1 TO 20,40;  
SYSTEM GROW CLOSE ZOOM FLOAT FONT "MS Sans Serif",8  
MOVE WINDOW wzlocate CENTER  
m.gfields=SET('FIELDS',2)  
IF !EMPTY(RELATION(1))  
SET FIELDS ON  
IF m.gfields # 'GLOBAL'  
SET FIELDS GLOBAL  
ENDIF  
IF EMPTY(FLDLIST())  
m.i=1  
DO WHILE !EMPTY(OBJVAR(m.i))  
IF ATC('M.',OBJVAR(m.i))=0  
SET FIELDS TO (OBJVAR(m.i))  
ENDIF  
m.i = m.i + 1  
ENDDO  
ENDIF  
ENDIF  
BROWSE WINDOW wzlocate NOEDIT NODELETE ;  
NOMENU TITLE C_BRTITLE  
SET FIELDS &gfields  
SET FIELDS OFF  
RELEASE WINDOW wzlocate  
RETURN
```

CHECK-OUT

On the day of departure the reception department has to ensure that all extra bills are paid, all keys returned, and the baggage cleared before the guest or the group departs. The receptionist calls this submenu from the reservation menu. Hence, all three options do the same functions but they have been generated to provide confusion tolerant.





```
SET TALK OFF
IF NOT WEXIST("_03g15dn1c")
    DEFINE WINDOW _03g15dn1c ;
        AT 0.000,0.000 ;
        SIZE 20.538,42.333 ;
        TITLE "DIANA HOTEL" ;
        FONT "MS Sans Serif", 8 ;
        STYLE "B" ;
        FLOAT ;
        CLOSE ;
        MINIMIZE ;
        COLOR RGB(,,255,0,255)
    MOVE WINDOW _03g15dn1c CENTER
ENDIF

IF WVISIBLE("_03g15dn1c")
    ACTIVATE WINDOW _03g15dn1c SAME
ELSE
    ACTIVATE WINDOW _03g15dn1c NOSHOW
ENDIF

@ 15.538,14.333 GET m.exit_btn ;
    PICTURE "@*HN \<Close" ;
    SIZE 1.438,7.625,0.500 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 10 ;
    STYLE "B" ;
    VALID btn_val('EXIT') ;
    MESSAGE 'Close screen.'

@ 1.077,7.333 SAY "Check-out Menu" ;
    FONT "MS Sans Serif", 14 ;
    STYLE "BIT" ;
    COLOR RGB(0,255,0,,,)

@ 2.769,7.500 TO 2.769,33.833 ;
    PEN 2, 8 ;
    STYLE "1" ;
    COLOR RGB(0,255,0,0,255,0)

@ 6.692,10.167 GET A ;
    PICTURE "@*HN By Passport No" ;
    SIZE 1.438,15.125,0.500 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 10 ;
    STYLE "B" ;
    Valid PASS()

@ 9.615,10.167 GET A ;
    PICTURE "@*HN By Account No" ;
    SIZE 1.438,15.125,0.500 ;
```



```

    DEFAULT 1 ;
    FONT "MS Sans Serif", 10 ;
    STYLE "B";
    VALID ACCOUNT()
@ 5.385,7.500 TO 18.462,33.333 ;
    PEN 2, 8 ;
    STYLE "16"
@ 12.462,10.167 GET A ;
    PICTURE "@*HN By Room No" ;
    SIZE 1.438,15.000,0.500 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 10 ;
    STYLE "B";
    VALID ROM()

IF NOT WVISIBLE("_03g15dn1c")
    ACTIVATE WINDOW _03g15dn1c
ENDIF

*****PROCEDURE WHEN THE CHOICE FOUND*****

PROCEDURE FIND
IF NOT WEXIST("_03910y9u2")
    DEFINE WINDOW _03910y9u2 ;
        AT 0.000, 0.000 ;
        SIZE 9.231,55.000 ;
        TITLE "DIANA HOTEL" ;
        FONT "MS Sans Serif", 8 ;
        FLOAT ;
        CLOSE ;
        MINIMIZE ;
        SYSTEM ;
        COLOR RGB(,,255,255,255)
        MOVE WINDOW _03910y9u2 CENTER
ENDIF

IF WVISIBLE("_03910y9u2")
    ACTIVATE WINDOW _03910y9u2 SAME
ELSE
    ACTIVATE WINDOW _03910y9u2 NOSHOW
ENDIF
@ 1.769,14.400 SAY "Deleting It's Ok" ;
    FONT "MS Sans Serif", 10 ;
    STYLE "BT"
@ 5.231,2.200 SAY "Press The Enter Key To Continue !" ;
    FONT "MS Sans Serif", 10 ;

```

```

STYLE "BT"
IF NOT WVISIBLE("_03910y9u2")
ACTIVATE WINDOW _03910y9u2
ENDIF
READ
RELEASE WINDOW _03910y9u2
DO CHECK

```

*****PROCEDURE WHEN THE CHOICE NOT FOUND*****

```

PROCEDURE NOT
IF NOT WEXIST("_03910y9u2")
    DEFINE WINDOW _03910y9u2 ;
        AT 0.000, 0.000 ;
        SIZE 9.231,55.000 ;
        TITLE "DIANA HOTEL" ;
        FONT "MS Sans Serif", 8 ;
        FLOAT ;
        CLOSE ;
        MINIMIZE ;
        SYSTEM ;
        COLOR RGB(,,,255,255,255)
        MOVE WINDOW _03910y9u2 CENTER
ENDIF

```

```

IF WVISIBLE("_03910y9u2")
    ACTIVATE WINDOW _03910y9u2 SAME
ELSE
    ACTIVATE WINDOW _03910y9u2 NOSHOWN
ENDIF
@ 1.769,14.400 SAY "It's Not Found" ;
    FONT "MS Sans Serif", 10 ;
    STYLE "BT"
@ 5.231,2.200 SAY "Press The Enter Key To Continue !" ;
    FONT "MS Sans Serif", 10 ;
    STYLE "BT"
    IF NOT WVISIBLE("_03910y9u2")
        ACTIVATE WINDOW _03910y9u2
    ENDIF
READ
RELEASE WINDOW _03910y9u2
RETURN

```

*****PROCEDURE DELETE BY PASSPORT NO*****

PROCEDURE PASS

IF NOT WEXIST("_0390zsz3a")

 DEFINE WINDOW _0390zsz3a ;

 AT 0.000, 0.000 ;

 SIZE 6.538,70.200 ;

 TITLE "DIANA HOTEL" ;

 FONT "MS Sans Serif", 8 ;

 FLOAT ;

 NOCLOSE ;

 MINIMIZE ;

 SYSTEM ;

 COLOR RGB(,,,255,255,255)

 MOVE WINDOW _0390zsz3a CENTER

ENDIF

IF WVISIBLE("_0390zsz3a")

 ACTIVATE WINDOW _0390zsz3a SAME

ELSE

 ACTIVATE WINDOW _0390zsz3a NOSHOW

ENDIF

@ 2.846,7.800 SAY "Enter Passport No:" ;

 FONT "MS Sans Serif", 10 ;

 STYLE "BT"

IF NOT WVISIBLE("_0390zsz3a")

ACTIVATE WINDOW _0390zsz3a

ENDIF

your_ch=space(10)

@2.999,34.800 get your_ch

read

release window _0390zsz3a

use c:\project\data.dbf

locate all for alltrim(passport_no)=alltrim(your_ch)

if found()

delete

do find

else

DO not

endif

DO check

RETURN

*****PROCEDURE DELETE BY ACCOUNT NO*****

PROCEDURE ACCOUNT

```
IF NOT WEXIST("_0390zsz3a")
    DEFINE WINDOW _0390zsz3a ;
        AT 0.000, 0.000 ;
        SIZE 6.538,70.200 ;
        TITLE "DIANA HOTEL" ;
        FONT "MS Sans Serif", 8 ;
        FLOAT ;
        NOCLOSE ;
        MINIMIZE ;
        SYSTEM ;
        COLOR RGB(,,,255,255,255)
        MOVE WINDOW _0390zsz3a CENTER
ENDIF
```

```
IF WVISIBLE("_0390zsz3a")
    ACTIVATE WINDOW _0390zsz3a SAME
ELSE
    ACTIVATE WINDOW _0390zsz3a NOSHOW
ENDIF
@ 2.846,7.800 SAY "Enter Account No:" ;
    FONT "MS Sans Serif", 10 ;
    STYLE "BT"
```

```
IF NOT WVISIBLE("_0390zsz3a")
    ACTIVATE WINDOW _0390zsz3a
ENDIF
your_ch=space(10)
@2.999,33.800 get your_ch
read
release window _0390zsz3a
use c:\project\data.dbf
locate all for alltrim(account_no)=alltrim(your_ch)
if found() then
    delete
do find
else
    DO not
endif
DO check
RETURN
```


*****PROCEDURE DELETING BY ROOM NO*****
PROCEDURE ROM

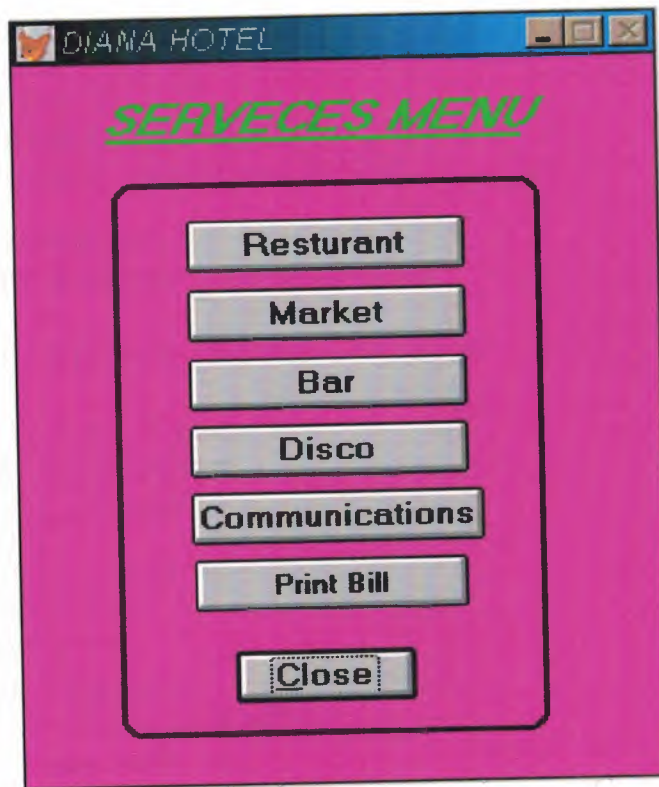
```
IF NOT WEXIST("_0390zsz3a")
    DEFINE WINDOW _0390zsz3a ;
        AT 0.000, 0.000 ;
        SIZE 6.538,70.200 ;
        TITLE "DIANA HOTEL" ;
        FONT "MS Sans Serif", 8 ;
        FLOAT ;
        NOCLOSE ;
        MINIMIZE ;
        SYSTEM ;
        COLOR RGB(,,255,255,255)
        MOVE WINDOW _0390zsz3a CENTER
ENDIF

IF WVISIBLE("_0390zsz3a")
    ACTIVATE WINDOW _0390zsz3a SAME
ELSE
    ACTIVATE WINDOW _0390zsz3a NOSHOW
ENDIF
@ 2.846,7.800 SAY "Enter Room No:" ;
    FONT "MS Sans Serif", 10 ;
    STYLE "BT"

IF NOT WVISIBLE("_0390zsz3a")
    ACTIVATE WINDOW _0390zsz3a
ENDIF
your_ch=space(10)
@2.999,30.800 get your_ch
read
release window _0390zsz3a
use c:\project\data.dbf
locate all for alltrim(Room_no)=alltrim(your_ch)
if found() then
    delete
do find
else
    DO not
endif
DO check
RETURN
```

FACILITIES AND SERVICES

Facilities and services can best described as both recreational and exercise-oriented. Most of the recreational facilities are commonly found as part of hotels guest facilities.



```

SET TALK OFF
IF NOT WEXIST("_038190rvv")
    DEFINE WINDOW _038190rvv ;
        AT 0.000, 0.000 ;
        SIZE 24.769, 43.667 ;
        TITLE "DIANA HOTEL" ;
        FONT "MS Sans Serif", 8 ;
        STYLE "B" ;
        FLOAT ;
        CLOSE ;
        MINIMIZE ;
        COLOR RGB(,,,255,0,255)
    MOVE WINDOW _038190rvv CENTER
ENDIF
IF WVISIBLE("_038190rvv")
    ACTIVATE WINDOW _038190rvv SAME
ELSE
    ACTIVATE WINDOW _038190rvv NOSHOW
ENDIF
@ 20.308, 14.500 GET m.exit_btn ;
    PICTURE "@*HN \<Close" ;
    SIZE 1.438, 9.250, 0.500 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 10 ;
    STYLE "B" ;
    VALID bt('EXIT') ;
    MESSAGE 'Close screen.'
@ 1.000, 5.667 SAY "SERVECES MENU" ;
    FONT "MS Sans Serif", 14 ;
    STYLE "BIT" ;
    COLOR RGB(0, 255, 0, 0, 255, 0)
@ 2.615, 6.333 TO 2.615, 34.666 ;
    PEN 2, 8 ; STYLE "1" ;
    COLOR RGB(0, 255, 0, 0, 255, 0)
@ 5.462, 11.667 GET A ;
    PICTURE "@*HN Resturant" ;
    SIZE 1.438, 14.250, 0.500 ;
    DEFAULT 1 ; FONT "MS Sans Serif", 10 ;
    STYLE "B"; VALID bt('Resturant')
@ 7.846, 11.667 GET A ;
    PICTURE "@*HN Market" ;
    SIZE 1.438, 14.250, 0.500 ;
    DEFAULT 1 ; FONT "MS Sans Serif", 10 ;
    STYLE "B"; VALID bt('Market')
@ 10.231, 11.667 GET A ;
    PICTURE "@*HN Bar" ;

```

```

    SIZE 1.438,14.250,0.500 ;
    DEFAULT 1 ; FONT "MS Sans Serif", 10 ;
    STYLE "B";VALID bt('Bar')
@ 12.538,11.667 GET A ;
    PICTURE "@*HN Disco" ;
    SIZE 1.438,14.250,0.500 ;
    DEFAULT 1 ; FONT "MS Sans Serif", 10 ;
    STYLE "B";VALID bt('Disco')
@ 14.846,11.667 GET A ;
    PICTURE "@*HN Communications" ;
    SIZE 1.438,14.250,0.500 ;
    DEFAULT 1 ; FONT "MS Sans Serif", 10 ;
    STYLE "B";VALID bt('Communications')
@ 4.154,6.667 TO 23.231,35.834 ;
    PEN 2, 8 ;STYLE "16"
@ 17.154,11.833 GET A ;
    PICTURE "@*HN Print Bill" ;
    SIZE 1.769,18.667,0.667 ;
    DEFAULT 1 ; FONT "MS Sans Serif", 8 ;
    STYLE "B";VALID bt('Print Bill')
IF NOT WVISIBLE("_038190rvv")
    ACTIVATE WINDOW _038190rvv
ENDIF
READ CYCLE
PROCEDURE BT
    PARAMETER m.btnname
    DO CASE
CASE m.btnname='Resturant'
    Do c:\project\resturan.prg
CASE m.btnname='Market'
    DO c:\project\market.prg
CASE m.btnname='Bar'
    DO c:\project\bar.prg
CASE m.btnname='Disco'
    DO c:\project\disco.prg
CASE m.btnname='Communications'
    DO c:\project\commuicat.prg
CASE m.btnname='Print Bill'
    Do c:\project\form.prg
CASE m.btnname='EXIT'
    set sysm to defa
DEACTIVATE WINDOW _038190rvv
RELEASE WINDOW _038190rvv
    ENDCASE
RETURN

```


Once the customer has used one of these services, then the responsible worker has to fill in the database related to that customer the following information.

DIANA HOTEL

Services Menu Information

Name.

Surname.

Room No.

Date. (mm/dd/yy)

Time. (24 Hour)

Account No.

Kind of Service.

Bill Amount. \$

Top **Prev** **Next** **End** **Locate** **Add** **Edit** **Delete** **Print** **Close**

```

SET TALK OFF
#REGION 1
PRIVATE wzfields,wztalk
IF SET("TALK") = "ON"
    SET TALK OFF
    m.wztalk = "ON"
ELSE
    m.wztalk = "OFF"
ENDIF
m.wzfields=SET('FIELDS')
SET FIELDS OFF
IF m.wztalk = "ON"
    SET TALK ON
ENDIF

#REGION 0
REGIONAL m.currarea, m.talkstat, m.compstat

IF SET("TALK") = "ON"
    SET TALK OFF
    m.talkstat = "ON"
ELSE
    m.talkstat = "OFF"
ENDIF
m.compstat = SET("COMPATIBLE")
SET COMPATIBLE FOXPLUS

m.rborder = SET("READBORDER")
SET READBORDER ON
m.currarea = SELECT()

* *****
* *
* *   S5815785/Windows Databases, Indexes, Relations
* *
* *****
*

IF USED("services")
    SELECT services
    SET ORDER TO 0
ELSE
    SELECT 0
    USE (LOCFILE("\project\services.dbf", "DBF", "Where is services?"));
    AGAIN ALIAS services ;
    ORDER 0

```

ENDIF

```
* *****
*
*      Windows Window definitions
*
* *****
```

```
IF NOT WEXIST("_03x0x8bqi")
    DEFINE WINDOW _03x0x8bqi ;
        AT 0.000, 0.000 ;
        SIZE 25.385,84.000 ;
        TITLE "DIANA HOTEL" ;
        FONT "MS Sans Serif", 8 ;
        STYLE "B" ;
        FLOAT ;
        CLOSE ;
        MINIMIZE ;
        COLOR RGB(,,255,0,255)
    MOVE WINDOW _03x0x8bqi CENTER
ENDIF
```

```
* *****
*
*      SERVICES/Windows Setup Code - SECTION 2
*
* *****
```

#REGION 1

#DEFINE C_DBFEMPTY	'Database is empty, add a record?'
#DEFINE C_EDITS	'Please finish your edits.'
#DEFINE C_TOPFILE	'Top of file.'
#DEFINE C_ENDFILE	'End of file.'
#DEFINE C_BRTITLE	'Locate Record'
#DEFINE C_NOLOCK	'Sorry, could not lock record -- try again later.'
#DEFINE C_ECANCEL	'Edits Canceled.'
#DEFINE C_DELREC	'Delete selected record?'
#DEFINE C_NOFEAT	'Feature not available yet.'
#DEFINE C_NOWIZ	'Wizard application is not available.'
#DEFINE C_MAKEREPO	'Creating report with Report Wizard.'
#DEFINE C_NOREPO	'Could not create report.'
#DEFINE C_DELNOTE	'Deleting records...'
#DEFINE C_READONLY	'Table is read-only. No editing allowed.'
#DEFINE C_NOTABLE	'No table selected. Open table or run query.'

```
#DEFINE C_BADEXPB      'Invalid expression.'
#DEFINE C_LOCWIZ        'Locate WIZARD.APP:'
#DEFINE C_MULTITABLE 'You have multiple related tables. Adding records in not
allowed.'
```

```
MOVE WINDOW '_03x0x8bqi' CENTER
PRIVATE isediting,isadding,wztblarr
PRIVATE wzolddelete,wzolderror,wzoldesc
PRIVATE wzalias, tempcurs,wzlastrec
PRIVATE isreadonly,find_drop,is2table
```

```
IF EMPTY(ALIAS())
    WAIT WINDOW C__NOTABLE
    RETURN
ENDIF
```

```
m.wztblarr= "
m.wzalias=SELECT()
m.isediting=.F.
m.isadding=.F.
m.is2table = .F.
m.wzolddelete=SET('DELETE')
SET DELETED ON
m.tempcurs=SYS(2015) &&used if General field
m.wzlastrec = 1
m.wzolderror=ON('error')
ON ERROR DO wizerrorhandler
wzoldesc=ON('KEY','ESCAPE')
ON KEY LABEL ESCAPE
m.find_drop = IIF(_DOS,0,2)
```

```
m.isreadonly=IIF(ISREAD(),.T.,.F.)
IF m.isreadonly
    WAIT WINDOW C_READONLY TIMEOUT 1
ENDIF
```

```
IF RECCOUNT()=0 AND !m.isreadonly AND fox_alert(C_DBFEMPTY)
    APPEND BLANK
ENDIF
```

```
GOTO TOP
SCATTER MEMVAR MEMO
```

```
* *****
*
*      SERVICES/Windows Screen Layout
```



```
*
*
* *****
```

```
#REGION 1
IF WVISIBLE("_03x0x8bqi")
    ACTIVATE WINDOW _03x0x8bqi SAME
ELSE
    ACTIVATE WINDOW _03x0x8bqi NOSHOWN
ENDIF
@ 0.231,15.000 SAY "Services Menu Information" ;
    FONT "MS Sans Serif", 18 ;
    STYLE "BIT" ;
    COLOR RGB(0,255,0,,,)
@ 5.923,26.333 SAY "Name:" ;
    SIZE 1.000,9.000 ;
    FONT "MS Sans Serif", 10 ;
    STYLE "BIT" ;
    PICTURE "@J" ;
    COLOR RGB(,,255,255,255)
@ 5.923,40.667 GET m.name ;
    SIZE 1.000,8.000 ;
    DEFAULT " " ;
    FONT "MS Sans Serif", 10 ;
    PICTURE "@K XXXXXXXX" ;
    WHEN isediting ;
    COLOR ,RGB(0,0,0,255,255,255)
@ 7.769,26.333 SAY "Surname:" ;
    SIZE 1.000,9.000 ;
    FONT "MS Sans Serif", 10 ;
    STYLE "BIT" ;
    PICTURE "@J" ;
    COLOR RGB(,,255,255,255)
@ 7.769,40.667 GET m.surname ;
    SIZE 1.000,8.000 ;
    DEFAULT " " ;
    FONT "MS Sans Serif", 10 ;
    PICTURE "@K XXXXXXXX" ;
    WHEN isediting ;
    COLOR ,RGB(0,0,0,255,255,255)
@ 9.615,26.333 SAY "Room No:" ;
    SIZE 1.000,9.000 ;
    FONT "MS Sans Serif", 10 ;
    STYLE "BIT" ;
    PICTURE "@J" ;
    COLOR RGB(,,255,255,255)
@ 9.615,40.667 GET m.room_no ;
```

SIZE 1.000,4.286 ;
 DEFAULT " " ;
 FONT "MS Sans Serif", 10 ;
 PICTURE "@K 999" ;
 WHEN isediting ;
 COLOR ,RGB(0,0,0,255,255,255)
 @ 11.462,26.333 SAY "Date:" ;
 SIZE 1.000,9.000 ;
 FONT "MS Sans Serif", 10 ;
 STYLE "BIT" ;
 PICTURE "@J" ;
 COLOR RGB(,,,255,255,255)
 @ 11.462,40.667 GET m.date ;
 SIZE 1.000,7.714 ;
 DEFAULT " " ;
 FONT "MS Sans Serif", 10 ;
 PICTURE "@K" ;
 WHEN isediting ;
 COLOR ,RGB(0,0,0,255,255,255)
 @ 13.308,26.333 SAY "Time:" ;
 SIZE 1.000,9.000 ;
 FONT "MS Sans Serif", 10 ;
 STYLE "BIT" ;
 PICTURE "@J" ;
 COLOR RGB(,,,255,255,255)
 @ 13.308,40.667 GET m.time ;
 SIZE 1.000,6.857 ;
 DEFAULT " " ;
 FONT "MS Sans Serif", 10 ;
 PICTURE "@K XXXXXX" ;
 WHEN isediting ;
 COLOR ,RGB(0,0,0,255,255,255)
 @ 15.154,20.833 SAY "Account No:" ;
 SIZE 1.000,13.125 ;
 FONT "MS Sans Serif", 10 ;
 STYLE "BIT" ;
 PICTURE "@J" ;
 COLOR RGB(,,,255,255,255)
 @ 15.154,40.667 GET m.account_no ;
 SIZE 1.000,11.143 ;
 DEFAULT " " ;
 FONT "MS Sans Serif", 10 ;
 PICTURE "@K 9,999,999,999" ;
 WHEN isediting ;
 COLOR ,RGB(0,0,0,255,255,255)
 @ 17.000,18.833 SAY "Kind of Servece:" ;

```

SIZE 1.000,14.625 ;
FONT "MS Sans Serif", 10 ;
STYLE "BIT" ;
PICTURE "@J" ;
COLOR RGB(,,,255,255,255)
@ 18.846,20.833 SAY "Bill Amount:" ;
SIZE 1.000,13.125 ;
FONT "MS Sans Serif", 10 ;
STYLE "BIT" ;
PICTURE "@J" ;
COLOR RGB(,,,255,255,255)
@ 18.846,40.667 GET m.bill_ amoun ;
SIZE 1.000,6.286 ;
DEFAULT " " ;
FONT "MS Sans Serif", 10 ;
PICTURE "@K XXXX" ;
WHEN isediting ;
COLOR ,RGB(0,0,0,255,255,255)
@ 22.231,1.667 GET m.top_btn ;
PICTURE "@*HN \<Top" ;
SIZE 1.769,7.833,0.667 ;
DEFAULT 1 ;
FONT "MS Sans Serif", 8 ;
STYLE "B" ;
VALID btn_val('TOP') ;
MESSAGE 'Go to first record.'
@ 22.231,9.667 GET m.prev_btn ;
PICTURE "@*HN \<Prev" ;
SIZE 1.769,7.833,0.667 ;
DEFAULT 1 ;
FONT "MS Sans Serif", 8 ;
STYLE "B" ;
VALID btn_val('PREV') ;
MESSAGE 'Go to previous record.'
@ 22.231,17.667 GET m.next_btn ;
PICTURE "@*HN \<Next" ;
SIZE 1.769,7.833,0.667 ;
DEFAULT 1 ;
FONT "MS Sans Serif", 8 ;
STYLE "B" ;
VALID btn_val('NEXT') ;
MESSAGE 'Go to next record.'
@ 22.231,25.667 GET m.end_btn ;
PICTURE "@*HN \<End" ;
SIZE 1.769,7.833,0.667 ;
DEFAULT 1 ;

```

```

SIZE 1.769,7.833,0.667 ;
DEFAULT 1 ;
FONT "MS Sans Serif", 8 ;
STYLE "B" ;
VALID btn_val('EXIT') ;
MESSAGE 'Close screen.'
@ 2.308,16.333 TO 2.308,66.666 ;
PEN 2, 8 ;
STYLE "1" ;
COLOR RGB(0,255,0,0,255,0)
@ 11.308,49.833 SAY "(mm/dd/yy)" ;
FONT "MS Sans Serif", 10 ;
STYLE "BIT" ;
COLOR RGB(0,0,0,,,)
@ 13.308,48.833 SAY "(24 Hour)" ;
FONT "MS Sans Serif", 10 ;
STYLE "BIT" ;
COLOR RGB(0,0,0,,,)
@ 18.846,48.667 SAY "$" ;
FONT "MS Sans Serif", 10 ;
STYLE "T" ;
COLOR RGB(0,0,0,,,)
@ 16.846,40.167 GET m.kind_serve ;
PICTURE "@^ Telepone;Fax;Mail;Internet" ;
SIZE 1.538,12.667 ;
DEFAULT "Telepone" ;
FONT "MS Sans Serif", 8 ;
STYLE "B"
@ 4.615,16.500 TO 21.461,66.167 ;
PEN 2, 8 ;
STYLE "16"

```

```

IF NOT WVISIBLE("_03x0x8bqi")
    ACTIVATE WINDOW _03x0x8bqi
ENDIF

```

```

* *****
* *
* *   WindowsREAD contains clauses from SCREEN s5815785
* *
* *****

```

```

READ CYCLE ;
    ACTIVATE READACT() ;
    DEACTIVATE READDEAC() ;
    NOLOCK

```



```

FONT "MS Sans Serif", 8 ;
STYLE "B" ;
VALID btn_val('END') ;
MESSAGE 'Go to last record.'
@ 22.231,33.667 GET m.loc_btn ;
PICTURE "@*HN \<Locate" ;
SIZE 1.769,7.833,0.667 ;
DEFAULT 1 ;
FONT "MS Sans Serif", 8 ;
STYLE "B" ;
VALID btn_val('LOCATE') ;
MESSAGE 'Locate a record.'
@ 22.231,41.667 GET m.add_btn ;
PICTURE "@*HN \<Add" ;
SIZE 1.769,7.833,0.667 ;
DEFAULT 1 ;
FONT "MS Sans Serif", 8 ;
STYLE "B" ;
VALID btn_val('ADD') ;
MESSAGE 'Add a new record.'
@ 22.231,49.667 GET m.edit_btn ;
PICTURE "@*HN Ed\<it" ;
SIZE 1.769,7.833,0.667 ;
DEFAULT 1 ;
FONT "MS Sans Serif", 8 ;
STYLE "B" ;
VALID btn_val('EDIT') ;
MESSAGE 'Edit current record.'
@ 22.231,57.667 GET m.del_btn ;
PICTURE "@*HN \<Delete" ;
SIZE 1.769,7.833,0.667 ;
DEFAULT 1 ;
FONT "MS Sans Serif", 8 ;
STYLE "B" ;
VALID btn_val('DELETE') ;
MESSAGE 'Delete current record.'
@ 22.231,65.667 GET m.prnt_btn ;
PICTURE "@*HN P\<rint" ;
SIZE 1.769,7.833,0.667 ;
DEFAULT 1 ;
FONT "MS Sans Serif", 8 ;
STYLE "B" ;
VALID btn_val('PRINT') ;
MESSAGE 'Print report.'
@ 22.231,73.667 GET m.exit_btn ;
PICTURE "@*HN \<Close" ;

```

RELEASE WINDOW _03x0x8bqi

```
* *****
*
*      Windows Closing Databases
*
* *****
```

```
IF USED("services")
    SELECT services
    USE
ENDIF
```

```
#REGION 0
SET READBORDER &rborder
IF m.talkstat = "ON"
    SET TALK ON
ENDIF
IF m.compstat = "ON"
    SET COMPATIBLE ON
ENDIF
```

```
#REGION 1
SET DELETED &wzolddelete
SET FIELDS &wzfields
ON ERROR &wzolderror
ON KEY LABEL ESCAPE &wzoldesc
DO CASE
CASE _DOS AND SET('DISPLAY')='VGA25'
    @24,0 CLEAR TO 24,79
CASE _DOS AND SET('DISPLAY')='VGA50'
    @49,0 CLEAR TO 49,79
CASE _DOS
    @24,0 CLEAR TO 24,79
ENDCASE
```

```
#REGION 1
PROCEDURE readdeac
    IF isediting
        ACTIVATE WINDOW '_03x0x8bqi'
        WAIT WINDOW C_EDIT$ NOWAIT
    ENDIF
    IF !WVISIBLE(WOUTPUT())
        CLEAR READ
        RETURN .T.
    ENDIF
    RETURN .F.
```

```

PROCEDURE readact
  IF !isediting
    SELECT (m.wzalias)
    SHOW GETS
  ENDIF
  DO REFRESH
RETURN
PROCEDURE wizerrorhandler
  WAIT WINDOW message()
RETURN
PROCEDURE printrec
  PRIVATE sOldError,wizfname,saverec,savearea,tmpcurs,tmpstr
  PRIVATE prnt_btn,p_recs,p_output,pr_out,pr_record
  STORE 1 TO p_recs,p_output
  STORE 0 TO prnt_btn
  STORE RECNO() TO saverec
  m.sOldError=ON('error')
  DO pdialog
  IF m.prnt_btn = 2
    RETURN
  ENDIF
  IF !FILE(ALIAS()+'FRX')
    m.wizfname=SYS(2004)+'WIZARDS\'+'WIZARD.APP'
    IF !FILE(m.wizfname)
      ON ERROR *
      m.wizfname=LOCFILE('WIZARD.APP','APP',C_LOCWIZ)
      ON ERROR &sOldError
      IF !'WIZARD.APP'$UPPER(m.wizfname)
        WAIT WINDOW C_NOWIZ
        RETURN
      ENDIF
    ENDIF
  ENDIF
  WAIT WINDOW C_MAKEREPO NOWAIT
  m.savearea=SELECT()
  m.tmpcurs='_'+LEFT(SYS(3),7)
  CREATE CURSOR (m.tmpcurs) (comment m)
  m.tmpstr = '* LAYOUT = COLUMNAR'+CHR(13)+CHR(10)
  INSERT INTO (m.tmpcurs) VALUES(m.tmpstr)
  SELECT (m.savearea)
  DO (m.wizfname) WITH
", 'WZ_QREPO',NOSCRN/CREATE',ALIAS(),m.tmpcurs
  USE IN (m.tmpcurs)
  WAIT CLEAR
  IF !FILE(ALIAS()+'FRX') &&wizard could not create report
    WAIT WINDOW C_NOREPO
  RETURN

```

```

        ENDIF
    ENDIF
    m.pr_out=IIF(m.p_output=1,'TO PRINT NOCONSOLE','PREVIEW')
    m.pr_record=IIF(m.p_recs=1,'NEXT 1','ALL')
    REPORT FORM (ALIAS()) &pr_out &pr_record
    GO m.saverec
RETURN
PROCEDURE BTN_VAL
    PARAMETER m.btnname
    DO CASE
    CASE m.btnname='TOP'
        GO TOP
        WAIT WINDOW C_TOPFILE NOWAIT
    CASE m.btnname='PREV'
        IF !BOF()
            SKIP -1
        ENDIF
        IF BOF()
            WAIT WINDOW C_TOPFILE NOWAIT
            GO TOP
        ENDIF
    CASE m.btnname='NEXT'
        IF !EOF()
            SKIP 1
        ENDIF
        IF EOF()
            WAIT WINDOW C_ENDFILE NOWAIT
            GO BOTTOM
        ENDIF
    CASE m.btnname='END'
        GO BOTTOM
        WAIT WINDOW C_ENDFILE NOWAIT
    CASE m.btnname='LOCATE'
        DO loc_dlog
    CASE m.btnname='ADD' AND !isediting &&add record
        isediting=.T.
        isadding=.T.
        =edithand('ADD')
        _curobj=1
        DO refresh
        SHOW GETS
        RETURN
    CASE m.btnname='EDIT' AND !isediting &&edit record
        IF EOF() OR BOF()
            WAIT WINDOW C_ENDFILE NOWAIT
            RETURN

```



```

ENDIF
IF RLOCK()
    isediting=.T.
    _curobj=1
    DO refresh
    RETURN
ELSE
    WAIT WINDOW C_NOLOCK
ENDIF
CASE m.btnname='EDIT' AND isediting &&save record
    IF isadding
        =edithand('SAVE')
    ELSE
        GATHER MEMVAR MEMO
    ENDIF
    UNLOCK
    isediting=.F.
    isadding=.F.
    DO refresh
CASE m.btnname='DELETE' AND isediting &&cancel record
    IF isadding
        =edithand('CANCEL')
    ENDIF
    isediting=.F.
    isadding=.F.
    UNLOCK
    WAIT WINDOW C_ECANCEL NOWAIT
    DO refresh
CASE m.btnname='DELETE'
    IF EOF() OR BOF()
        WAIT WINDOW C_ENDFILE NOWAIT
        RETURN
    ENDIF
    IF fox_alert(C_DELREC)
        DELETE
        IF !EOF() AND DELETED()
            SKIP 1
        ENDIF
    ENDIF
    IF EOF()
        WAIT WINDOW C_ENDFILE NOWAIT
        GO BOTTOM
    ENDIF
ENDIF
CASE m.btnname='PRINT'
    DO printrec
    RETURN

```

```

CASE m.btnname='EXIT'
    m.bailout=.T. &&this is needed if used with FoxApp
    CLEAR READ
    RETURN
ENDCASE
SCATTER MEMVAR MEMO
SHOW GETS
RETURN
PROCEDURE REFRESH
DO CASE
CASE m.isreadonly AND RECCOUNT()=0
    SHOW GETS DISABLE
    SHOW GET exit_btn ENABLE
CASE m.isreadonly
    SHOW GET add_btn DISABLE
    SHOW GET del_btn DISABLE
    SHOW GET edit_btn DISABLE
CASE (RECCOUNT()=0 OR EOF()) AND !m.isediting
    SHOW GETS DISABLE
    SHOW GET add_btn ENABLE
    SHOW GET exit_btn ENABLE
CASE m.isediting
    SHOW GET find_drop DISABLE
    SHOW GET top_btn DISABLE
    SHOW GET prev_btn DISABLE
    SHOW GET loc_btn DISABLE
    SHOW GET next_btn DISABLE
    SHOW GET end_btn DISABLE
    SHOW GET add_btn DISABLE
    SHOW GET prnt_btn DISABLE
    SHOW GET exit_btn DISABLE
    SHOW GET edit_btn,1 PROMPT "\<Save"
    SHOW GET del_btn,1 PROMPT "\<Cancel"
    ON KEY LABEL ESCAPE DO BTN_VAL WITH 'DELETE'
    RETURN
OTHERWISE
    SHOW GET edit_btn,1 PROMPT "Ed\<it"
    SHOW GET del_btn,1 PROMPT "\<Delete"
    SHOW GETS ENABLE
ENDCASE
IF m.is2table
    SHOW GET add_btn DISABLE
ENDIF
ON KEY LABEL ESCAPE
RETURN
PROCEDURE edithand

```

```

PARAMETER m.paction
DO CASE
CASE m.paction = 'ADD'
    SCATTER MEMVAR MEMO BLANK
CASE m.paction = 'SAVE'
    INSERT INTO (ALIAS()) FROM MEMVAR
CASE m.paction = 'CANCEL'
ENDCASE
RETURN
PROCEDURE fox_alert
    PARAMETER wzalrtmess
    PRIVATE alrtbtn
    m.alrtbtn=2
    DEFINE WINDOW _qec1ij2t7 AT 0,0 SIZE 8,50 ;
    FONT "MS Sans Serif",10 STYLE 'B' ;
    FLOAT NOCLOSE NOMINIMIZE DOUBLE TITLE WTITLE()
    MOVE WINDOW _qec1ij2t7 CENTER
    ACTIVATE WINDOW _qec1ij2t7 NOSHOW
    @ 2,(50-txtwidth(wzalrtmess))/2 SAY wzalrtmess;
    FONT "MS Sans Serif", 10 STYLE "B"
    @ 6,18 GET m.alrtbtn ;
    PICTURE "@*HT \<OK;\?!\\<Cancel" ;
    SIZE 1.769,8.667,1.333 ;
    FONT "MS Sans Serif", 8 STYLE "B"
    ACTIVATE WINDOW _qec1ij2t7
    READ CYCLE MODAL
    RELEASE WINDOW _qec1ij2t7
RETURN m.alrtbtn=1
PROCEDURE pdialog
    DEFINE WINDOW _qjn12zbvh ;
    AT 0.000, 0.000 ;
    SIZE 13.231,54.800 ;
    TITLE "Microsoft FoxPro" ;
    FONT "MS Sans Serif", 8 ;
    FLOAT NOCLOSE MINIMIZE SYSTEM
    MOVE WINDOW _qjn12zbvh CENTER
    ACTIVATE WINDOW _qjn12zbvh NOSHOW
    @ 2.846,33.600 SAY "Output:" ;
    FONT "MS Sans Serif", 8 ;
    STYLE "BT"
    @ 2.846,4.800 SAY "Print:" ;
    FONT "MS Sans Serif", 8 ;
    STYLE "BT"
    @ 4.692,7.200 GET m.p_recs ;
    PICTURE "@*RVN \<Current Record;\<All Records" ;
    SIZE 1.308,18.500,0.308 ;

```

```

        DEFAULT 1 ;
        FONT "MS Sans Serif", 8 ;
        STYLE "BT"
    @ 4.692,36.000 GET m.p_output ;
        PICTURE "@*RVN \<Printer;Pre\<view" ;
        SIZE 1.308,12.000,0.308 ;
        DEFAULT 1 ;
        FONT "MS Sans Serif", 8 ;
        STYLE "BT"
    @ 10.154,16.600 GET m.prnt_btn ;
        PICTURE "@*HT P\<rint;Ca\<ncel" ;
        SIZE 1.769,8.667,0.667 ;
        DEFAULT 1 ;
        FONT "MS Sans Serif", 8 ;
        STYLE "B"
    ACTIVATE WINDOW _qjn12zbvh
    READ CYCLE MODAL
    RELEASE WINDOW _qjn12zbvh
RETURN
PROCEDURE loc_dlog
    PRIVATE gfields,i
    DEFINE WINDOW wzlocate FROM 1,1 TO 20,40;
        SYSTEM GROW CLOSE ZOOM FLOAT FONT "MS Sans Serif",8
    MOVE WINDOW wzlocate CENTER
    m.gfields=SET('FIELDS',2)
    IF !EMPTY(RELATION(1))
        SET FIELDS ON
        IF m.gfields # 'GLOBAL'
            SET FIELDS GLOBAL
        ENDIF
        IF EMPTY(FLDLIST())
            m.i=1
            DO WHILE !EMPTY(OBJVAR(m.i))
                IF ATC('M.',OBJVAR(m.i))=0
                    SET FIELDS TO (OBJVAR(m.i))
                ENDIF
                m.i = m.i + 1
            ENDDO
        ENDIF
    ENDIF
    BROWSE WINDOW wzlocate NOEDIT NODELETE ;
        NOMENU TITLE C_BRTITLE
    SET FIELDS &gfields
    SET FIELDS OFF
    RELEASE WINDOW wzlocate
RETURN

```


HOUSEKEEPING

Housekeeping may be defined as the provision of clean, comfortable and safe environment, so the housekeeping is important department of the hotel and the largest department.

In my program a simple housekeeping options menu is being generated, which are mainly related to the customer satisfaction.



```

SET TALK OFF
IF NOT WEXIST("_02o0e5hcl")
    DEFINE WINDOW _02o0e5hcl ;
        AT 0.000, 0.000 ;
        SIZE 15.846, 50.000 ;
        TITLE "DIANA HOTEL" ;
        FONT "MS Sans Serif", 8 ;
        STYLE "B" ;
        FLOAT ;
        CLOSE ;
        MINIMIZE ;
        COLOR RGB(,,,255,0,255)
    MOVE WINDOW _02o0e5hcl CENTER
ENDIF
IF WVISIBLE("_02o0e5hcl")
    ACTIVATE WINDOW _02o0e5hcl SAME
ELSE
    ACTIVATE WINDOW _02o0e5hcl NOSHOW
ENDIF
@ 10.231, 18.500 GET m.exit_btn ;
    PICTURE "@*HN \<Close" ;
    SIZE 1.438, 7.625, 0.500 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 10 ;
    STYLE "B" ; VALID bt('EXIT') ;
    MESSAGE 'Close screen.'
@ 0.846, 8.167 SAY "Housekeeping Menu" ;
    FONT "MS Sans Serif", 14 ;
    STYLE "BIT" ;
    COLOR RGB(0, 255, 0, 0, 255, 0)
@ 5.000, 12.500 GET A ;
    PICTURE "@*HN Rooms" ;
    SIZE 1.438, 16.625, 0.500 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 10 ;
    STYLE "B" ;
    VALID bt('Hotel Rooms')
@ 7.615, 12.333 GET A ;
    PICTURE "@*HN Laundry " ;
    SIZE 1.438, 16.750, 0.500 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 10 ;
    STYLE "B" ;
    VALID bt('Washing Machine')
@ 2.538, 8.167 TO 2.538, 41.500 ;
    PEN 2, 8 ;

```

```

STYLE "1";
COLOR RGB(0,255,0,0,255,0)
@ 4.231,9.167 TO 12.769,37.667 ;
PEN 2, 8 ;    STYLE "16"
IF NOT WVISIBLE("_02o0e5hcl")
    ACTIVATE WINDOW _02o0e5hcl
ENDIF
READ CYCLE
PROCEDURE BT
    PARAMETER m.btnname
    DO CASE
CASE m.btnname='Hotel Rooms'
    Do c:\project\keep1.prg
CASE m.btnname='Washing Machine'
    DO c:\project\keep2.prg
CASE m.btnname='EXIT'
    set sysm to defa
DEACTIVATE WINDOW _02o0e5hcl
RELEASE WINDOW _02o0e5hcl
    ENDCASE
RETURN

```

ROOMS (Guest Rooms)

Of all the areas in the hotel that are the housekeeper's responsible, the one that often appears to the public to be the simplest is the guest rooms, simplest because all it seems to entail is cleaning the room, changing the linens, and making up the bed.

The following data is to be entered to the housekeeping management file

The screenshot shows a software window titled "DIANA HOTEL" with a pink background. The main heading is "Rooms Housekeeping" in green, underlined. Below this, a central white box contains the following fields:

- Room No.** with a text input field containing the number "0".
- Flat.** with a dropdown menu.
- Room Type.** with a dropdown menu.
- Room Position.** with a dropdown menu.
- Cleaning Date.** with a date input field showing " / / " followed by "mm/dd/yy".
- Cleaning Time.** with a time input field followed by "(24 Hour)".
- House Keeper.** with a text input field.

At the bottom of the window, there is a row of buttons: Top, Prev, Next, End, Locate, Add, Edit (highlighted with a dotted border), Delete, Print, and Close.

Note; the housekeeper name is to be entered in the sense of security.


```

* *****
*
*      KEEP1/Windows Setup Code - SECTION 1
*
* *****

```

```

#REGION 1
PRIVATE wzfields,wztalk
IF SET("TALK") = "ON"
    SET TALK OFF
    m.wztalk = "ON"
ELSE
    m.wztalk = "OFF"
ENDIF
m.wzfields=SET('FIELDS')
SET FIELDS OFF
IF m.wztalk = "ON"
    SET TALK ON
ENDIF

```

```

#REGION 0
REGIONAL m.currarea, m.talkstat, m.compstat

```

```

IF SET("TALK") = "ON"
    SET TALK OFF
    m.talkstat = "ON"
ELSE
    m.talkstat = "OFF"
ENDIF
m.compstat = SET("COMPATIBLE")
SET COMPATIBLE FOXPLUS

```

```

m.rborder = SET("READBORDER")
SET READBORDER ON
m.currarea = SELECT()

```

```

* *****
*
*      KEEP1/Windows Databases, Indexes, Relations
*
* *****

```

```

IF USED("keep1")
    SELECT keep1
    SET ORDER TO TAG "_02t0hhgv0"
ELSE

```

```

SELECT 0
USE (LOCFILE("keep1.dbf","DBF","Where is keep1?"));
    AGAIN ALIAS keep1 ;
    ORDER TAG "_02t0hhgv0"
ENDIF

* *****
* *
* *      Windows Window definitions
* *
* *****

IF NOT WEXIST("_02t0ivv6k")
    DEFINE WINDOW _02t0ivv6k ;
        AT 0.000, 0.000 ;
        SIZE 24.769,84.000 ;
        TITLE "DIANA HOTEL" ;
        FONT "MS Sans Serif", 8 ;
        STYLE "B" ;
        FLOAT ;
        CLOSE ;
        MINIMIZE ;
        COLOR RGB(,,,255,0,255)
    MOVE WINDOW _02t0ivv6k CENTER
ENDIF

* *****
* *
* *      KEEP1/Windows Setup Code - SECTION 2
* *
* *****

#REGION 1
#DEFINE C_DBFEMPTY      'Database is empty, add a record?'
#DEFINE C_EDITS         'Please finish your edits.'
#DEFINE C_TOPFILE       'Top of file.'
#DEFINE C_ENDFILE       'End of file.'
#DEFINE C_BRTITLE       'Locate Record'
#DEFINE C_NOLOCK        'Sorry, could not lock record -- try again later.'
#DEFINE C_ECANCEL       'Edits Canceled.'
#DEFINE C_DELREC        'Delete selected record?'
#DEFINE C_NOFEAT        'Feature not available yet.'
#DEFINE C_NOWIZ         'Wizard application is not available.'
#DEFINE C_MAKEREPO      'Creating report with Report Wizard.'
#DEFINE C_NOREPO        'Could not create report.'
#DEFINE C_DELNOTE       'Deleting records...'
#DEFINE C_READONLY      'Table is read-only. No editing allowed.'

```

```
#DEFINE C_NOTABLE           'No table selected. Open table or run query.'
#DEFINE C_BADEXP           'Invalid expression.'
#DEFINE C_LOCWIZ           'Locate WIZARD.APP:'
#DEFINE C_MULTITABLE 'You have multiple related tables. Adding records in not
allowed.'
```

```
MOVE WINDOW '_02t0ivv6k' CENTER
PRIVATE isediting,isadding,wztblarr
PRIVATE wzolddelete,wzolderror,wzoldesc
PRIVATE wzalias, tempcurs,wzlastrec
PRIVATE isreadonly,find_drop,is2table
```

```
IF EMPTY(ALIAS())
    WAIT WINDOW C_NOTABLE
    RETURN
ENDIF
```

```
m.wztblarr= "
m.wzalias=SELECT()
m.isediting=.F.
m.isadding=.F.
m.is2table = .F.
m.wzolddelete=SET('DELETE')
SET DELETED ON
m.tempcurs=SYS(2015) &&used if General field
m.wzlastrec = 1
m.wzolderror=ON('error')
ON ERROR DO wizerrorhandler
wzoldesc=ON('KEY','ESCAPE')
ON KEY LABEL ESCAPE
m.find_drop = IIF(_DOS,0,2)
```

```
m.isreadonly=IIF(ISREAD(),.T.,.F.)
IF m.isreadonly
    WAIT WINDOW C_READONLY TIMEOUT 1
ENDIF
```

```
IF RECCOUNT()=0 AND !m.isreadonly AND fox_alert(C_DBFEMPTY)
    APPEND BLANK
ENDIF
GOTO TOP
SCATTER MEMVAR MEMO
```

```
* *****
* *
* *      KEEP1/Windows Screen Layout
```

```
*
*
* *****
```

```
#REGION 1
IF WVISIBLE("_02t0ivv6k")
    ACTIVATE WINDOW _02t0ivv6k SAME
ELSE
    ACTIVATE WINDOW _02t0ivv6k NOSHOW
ENDIF
@ 21.769,2.000 GET m.top_btn ;
    PICTURE "@*HN \<Top" ;
    SIZE 1.769,7.833,0.667 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 8 ;
    STYLE "B" ;
    VALID btn_val("TOP") ;
    MESSAGE 'Go to first record.'
@ 21.769,10.000 GET m.prev_btn ;
    PICTURE "@*HN \<Prev" ;
    SIZE 1.769,7.833,0.667 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 8 ;
    STYLE "B" ;
    VALID btn_val("PREV") ;
    MESSAGE 'Go to previous record.'
@ 21.769,18.000 GET m.next_btn ;
    PICTURE "@*HN \<Next" ;
    SIZE 1.769,7.833,0.667 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 8 ;
    STYLE "B" ;
    VALID btn_val("NEXT") ;
    MESSAGE 'Go to next record.'
@ 21.769,26.000 GET m.end_btn ;
    PICTURE "@*HN \<End" ;
    SIZE 1.769,7.833,0.667 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 8 ;
    STYLE "B" ;
    VALID btn_val("END") ;
    MESSAGE 'Go to last record.'
@ 21.769,34.000 GET m.loc_btn ;
    PICTURE "@*HN \<Locate" ;
    SIZE 1.769,7.833,0.667 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 8 ;
```



```

STYLE "B" ;
VALID btn_val('LOCATE') ;
MESSAGE 'Locate a record.'
@ 21.769,42.000 GET m.add_btn ;
PICTURE "@*HN \<Add" ;
SIZE 1.769,7.833,0.667 ;
DEFAULT 1 ;
FONT "MS Sans Serif", 8 ;
STYLE "B" ;
VALID btn_val('ADD') ;
MESSAGE 'Add a new record.'
@ 21.769,50.000 GET m.edit_btn ;
PICTURE "@*HN Ed\<it" ;
SIZE 1.769,7.833,0.667 ;
DEFAULT 1 ;
FONT "MS Sans Serif", 8 ;
STYLE "B" ;
VALID btn_val('EDIT') ;
MESSAGE 'Edit current record.'
@ 21.769,58.000 GET m.del_btn ;
PICTURE "@*HN \<Delete" ;
SIZE 1.769,7.833,0.667 ;
DEFAULT 1 ;
FONT "MS Sans Serif", 8 ;
STYLE "B" ;
VALID btn_val('DELETE') ;
MESSAGE 'Delete current record.'
@ 21.769,66.000 GET m.prnt_btn ;
PICTURE "@*HN P\<rint" ;
SIZE 1.769,7.833,0.667 ;
DEFAULT 1 ;
FONT "MS Sans Serif", 8 ;
STYLE "B" ;
VALID btn_val('PRINT') ;
MESSAGE 'Print report.'
@ 21.769,74.000 GET m.exit_btn ;
PICTURE "@*HN \<Close" ;
SIZE 1.769,7.667,0.667 ;
DEFAULT 1 ;
FONT "MS Sans Serif", 8 ;
STYLE "B" ;
VALID btn_val('EXIT') ;
MESSAGE 'Close screen.'
@ 1.308,23.167 SAY "Rooms Housekeeping " ;
FONT "MS Sans Serif", 14 ;
STYLE "BIT";

```

COLOR RGB(0,255,0,0,255,0)
 @ 3.154,23.167 TO 3.154,57.500 ;
 PEN 2, 8 ;
 STYLE "1";
 COLOR RGB(0,255,0,0,255,0)
 @ 6.154,25.500 SAY "Room No:" ;
 SIZE 1.000,13.000 ;
 FONT "MS Sans Serif", 10 ;
 STYLE "BIT" ;
 PICTURE "@J" ;
 COLOR RGB(,,,255,255,255)
 @ 5.923,44.833 TO 5.923,48.833 ;
 PEN 1, 8 ;
 STYLE "1" ;
 COLOR RGB(128,128,128,128,128,128)
 @ 8.154,32.333 SAY "Flat:" ;
 SIZE 1.000,7.875 ;
 FONT "MS Sans Serif", 10 ;
 STYLE "BIT" ;
 PICTURE "@J" ;
 COLOR RGB(,,,255,255,255)
 @ 8.077,45.333 TO 8.077,48.333 ;
 PEN 1, 8 ;
 STYLE "1" ;
 COLOR RGB(128,128,128,128,128,128)
 @ 10.077,23.500 SAY "Room Type:" ;
 SIZE 1.000,14.500 ;
 FONT "MS Sans Serif", 10 ;
 STYLE "BIT" ;
 PICTURE "@J" ;
 COLOR RGB(,,,255,255,255)
 @ 12.077,21.500 SAY "Room Position:" ;
 SIZE 1.000,16.000 ;
 FONT "MS Sans Serif", 10 ;
 STYLE "BIT" ;
 PICTURE "@J" ;
 COLOR RGB(,,,255,255,255)
 @ 14.077,21.500 SAY "Cleaning Date:" ;
 SIZE 1.000,16.000 ;
 FONT "MS Sans Serif", 10 ;
 STYLE "BIT" ;
 PICTURE "@J" ;
 COLOR RGB(,,,255,255,255)
 @ 16.154,19.500 SAY "Cleaning Time:" ;
 SIZE 1.000,17.500 ;
 FONT "MS Sans Serif", 10 ;

```

STYLE "BIT" ;
PICTURE "@J" ;
COLOR RGB(,,255,255,255)
@ 18.231,19.500 SAY "House Keeper:" ;
SIZE 1.000,17.500 ;
FONT "MS Sans Serif", 10 ;
STYLE "BIT" ;
PICTURE "@J" ;
COLOR RGB(,,255,255,255)
@ 8.077,44.667 GET m.flat ;
PICTURE "@^ 2;3;4;5;6;7;8;9;10" ;
SIZE 1.538,6.167 ;
DEFAULT "2" ;
FONT "MS Sans Serif", 8 ;
STYLE "B";
WHEN isediting
@ 10.000,44.667 GET m.room_type ;
PICTURE "@^ Single;Shift;Triple;Wing" ;
SIZE 1.538,9.667 ;
DEFAULT "Single" ;
FONT "MS Sans Serif", 8 ;
STYLE "B";
WHEN isediting
@ 12.000,44.667 GET m.room_postn ;
PICTURE "@^ Sea;Middle;Corner" ;
SIZE 1.538,10.000 ;
DEFAULT "Sea" ;
FONT "MS Sans Serif", 8 ;
STYLE "B";
WHEN isediting
@ 6.154,45.000 GET m.room_no ;
SIZE 1.000,3.600 ;
DEFAULT " " ;
FONT "MS Sans Serif", 8 ;
PICTURE "@K 999" ;
WHEN isediting ;
COLOR ,RGB(0,0,0,255,255,255)
@ 6.000,44.500 TO 6.000,48.500 ;
PEN 1, 8 ;
STYLE "1" ;
COLOR RGB(128,128,128,128,128,128)
@ 6.077,48.500 TO 7.231,48.500 ;
PEN 1, 8 ;
COLOR RGB(255,255,255,255,255,255)
@ 7.231,44.667 TO 7.231,48.667 ;
PEN 1, 8 ;

```

STYLE "1" ;
 COLOR RGB(255,255,255,255,255,255)
 @ 6.000,44.500 TO 7.308,44.500 ;
 PEN 1, 8 ;
 COLOR RGB(128,128,128,128,128,128)
 @ 14.077,45.000 GET m.clean_date ;
 SIZE 1.000,7.571 ;
 DEFAULT " " ;
 FONT "MS Sans Serif", 10 ;
 PICTURE "@K" ;
 WHEN isediting ;
 COLOR ,RGB(0,0,0,255,255,255)
 @ 14.077,44.500 TO 14.077,53.167 ;
 PEN 1, 8 ;
 STYLE "1" ;
 COLOR RGB(128,128,128,128,128,128)
 @ 14.154,53.167 TO 15.308,53.167 ;
 PEN 1, 8 ;
 COLOR RGB(255,255,255,255,255,255)
 @ 15.308,44.667 TO 15.308,53.334 ;
 PEN 1, 8 ;
 STYLE "1" ;
 COLOR RGB(255,255,255,255,255,255)
 @ 14.077,44.500 TO 15.385,44.500 ;
 PEN 1, 8 ;
 COLOR RGB(128,128,128,128,128,128)
 @ 16.154,45.000 GET m.clean_time ;
 SIZE 1.000,7.857 ;
 DEFAULT " " ;
 FONT "MS Sans Serif", 10 ;
 PICTURE "@K XXXXX" ;
 WHEN isediting ;
 COLOR ,RGB(0,0,0,255,255,255)
 @ 16.154,44.500 TO 16.154,54.667 ;
 PEN 1, 8 ;
 STYLE "1" ;
 COLOR RGB(128,128,128,128,128,128)
 @ 16.231,54.667 TO 17.385,54.667 ;
 PEN 1, 8 ;
 COLOR RGB(255,255,255,255,255,255)
 @ 17.385,44.667 TO 17.385,54.834 ;
 PEN 1, 8 ;
 STYLE "1" ;
 COLOR RGB(255,255,255,255,255,255)
 @ 16.154,44.500 TO 17.462,44.500 ;
 PEN 1, 8 ;


```

        COLOR RGB(128,128,128,128,128,128)
@ 18.231,45.000 GET m.hous_ keep ;
    SIZE 1.000,13.000 ;
    DEFAULT " " ;
    FONT "MS Sans Serif", 10 ;
    PICTURE "@K XXXXXXXXXXXXXXXX" ;
    WHEN isediting ;
    COLOR ,RGB(0,0,0,255,255,255)
@ 18.231,44.500 TO 18.231,60.667 ;
    PEN 1, 8 ;
    STYLE "1" ;
    COLOR RGB(128,128,128,128,128,128)
@ 18.308,60.667 TO 19.462,60.667 ;
    PEN 1, 8 ;
    COLOR RGB(255,255,255,255,255,255)
@ 19.462,44.667 TO 19.462,60.834 ;
    PEN 1, 8 ;
    STYLE "1" ;
    COLOR RGB(255,255,255,255,255,255)
@ 18.231,44.500 TO 19.539,44.500 ;
    PEN 1, 8 ;
    COLOR RGB(128,128,128,128,128,128)
@ 4.692,14.833 TO 20.923,70.333 ;
    PEN 2, 8 ;
    STYLE "16"
@ 14.030,54.167 SAY "mm/dd/yy" ;
    FONT "MS Sans Serif", 10 ;
    STYLE "BIT"
@ 16.005,54.833 SAY "(24 Hour)" ;
    FONT "MS Sans Serif", 10 ;
    STYLE "BIT"

```

```

IF NOT WVISIBLE("_02t0ivv6k")
    ACTIVATE WINDOW _02t0ivv6k
ENDIF

```

```

* *****
* *
* * WindowsREAD contains clauses from SCREEN keep1
* *
* *****

```

```

READ CYCLE ;
    ACTIVATE READACT() ;
    DEACTIVATE READDEAC() ;
    NOLOCK

```

RELEASE WINDOW _02t0ivv6k

```
* *****
*
*      Windows Closing Databases
*
* *****
```

```
IF USED("keep1")
    SELECT keep1
    USE
```

```
ENDIF
SELECT (m.currarea)
```

```
#REGION 0
SET READBORDER &rborder
IF m.talkstat = "ON"
    SET TALK ON
ENDIF
IF m.compstat = "ON"
    SET COMPATIBLE ON
ENDIF
```

```
* *****
*
*      KEEP1/Windows Cleanup Code
*
* *****
```

```
#REGION 1
SET DELETED &wzolddelete
SET FIELDS &wzfields
ON ERROR &wzolderror
ON KEY LABEL ESCAPE &wzoldesc
DO CASE
CASE _DOS AND SET('DISPLAY')='VGA25'
    @24,0 CLEAR TO 24,79
CASE _DOS AND SET('DISPLAY')='VGA50'
    @49,0 CLEAR TO 49,79
CASE _DOS
    @24,0 CLEAR TO 24,79
ENDCASE
```

```
* *****
*
* *****
```

```
*      *  KEEP1/Windows Supporting Procedures and Functions
*      *
*      *****
```

```
#REGION 1
```

```
PROCEDURE readdeac
```

```
  IF isediting
```

```
    ACTIVATE WINDOW '_02t0ivv6k'
```

```
    WAIT WINDOW C_EDITS NOWAIT
```

```
  ENDIF
```

```
  IF !WVISIBLE(WOUTPUT())
```

```
    CLEAR READ
```

```
    RETURN .T.
```

```
  ENDIF
```

```
RETURN .F.
```

```
PROCEDURE readact
```

```
  IF !isediting
```

```
    SELECT (m.wzalias)
```

```
    SHOW GETS
```

```
  ENDIF
```

```
  DO REFRESH
```

```
RETURN
```

```
PROCEDURE wizerrorhandler
```

```
  WAIT WINDOW message()
```

```
RETURN
```

```
PROCEDURE printrec
```

```
  PRIVATE sOldError,wizfname,saverec,savearea,tmpcurs,tmpstr
```

```
  PRIVATE prnt_btn,p_recs,p_output,pr_out,pr_record
```

```
  STORE 1 TO p_recs,p_output
```

```
  STORE 0 TO prnt_btn
```

```
  STORE RECNO() TO saverec
```

```
  m.sOldError=ON('error')
```

```
  DO pdialog
```

```
  IF m.prnt_btn = 2
```

```
    RETURN
```

```
  ENDIF
```

```
  IF !FILE(ALIAS()+'FRX')
```

```
    m.wizfname=SYS(2004)+'WIZARDS\'+ 'WIZARD.APP'
```

```
  IF !FILE(m.wizfname)
```

```
    ON ERROR *
```

```
    m.wizfname=LOCFILE('WIZARD.APP','APP',C_LOCWIZ)
```

```
    ON ERROR &sOldError
```

```
  IF !'WIZARD.APP'$UPPER(m.wizfname)
```

```

        WAIT WINDOW C_NOWIZ
        RETURN
    ENDIF
ENDIF
WAIT WINDOW C_MAKEREPO NOWAIT
    m.savearea=SELECT()
    m.tmpcurs=' '+LEFT(SYS(3),7)
    CREATE CURSOR (m.tmpcurs) (comment m)
    m.tmpstr = '* LAYOUT = COLUMNAR'+CHR(13)+CHR(10)
    INSERT INTO (m.tmpcurs) VALUES(m.tmpstr)
    SELECT (m.savearea)
    DO (m.wizfname) WITH
", 'WZ_QREPO',NOSCRN/CREATE',ALIAS(),m.tmpcurs
    USE IN (m.tmpcurs)
WAIT CLEAR
    IF !FILE(ALIAS()+'FRX') &&wizard could not create report
        WAIT WINDOW C_NOREPO
        RETURN
    ENDIF
ENDIF

    m.pr_out=IIF(m.p_output=1,'TO PRINT NOCONSOLE','PREVIEW')
    m.pr_record=IIF(m.p_recs=1,'NEXT 1','ALL')
    REPORT FORM (ALIAS()) &pr_out &pr_record
    GO m.saverec
RETURN

PROCEDURE BTN_VAL
    PARAMETER m.btnname
    DO CASE
    CASE m.btnname='TOP'
        GO TOP
        WAIT WINDOW C_TOPFILE NOWAIT
    CASE m.btnname='PREV'
        IF !BOF()
            SKIP -1
        ENDIF
        IF BOF()
            WAIT WINDOW C_TOPFILE NOWAIT
            GO TOP
        ENDIF
    CASE m.btnname='NEXT'
        IF !EOF()
            SKIP 1
        ENDIF
        IF EOF()

```



```

        WAIT WINDOW C__ENDFILE NOWAIT
        GO BOTTOM
    ENDIF
CASE m.btnname='END'
    GO BOTTOM
    WAIT WINDOW C__ENDFILE NOWAIT
CASE m.btnname='LOCATE'
    DO loc_dlog
CASE m.btnname='ADD' AND !isediting &&add record
    isediting=.T.
    isadding=.T.
    =edithand('ADD')
    _curobj=1
    DO refresh
    SHOW GETS
    RETURN
CASE m.btnname='EDIT' AND !isediting &&edit record
    IF EOF() OR BOF()
        WAIT WINDOW C__ENDFILE NOWAIT
        RETURN
    ENDIF
    IF RLOCK()
        isediting=.T.
        _curobj=1
        DO refresh
        RETURN
    ELSE
        WAIT WINDOW C__NOLOCK
    ENDIF
CASE m.btnname='EDIT' AND isediting &&save record
    IF isadding
        =edithand('SAVE')
    ELSE
        GATHER MEMVAR MEMO
    ENDIF
    UNLOCK
    isediting=.F.
    isadding=.F.
    DO refresh
CASE m.btnname='DELETE' AND isediting &&cancel record
    IF isadding
        =edithand('CANCEL')
    ENDIF
    isediting=.F.
    isadding=.F.
    UNLOCK

```

```

        WAIT WINDOW C_ECANCEL NOWAIT
        DO refresh
CASE m.btnname='DELETE'
    IF EOF() OR BOF()
        WAIT WINDOW C_ENDFILE NOWAIT
        RETURN
    ENDIF
    IF fox_alert(C_DELREC)
        DELETE
        IF !EOF() AND DELETED()
            SKIP 1
        ENDIF
    ENDIF
    IF EOF()
        WAIT WINDOW C_ENDFILE NOWAIT
        GO BOTTOM
    ENDIF
ENDIF
CASE m.btnname='PRINT'
    DO printrec
    RETURN
CASE m.btnname='EXIT'
    m.bailout=.T. &&this is needed if used with FoxApp
    CLEAR READ
    RETURN
ENDCASE
SCATTER MEMVAR MEMO
SHOW GETS
RETURN

```

PROCEDURE REFRESH

```

DO CASE
CASE m.isreadonly AND RECCOUNT()=0
    SHOW GETS DISABLE
    SHOW GET exit_btn ENABLE
CASE m.isreadonly
    SHOW GET add_btn DISABLE
    SHOW GET del_btn DISABLE
    SHOW GET edit_btn DISABLE
CASE (RECCOUNT()=0 OR EOF()) AND !m.isediting
    SHOW GETS DISABLE
    SHOW GET add_btn ENABLE
    SHOW GET exit_btn ENABLE
CASE m.isediting
    SHOW GET find_drop DISABLE
    SHOW GET top_btn DISABLE
    SHOW GET prev_btn DISABLE

```

```

SHOW GET loc_btn DISABLE
SHOW GET next_btn DISABLE
SHOW GET end_btn DISABLE
SHOW GET add_btn DISABLE
SHOW GET prnt_btn DISABLE
SHOW GET exit_btn DISABLE
SHOW GET edit_btn,1 PROMPT "\<Save"
SHOW GET del_btn,1 PROMPT "\<Cancel"
ON KEY LABEL ESCAPE DO BTN_VAL WITH 'DELETE'
RETURN
OTHERWISE
SHOW GET edit_btn,1 PROMPT "Ed\<it"
SHOW GET del_btn,1 PROMPT "\<Delete"
SHOW GETS ENABLE
ENDCASE
IF m.is2table
SHOW GET add_btn DISABLE
ENDIF
ON KEY LABEL ESCAPE
RETURN

PROCEDURE edithand
PARAMETER m.paction
DO CASE
CASE m.paction = 'ADD'
SCATTER MEMVAR MEMO BLANK
CASE m.paction = 'SAVE'
INSERT INTO (ALIAS()) FROM MEMVAR
CASE m.paction = 'CANCEL'
* nothing here
ENDCASE
RETURN

PROCEDURE fox_alert
PARAMETER wzalrtmess
PRIVATE alrtbtn
m.alrtbtn=2
DEFINE WINDOW _qec1ij2t7 AT 0,0 SIZE 8,50 ;
FONT "MS Sans Serif",10 STYLE 'B' ;
FLOAT NOCLOSE NOMINIMIZE DOUBLE TITLE WTITLE()
MOVE WINDOW _qec1ij2t7 CENTER
ACTIVATE WINDOW _qec1ij2t7 NOSHOW
@ 2,(50-txtwidth(wzalrtmess))/2 SAY wzalrtmess;
FONT "MS Sans Serif", 10 STYLE "B"
@ 6,18 GET m.alrtbtn ;
PICTURE "@*HT \<OK;\?! \<Cancel" ;

```

```

SIZE 1.769,8.667,1.333 ;
FONT "MS Sans Serif", 8 STYLE "B"
ACTIVATE WINDOW _qec1ij2t7
READ CYCLE MODAL
RELEASE WINDOW _qec1ij2t7
RETURN m.alrtbtn=1

```

```

PROCEDURE pdialog
  DEFINE WINDOW _qjn12zbvh ;
    AT 0.000, 0.000 ;
    SIZE 13.231,54.800 ;
    TITLE "Microsoft FoxPro" ;
    FONT "MS Sans Serif", 8 ;
    FLOAT NOCLOSE MINIMIZE SYSTEM
  MOVE WINDOW _qjn12zbvh CENTER
  ACTIVATE WINDOW _qjn12zbvh NOSHOW
  @ 2.846,33.600 SAY "Output:" ;
    FONT "MS Sans Serif", 8 ;
    STYLE "BT"
  @ 2.846,4.800 SAY "Print:" ;
    FONT "MS Sans Serif", 8 ;
    STYLE "BT"
  @ 4.692,7.200 GET m.p_rec ;
    PICTURE "@*RVN \<Current Record;\<All Records" ;
    SIZE 1.308,18.500,0.308 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 8 ;
    STYLE "BT"
  @ 4.692,36.000 GET m.p_output ;
    PICTURE "@*RVN \<Printer;Pre\<view" ;
    SIZE 1.308,12.000,0.308 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 8 ;
    STYLE "BT"
  @ 10.154,16.600 GET m.pnt_btn ;
    PICTURE "@*HT P\<rint;Ca\<ncel" ;
    SIZE 1.769,8.667,0.667 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 8 ;
    STYLE "B"
  ACTIVATE WINDOW _qjn12zbvh
  READ CYCLE MODAL
  RELEASE WINDOW _qjn12zbvh
RETURN

```

```

PROCEDURE loc_dlog

```



```

PRIVATE gfields,i
DEFINE WINDOW wzlocate FROM 1,1 TO 20,40;
    SYSTEM GROW CLOSE ZOOM FLOAT FONT "MS Sans Serif",8
MOVE WINDOW wzlocate CENTER
m.gfields=SET('FIELDS',2)
IF !EMPTY(RELATION(1))
    SET FIELDS ON
    IF m.gfields # 'GLOBAL'
        SET FIELDS GLOBAL
    ENDIF
    IF EMPTY(FLDLIST())
        m.i=1
        DO WHILE !EMPTY(OBJVAR(m.i))
            IF ATC('M.',OBJVAR(m.i))=0
                SET FIELDS TO (OBJVAR(m.i))
            ENDIF
            m.i = m.i + 1
        ENDDO
    ENDIF
ENDIF
BROWSE WINDOW wzlocate NOEDIT NODELETE ;
    NOMENU TITLE C_BRITITLE
SET FIELDS &gfields
SET FIELDS OFF
RELEASE WINDOW wzlocate
RETURN

```

LAUNDRY (Washing Machine)

Without clean and sufficient linen the maidservants cannot operate, at times when there is full occupancy the housekeeper needs a fast turn-round of linen from the laundry.

Again the information is to be entered by the responsible worker to provide accurate turn-round time and prevent confusion.

DIANA HOTEL

Washing Machine Usage

Guest Name.

Surname.

Room No.

Flat.

Washing Date. mm/dd/yy

Washing Time. (24 Hour)

Top Prev Next End Locate Add Edit Delete Print Close

```

SET TALK OFF
#REGION 1
PRIVATE wzfields,wztalk
IF SET("TALK") = "ON"
    SET TALK OFF
    m.wztalk = "ON"
ELSE
    m.wztalk = "OFF"
ENDIF
m.wzfields=SET('FIELDS')
SET FIELDS OFF
IF m.wztalk = "ON"
    SET TALK ON
ENDIF
#REGION 0
REGIONAL m.currarea, m.talkstat, m.compstat

IF SET("TALK") = "ON"
    SET TALK OFF
    m.talkstat = "ON"
ELSE
    m.talkstat = "OFF"
ENDIF
m.compstat = SET("COMPATIBLE")
SET COMPATIBLE FOXPLUS

m.rborder = SET("READBORDER")
SET READBORDER ON

m.currarea = SELECT()

* *****
* *
* *   KEEP2/Windows Databases, Indexes, Relations
* *
* *****

IF USED("keep2")
    SELECT keep2
    SET ORDER TO TAG "_02t0jln12"
ELSE
    SELECT 0
    USE (LOCFILE("keep2.dbf","DBF","Where is keep2?"));
    AGAIN ALIAS keep2 ;
    ORDER TAG "_02t0jln12"
ENDIF

```

```

* *****
*
*      Windows Window definitions
*
* *****

```

```

IF NOT WEXIST("_02t0jzkso")
    DEFINE WINDOW _02t0jzkso ;
        AT 0.000, 0.000 ;
        SIZE 24.154,84.167 ;
        TITLE "DIANA HOTEL" ;
        FONT "MS Sans Serif", 8 ;
        STYLE "B" ;
        FLOAT ;
        CLOSE ;
        MINIMIZE ;
        COLOR RGB(,,255,0,255)
    MOVE WINDOW _02t0jzkso CENTER
ENDIF

```

```

* *****
*
*      KEEP2/Windows Setup Code - SECTION 2
*
* *****

```

#REGION 1

#DEFINE C_DBFEMPTY	'Database is empty, add a record?'
#DEFINE C_EDITS	'Please finish your edits.'
#DEFINE C_TOPFILE	'Top of file.'
#DEFINE C_ENDFILE	'End of file.'
#DEFINE C_BRTITLE	'Locate Record'
#DEFINE C_NOLOCK	'Sorry, could not lock record -- try again later.'
#DEFINE C_ECANCEL	'Edits Canceled.'
#DEFINE C_DELREC	'Delete selected record?'
#DEFINE C_NOFEAT	'Feature not available yet.'
#DEFINE C_NOWIZ	'Wizard application is not available.'
#DEFINE C_MAKEREPO	'Creating report with Report Wizard.'
#DEFINE C_NOREPO	'Could not create report.'
#DEFINE C_DELNOTE	'Deleting records...'
#DEFINE C_READONLY	'Table is read-only. No editing allowed.'
#DEFINE C_NOTABLE	'No table selected. Open table or run query.'
#DEFINE C_BADEXP	'Invalid expression.'
#DEFINE C_LOCWIZ	'Locate WIZARD.APP.'


```

* *****
* *
* *      Windows Window definitions
* *
* *****

```

```

IF NOT WEXIST("_02t0jzkso")
    DEFINE WINDOW _02t0jzkso ;
        AT 0.000, 0.000 ;
        SIZE 24.154,84.167 ;
        TITLE "DIANA HOTEL" ;
        FONT "MS Sans Serif", 8 ;
        STYLE "B" ;
        FLOAT ;
        CLOSE ;
        MINIMIZE ;
        COLOR RGB(,,255,0,255)
    MOVE WINDOW _02t0jzkso CENTER
ENDIF

```

```

* *****
* *
* *      KEEP2/Windows Setup Code - SECTION 2
* *
* *****

```

#REGION 1

#DEFINE C_DBFEMPTY	'Database is empty, add a record?'
#DEFINE C_EDITS	'Please finish your edits.'
#DEFINE C_TOPFILE	'Top of file.'
#DEFINE C_ENDFILE	'End of file.'
#DEFINE C_BRTITLE	'Locate Record'
#DEFINE C_NOLOCK	'Sorry, could not lock record -- try again later.'
#DEFINE C_ECANCEL	'Edits Canceled.'
#DEFINE C_DELREC	'Delete selected record?'
#DEFINE C_NOFEAT	'Feature not available yet.'
#DEFINE C_NOWIZ	'Wizard application is not available.'
#DEFINE C_MAKEREPO	'Creating report with Report Wizard.'
#DEFINE C_NOREPO	'Could not create report.'
#DEFINE C_DELNOTE	'Deleting records...'
#DEFINE C_READONLY	'Table is read-only. No editing allowed.'
#DEFINE C_NOTABLE	'No table selected. Open table or run query.'
#DEFINE C_BADEXP	'Invalid expression.'
#DEFINE C_LOCWIZ	'Locate WIZARD.APP.'

#DEFINE C_MULTITABLE 'You have multiple related tables. Adding records in not allowed.'

MOVE WINDOW '_02t0jzkso' CENTER
PRIVATE isediting,isadding,wztblarr
PRIVATE wzolddelete,wzolderror,wzoldesc
PRIVATE wzalias, tempcurs,wzlastrec
PRIVATE isreadonly,find_drop,is2table

IF EMPTY(ALIAS())
 WAIT WINDOW C_NOTABLE
 RETURN
ENDIF

m.wztblarr= "
m.wzalias=SELECT()
m.isediting=.F.
m.isadding=.F.
m.is2table = .F.
m.wzolddelete=SET('DELETE')
SET DELETED ON
m.tempcurs=SYS(2015) &&used if General field
m.wzlastrec = 1
m.wzolderror=ON('error')
ON ERROR DO wizerrorhandler
wzoldesc=ON('KEY',ESCAPE)
ON KEY LABEL ESCAPE
m.find_drop = IIF(_DOS,0,2)

m.isreadonly=IIF(ISREAD(),.T.,.F.)
IF m.isreadonly
 WAIT WINDOW C_READONLY TIMEOUT 1
ENDIF

IF RECCOUNT()=0 AND !m.isreadonly AND fox_alert(C_DBFEMPTY)
 APPEND BLANK
ENDIF

GOTO TOP
SCATTER MEMVAR MEMO

#REGION 1
IF WVISIBLE("_02t0jzkso")
 ACTIVATE WINDOW _02t0jzkso SAME
ELSE
 ACTIVATE WINDOW _02t0jzkso NOSHOW

ENDIF

```
@ 6.538,21.500 SAY "Guest Name:" ;
    SIZE 1.000,15.000 ;
    FONT "MS Sans Serif", 10 ;
    STYLE "BIT" ;
    PICTURE "@J" ;
    COLOR RGB(,,,255,255,255)
@ 6.538,43.833 GET m.guest_name ;
    SIZE 1.000,8.000 ;
    DEFAULT " " ;
    FONT "MS Sans Serif", 10 ;
    PICTURE "@K XXXXXXXX" ;
    WHEN isediting ;
    COLOR ,RGB(0,0,0,255,255,255)
@ 6.538,43.333 TO 6.538,53.666 ;
    PEN 1, 8 ;
    STYLE "1" ;
    COLOR RGB(128,128,128,128,128,128)
@ 6.615,53.667 TO 7.769,53.667 ;
    PEN 1, 8 ;
    COLOR RGB(255,255,255,255,255,255)
@ 7.769,43.500 TO 7.769,53.833 ;
    PEN 1, 8 ;
    STYLE "1" ;
    COLOR RGB(255,255,255,255,255,255)
@ 6.538,43.333 TO 7.846,43.333 ;
    PEN 1, 8 ;
    COLOR RGB(128,128,128,128,128,128)
@ 8.615,25.500 SAY "Surname:" ;
    SIZE 1.000,12.000 ;
    FONT "MS Sans Serif", 10 ;
    STYLE "BIT" ;
    PICTURE "@J" ;
    COLOR RGB(,,,255,255,255)
@ 8.615,43.833 GET m.surname ;
    SIZE 1.000,8.000 ;
    DEFAULT " " ;
    FONT "MS Sans Serif", 10 ;
    PICTURE "@K XXXXXXXX" ;
    WHEN isediting ;
    COLOR ,RGB(0,0,0,255,255,255)
@ 8.615,43.333 TO 8.615,53.666 ;
    PEN 1, 8 ;
    STYLE "1" ;
    COLOR RGB(128,128,128,128,128,128)
@ 8.692,53.667 TO 9.846,53.667 ;
```

PEN 1, 8 ;
 COLOR RGB(255,255,255,255,255,255)
 @ 9.846,43.500 TO 9.846,53.833 ;
 PEN 1, 8 ;
 STYLE "1" ;
 COLOR RGB(255,255,255,255,255,255)
 @ 8.615,43.333 TO 9.923,43.333 ;
 PEN 1, 8 ;
 COLOR RGB(128,128,128,128,128,128)
 @ 10.692,25.500 SAY "Room No:" ;
 SIZE 1.000,12.000 ;
 FONT "MS Sans Serif", 10 ;
 STYLE "BIT" ;
 PICTURE "@J" ;
 COLOR RGB(,,255,255,255)
 @ 10.692,43.833 GET m.room_no ;
 SIZE 1.000,3.571 ;
 DEFAULT " " ;
 FONT "MS Sans Serif", 10 ;
 PICTURE "@K 999" ;
 WHEN isediting ;
 COLOR ,RGB(0,0,0,255,255,255)
 @ 10.692,43.333 TO 10.692,47.333 ;
 PEN 1, 8 ;
 STYLE "1" ;
 COLOR RGB(128,128,128,128,128,128)
 @ 10.769,47.333 TO 11.923,47.333 ;
 PEN 1, 8 ;
 COLOR RGB(255,255,255,255,255,255)
 @ 11.923,43.500 TO 11.923,47.500 ;
 PEN 1, 8 ;
 STYLE "1" ;
 COLOR RGB(255,255,255,255,255,255)
 @ 10.692,43.333 TO 12.000,43.333 ;
 PEN 1, 8 ;
 COLOR RGB(128,128,128,128,128,128)
 @ 12.769,31.500 SAY "Flat:" ;
 SIZE 1.000,7.500 ;
 FONT "MS Sans Serif", 10 ;
 STYLE "BIT" ;
 PICTURE "@J" ;
 COLOR RGB(,,255,255,255)
 @ 14.846,19.500 SAY "Washing Date:" ;
 SIZE 1.000,16.500 ;
 FONT "MS Sans Serif", 10 ;
 STYLE "BIT" ;

PICTURE "@J" ;
 COLOR RGB(,,,255,255,255)
 @ 14.846,43.833 GET m.wash_date ;
 SIZE 1.000,7.571 ;
 DEFAULT " " ;
 FONT "MS Sans Serif", 10 ;
 PICTURE "@K" ;
 WHEN isediting ;
 COLOR ,RGB(0,0,0,255,255,255)
 @ 14.846,43.333 TO 14.846,52.000 ;
 PEN 1, 8 ;
 STYLE "1" ;
 COLOR RGB(128,128,128,128,128,128)
 @ 14.923,52.000 TO 16.077,52.000 ;
 PEN 1, 8 ;
 COLOR RGB(255,255,255,255,255,255)
 @ 16.077,43.500 TO 16.077,52.167 ;
 PEN 1, 8 ;
 STYLE "1" ;
 COLOR RGB(255,255,255,255,255,255)
 @ 14.846,43.333 TO 16.154,43.333 ;
 PEN 1, 8 ;
 COLOR RGB(128,128,128,128,128,128)
 @ 16.923,17.500 SAY "Washing Time:" ;
 SIZE 1.000,18.000 ;
 FONT "MS Sans Serif", 10 ;
 STYLE "BIT" ;
 PICTURE "@J" ;
 COLOR RGB(,,,255,255,255)
 @ 16.923,43.833 GET m.wash_time ;
 SIZE 1.000,7.857 ;
 DEFAULT " " ;
 FONT "MS Sans Serif", 10 ;
 PICTURE "@K XXXXX" ;
 WHEN isediting ;
 COLOR ,RGB(0,0,0,255,255,255)
 @ 16.923,43.333 TO 16.923,53.500 ;
 PEN 1, 8 ;
 STYLE "1" ;
 COLOR RGB(128,128,128,128,128,128)
 @ 17.000,53.500 TO 18.154,53.500 ;
 PEN 1, 8 ;
 COLOR RGB(255,255,255,255,255,255)
 @ 18.154,43.500 TO 18.154,53.667 ;
 PEN 1, 8 ;
 STYLE "1" ;

```

        COLOR RGB(255,255,255,255,255,255)
@ 16.923,43.333 TO 18.231,43.333 ;
    PEN 1, 8 ;
    COLOR RGB(128,128,128,128,128,128)
@ 21.231,2.000 GET m.top_btn ;
    PICTURE "@*HN \<Top" ;
    SIZE 1.769,7.833,0.667 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 8 ;
    STYLE "B" ;
    VALID btn_val('TOP') ;
    MESSAGE 'Go to first record.'
@ 21.231,10.000 GET m.prev_btn ;
    PICTURE "@*HN \<Prev" ;
    SIZE 1.769,7.833,0.667 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 8 ;
    STYLE "B" ;
    VALID btn_val('PREV') ;
    MESSAGE 'Go to previous record.'
@ 21.231,18.000 GET m.next_btn ;
    PICTURE "@*HN \<Next" ;
    SIZE 1.769,7.833,0.667 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 8 ;
    STYLE "B" ;
    VALID btn_val('NEXT') ;
    MESSAGE 'Go to next record.'
@ 21.231,26.000 GET m.end_btn ;
    PICTURE "@*HN \<End" ;
    SIZE 1.769,7.833,0.667 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 8 ;
    STYLE "B" ;
    VALID btn_val('END') ;
    MESSAGE 'Go to last record.'
@ 21.231,34.000 GET m.loc_btn ;
    PICTURE "@*HN \<Locate" ;
    SIZE 1.769,7.833,0.667 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 8 ;
    STYLE "B" ;
    VALID btn_val('LOCATE') ;
    MESSAGE 'Locate a record.'
@ 21.231,42.000 GET m.add_btn ;
    PICTURE "@*HN \<Add" ;

```

```

SIZE 1.769,7.833,0.667 ;
DEFAULT 1 ;
FONT "MS Sans Serif", 8 ;
STYLE "B" ;
VALID btn_val('ADD') ;
MESSAGE 'Add a new record.'
@ 21.231,50.000 GET m.edit_btn ;
PICTURE "@*HN Ed\<it" ;
SIZE 1.769,7.833,0.667 ;
DEFAULT 1 ;
FONT "MS Sans Serif", 8 ;
STYLE "B" ;
VALID btn_val('EDIT') ;
MESSAGE 'Edit current record.'
@ 21.231,58.000 GET m.del_btn ;
PICTURE "@*HN \<Delete" ;
SIZE 1.769,7.833,0.667 ;
DEFAULT 1 ;
FONT "MS Sans Serif", 8 ;
STYLE "B" ;
VALID btn_val('DELETE') ;
MESSAGE 'Delete current record.'
@ 21.231,66.000 GET m.prnt_btn ;
PICTURE "@*HN P\<rint" ;
SIZE 1.769,7.833,0.667 ;
DEFAULT 1 ;
FONT "MS Sans Serif", 8 ;
STYLE "B" ;
VALID btn_val('PRINT') ;
MESSAGE 'Print report.'
@ 21.231,74.000 GET m.exit_btn ;
PICTURE "@*HN \<Close" ;
SIZE 1.769,7.667,0.667 ;
DEFAULT 1 ;
FONT "MS Sans Serif", 8 ;
STYLE "B" ;
VALID btn_val('EXIT') ;
MESSAGE 'Close screen.'
@ 12.692,43.500 GET m.flat ;
PICTURE "@^ 2;3;4;5;6;7;8;9;10" ;
SIZE 1.538,6.167 ;
DEFAULT "2" ;
FONT "MS Sans Serif", 8 ;
STYLE "B";
WHEN isediting
@ 1.308,21.500 SAY "Washing Machine Usage" ;

```

```

    FONT "MS Sans Serif", 14 ;
    STYLE "BIT";
    COLOR RGB(0,255,0,0,255,0)
@ 3.154,21.833 TO 3.154,60.166 ;
    PEN 2, 8 ;
    STYLE "1";
    COLOR RGB(0,255,0,0,255,0)
@ 5.077,16.667 TO 19.846,68.167 ;
    PEN 2, 8 ;
    STYLE "16"
@ 14.750,53.167 SAY "mm/dd/yy" ;
    FONT "MS Sans Serif", 10 ;
    STYLE "BIT"
@ 17.000,53.830 SAY "(24 Hour)" ;
    FONT "MS Sans Serif", 10 ;
    STYLE "BIT"
IF NOT WVISIBLE("_02t0jzkso")
    ACTIVATE WINDOW _02t0jzkso
ENDIF

```

```

* *****
* *
* *   WindowsREAD contains clauses from SCREEN keep2
* *
* *****

```

```

READ CYCLE ;
    ACTIVATE READACT() ;
    DEACTIVATE READDEAC() ;
    NOLOCK

```

```

RELEASE WINDOW _02t0jzkso

```

```

* *****
* *
* *   Windows Closing Databases
* *
* *****

```

```

IF USED("keep2")
    SELECT keep2
    USE

```

```

ENDIF
SELECT (m.currarea)

```

```

#REGION 0

```



```

SET READBORDER &rborder
IF m.talkstat = "ON"
    SET TALK ON
ENDIF
IF m.compstat = "ON"
    SET COMPATIBLE ON
ENDIF

```

```

* *****
*
*      KEEP2/Windows Cleanup Code
*
* *****

```

```

#REGION 1
SET DELETED &wzolddelete
SET FIELDS &wzfields
ON ERROR &wzolderror
ON KEY LABEL ESCAPE &wzoldesc
DO CASE
CASE _DOS AND SET('DISPLAY')='VGA25'
    @24,0 CLEAR TO 24,79
CASE _DOS AND SET('DISPLAY')='VGA50'
    @49,0 CLEAR TO 49,79
CASE _DOS
    @24,0 CLEAR TO 24,79
ENDCASE

```

```

#REGION 1
PROCEDURE readdeac
IF isediting
    ACTIVATE WINDOW '_02t0jzkso'
    WAIT WINDOW C_EDITS NOWAIT
ENDIF
IF !WVISIBLE(WOUTPUT())
    CLEAR READ
    RETURN .T.
ENDIF
RETURN .F.
PROCEDURE readact
IF !isediting
    SELECT (m.wzalias)
    SHOW GETS
ENDIF

```

```

DO REFRESH
RETURN
PROCEDURE wizerrorhandler
    WAIT WINDOW message()
RETURN
PROCEDURE printrec
    PRIVATE sOldError,wizfname,saverec,savearea,tmpcurs,tmpstr
    PRIVATE prnt_btn,p_recs,p_output,pr_out,pr_record
    STORE 1 TO p_recs,p_output
    STORE 0 TO prnt_btn
    STORE RECNO() TO saverec
    m.sOldError=ON('error')
    DO pdialog
    IF m.prnt_btn = 2
        RETURN
    ENDIF
    IF !FILE(ALIAS()+'FRX')
        m.wizfname=SYS(2004)+'WIZARDS\'+'WIZARD.APP'
        IF !FILE(m.wizfname)
            ON ERROR *
            m.wizfname=LOCFILE('WIZARD.APP','APP',C_LOCWIZ)
            ON ERROR &sOldError
            IF !'WIZARD.APP'$UPPER(m.wizfname)
                WAIT WINDOW C_NOWIZ
                RETURN
            ENDIF
        ENDIF
    ENDIF
    WAIT WINDOW C_MAKEREPO NOWAIT
    m.savearea=SELECT()
    m.tmpcurs='_'+LEFT(SYS(3),7)
    CREATE CURSOR (m.tmpcurs) (comment m)
    m.tmpstr = '* LAYOUT = COLUMNAR'+CHR(13)+CHR(10)
    INSERT INTO (m.tmpcurs) VALUES(m.tmpstr)
    SELECT (m.savearea)
    DO (m.wizfname) WITH
        ", 'WZ_QREPO', 'NOSCRN/CREATE', ALIAS(), m.tmpcurs
        USE IN (m.tmpcurs)
    WAIT CLEAR
    IF !FILE(ALIAS()+'FRX') &&wizard could not create report
        WAIT WINDOW C_NOREPO
        RETURN
    ENDIF
ENDIF

m.pr_out=IIF(m.p_output=1,'TO PRINT NOCONSOLE','PREVIEW')
m.pr_record=IIF(m.p_recs=1,'NEXT 1','ALL')

```

```

REPORT FORM (ALIAS()) &pr_out &pr_record
GO m.saverec
RETURN

```

```

PROCEDURE BTN_VAL
PARAMETER m.btnname
DO CASE
CASE m.btnname='TOP'
GO TOP
WAIT WINDOW C_TOPFILE NOWAIT
CASE m.btnname='PREV'
IF !BOF()
SKIP -1
ENDIF
IF BOF()
WAIT WINDOW C_TOPFILE NOWAIT
GO TOP
ENDIF
CASE m.btnname='NEXT'
IF !EOF()
SKIP 1
ENDIF
IF EOF()
WAIT WINDOW C_ENDFILE NOWAIT
GO BOTTOM
ENDIF
CASE m.btnname='END'
GO BOTTOM
WAIT WINDOW C_ENDFILE NOWAIT
CASE m.btnname='LOCATE'
DO loc_dlog
CASE m.btnname='ADD' AND !isediting &&add record
isediting=.T.
isadding=.T.
=edithand('ADD')
_curobj=1
DO refresh
SHOW GETS
RETURN
CASE m.btnname='EDIT' AND !isediting &&edit record
IF EOF() OR BOF()
WAIT WINDOW C_ENDFILE NOWAIT
RETURN
ENDIF
IF RLOCK()
isediting=.T.

```

```

        _curobj=1
        DO refresh
        RETURN
    ELSE
        WAIT WINDOW C_NOLOCK
    ENDIF
CASE m.btnname='EDIT' AND isediting &&save record
    IF isadding
        =edithand('SAVE')
    ELSE
        GATHER MEMVAR MEMO
    ENDIF
    UNLOCK
    isediting=.F.
    isadding=.F.
    DO refresh
CASE m.btnname='DELETE' AND isediting &&cancel record
    IF isadding
        =edithand('CANCEL')
    ENDIF
    isediting=.F.
    isadding=.F.
    UNLOCK
    WAIT WINDOW C_ECANCEL NOWAIT
    DO refresh
CASE m.btnname='DELETE'
    IF EOF() OR BOF()
        WAIT WINDOW C_ENDFILE NOWAIT
        RETURN
    ENDIF
    IF fox_alert(C_DELREC)
        DELETE
        IF !EOF() AND DELETED()
            SKIP 1
        ENDIF
        IF EOF()
            WAIT WINDOW C_ENDFILE NOWAIT
            GO BOTTOM
        ENDIF
    ENDIF
CASE m.btnname='PRINT'
    DO printrec
    RETURN
CASE m.btnname='EXIT'
    m.bailout=.T. &&this is needed if used with FoxApp
    CLEAR READ

```



```

        SCATTER MEMVAR MEMO BLANK
CASE m.paction = 'SAVE'
    INSERT INTO (ALIAS()) FROM MEMVAR
CASE m.paction = 'CANCEL'
    * nothing here
ENDCASE

RETURN
PROCEDURE fox_alert
    PARAMETER wzalrtmess
    PRIVATE alrtbtn
    m.alrtbtn=2
    DEFINE WINDOW _qec1ij2t7 AT 0,0 SIZE 8,50 ;
    FONT "MS Sans Serif",10 STYLE 'B' ;
    FLOAT NOCLOSE NOMINIMIZE DOUBLE TITLE WTITLE()
    MOVE WINDOW _qec1ij2t7 CENTER
    ACTIVATE WINDOW _qec1ij2t7 NOSHOW
    @ 2,(50-txtwidth(wzalrtmess))/2 SAY wzalrtmess;
    FONT "MS Sans Serif", 10 STYLE "B"
    @ 6,18 GET m.alrtbtn ;
    PICTURE "@*HT \<OK;\?!\<Cancel" ;
    SIZE 1.769,8.667,1.333 ;
    FONT "MS Sans Serif", 8 STYLE "B"
    ACTIVATE WINDOW _qec1ij2t7
    READ CYCLE MODAL
    RELEASE WINDOW _qec1ij2t7
RETURN m.alrtbtn=1
PROCEDURE pdialog
    DEFINE WINDOW _qjn12zbvh ;
    AT 0.000, 0.000 ;
    SIZE 13.231,54.800 ;
    TITLE "Microsoft FoxPro" ;
    FONT "MS Sans Serif", 8 ;
    FLOAT NOCLOSE MINIMIZE SYSTEM
    MOVE WINDOW _qjn12zbvh CENTER
    ACTIVATE WINDOW _qjn12zbvh NOSHOW
    @ 2.846,33.600 SAY "Output:" ;
    FONT "MS Sans Serif", 8 ;
    STYLE "BT"
    @ 2.846,4.800 SAY "Print:" ;
    FONT "MS Sans Serif", 8 ;
    STYLE "BT"
    @ 4.692,7.200 GET m.p_recs ;
    PICTURE "@*RVN \<Current Record;\<All Records" ;
    SIZE 1.308,18.500,0.308 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 8 ;

```

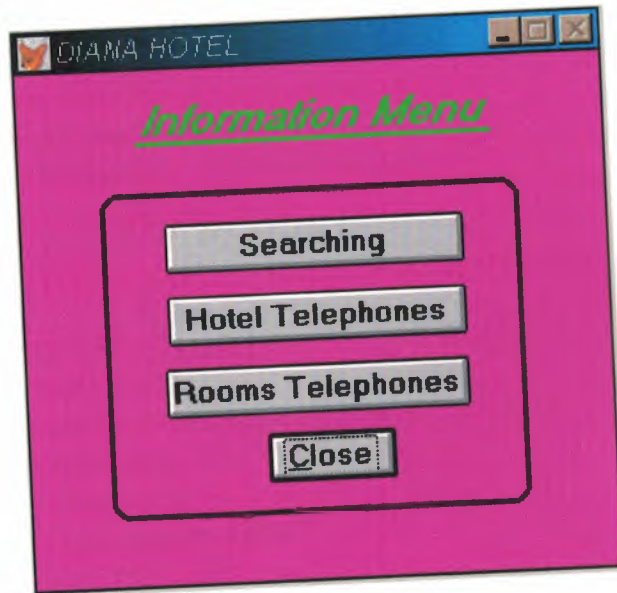
```

        STYLE "BT"
@ 4.692,36.000 GET m.p_output ;
    PICTURE "@*RVN \<Printer;Pre\<view" ;
    SIZE 1.308,12.000,0.308 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 8 ;
    STYLE "BT"
@ 10.154,16.600 GET m.prnt_btn ;
    PICTURE "@*HT P\<rint;Ca\<ncel" ;
    SIZE 1.769,8.667,0.667 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 8 ;
    STYLE "B"
ACTIVATE WINDOW _qjn12zbvh
READ CYCLE MODAL
RELEASE WINDOW _qjn12zbvh
RETURN
PROCEDURE loc_dlog
    PRIVATE gfields,i
    DEFINE WINDOW wzlocate FROM 1,1 TO 20,40;
        SYSTEM GROW CLOSE ZOOM FLOAT FONT "MS Sans Serif",8
    MOVE WINDOW wzlocate CENTER
    m.gfields=SET('FIELDS',2)
    IF !EMPTY(RELATION(1))
        SET FIELDS ON
        IF m.gfields # 'GLOBAL'
            SET FIELDS GLOBAL
        ENDIF
        IF EMPTY(FLDLIST())
            m.i=1
            DO WHILE !EMPTY(OBJVAR(m.i))
                IF ATC('M.',OBJVAR(m.i))=0
                    SET FIELDS TO (OBJVAR(m.i))
                ENDIF
                m.i = m.i + 1
            ENDDO
        ENDIF
    ENDIF
    BROWSE WINDOW wzlocate NOEDIT NODELETE ;
        NOMENU TITLE C_BRTITLE
    SET FIELDS &gfields
    SET FIELDS OFF
    RELEASE WINDOW wzlocate
RETURN

```

INFORMATION

The information of the any specific query or search from the managers, guests, or any authority can be requested from the hotel by this simple dragged menu, which provide an easy user interface as a simple facility from the software procurer. The information menu is providing the following listed options;



```

SET TALK OFF
IF NOT WEXIST("_02p0fc4kt")
    DEFINE WINDOW _02p0fc4kt ;
        AT 0.000, 0.000 ;
        SIZE 15.063,34.625 ;
        TITLE "DIANA HOTEL" ;
        FONT "MS Sans Serif", 10 ;
        STYLE "B" ;
        FLOAT ;CLOSE ;
        MINIMIZE ; COLOR RGB(,,255,0,255)
    MOVE WINDOW _02p0fc4kt CENTER
ENDIF
IF WVISIBLE("_02p0fc4kt")
    ACTIVATE WINDOW _02p0fc4kt SAME
ELSE
    ACTIVATE WINDOW _02p0fc4kt NOSHOW
ENDIF
@ 10.813,14.125 GET m.exit_btn ;
    PICTURE "@*HN \<Close" ;
    SIZE 1.438,7.625,0.500 ;
    DEFAULT 1 ; FONT "MS Sans Serif", 10 ;
    STYLE "B" ;VALID bt('EXIT') ;
    MESSAGE 'Close screen.'
@ 0.750,7.000 SAY "Information Menu" ;
    FONT "MS Sans Serif", 14 ;
    STYLE "BIT" ;COLOR RGB(0,255,0,,,)
@ 4.563,8.500 GET A ;
    PICTURE "@*VN Searching" ;
    SIZE 1.438,17.750,0.250 ;
    DEFAULT 1 ; FONT "MS Sans Serif", 10 ;
    STYLE "B";VALID bt('Searching')
@ 2.125,7.000 TO 2.125,28.125 ;
    PEN 2, 8 ;STYLE "1" ;
    COLOR RGB(0,255,0,,,)
@ 3.625,4.750 TO 13.188,29.625 ;
    PEN 2, 8 ; STYLE "16"
@ 6.688,8.500 GET A ;
    PICTURE "@*VN Hotel Telephones" ;
    SIZE 1.438,17.750,0.250 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 10 ;
    STYLE "B"; VALID bt('Hotel Telephones')
@ 8.813,8.250 GET A ;
    PICTURE "@*HN Rooms Telephones" ;
    SIZE 1.438,18.000,0.500 ;
    DEFAULT 1 ; FONT "MS Sans Serif", 10 ;

```



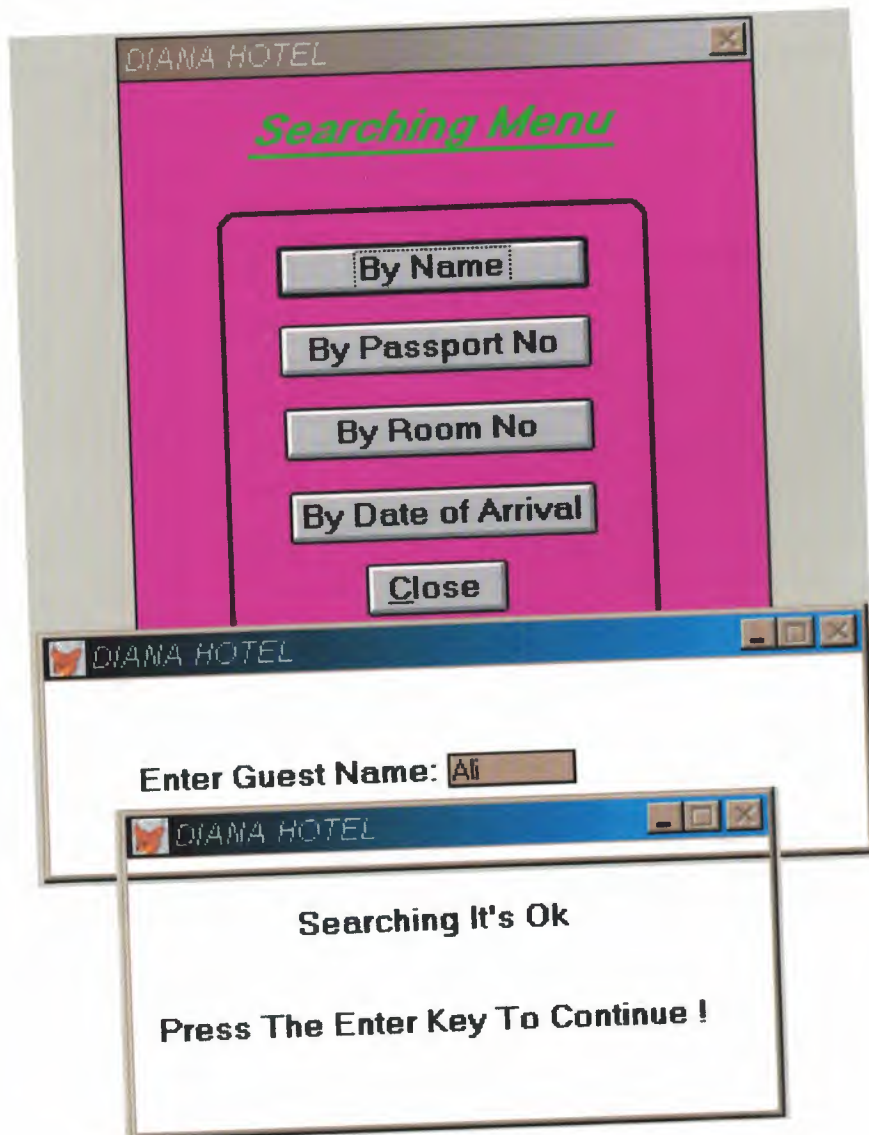
```

STYLE "B";
VALID bt('Rooms Telephones')
IF NOT WVISIBLE("_02p0fc4kt")
    ACTIVATE WINDOW _02p0fc4kt
ENDIF
READ CYCLE
PROCEDURE BT
    PARAMETER m.btnname
    DO CASE
CASE m.btnname='Searching'
    Do c:\project\search.prg
CASE m.btnname='Hotel Telephones'
    DO c:\project\phone.prg
CASE m.btnname='Rooms Telephones'
    DO c:\project\roomphone.prg
CASE m.btnname='EXIT'
    set sysm to defa
    DEACTIVATE WINDOW _02p0fc4kt
    RELEASE WINDOW _02p0fc4kt
ENDCASE RETURN

```

SEARCHING

If the receptionist or any one wants some information about the guest, he/she will find all the information in the registration card or in the guest file or it can be found in the computer database.




```

SET TALK OFF
IF NOT WEXIST("_0301gr3j1")
    DEFINE WINDOW _0301gr3j1 ;
        AT 0.000, 0.000 ;
        SIZE 17.313,33.875 ;
        TITLE "DIANA HOTEL" ;
        FONT "MS Sans Serif", 10 ;
        STYLE "B" ;
        FLOAT ;
        CLOSE ;
        MINIMIZE ;
        COLOR RGB(,,255,0,255)
    MOVE WINDOW _0301gr3j1 CENTER
ENDIF

IF WVISIBLE("_0301gr3j1")
    ACTIVATE WINDOW _0301gr3j1 SAME
ELSE
    ACTIVATE WINDOW _0301gr3j1 NOSHOW
ENDIF

@ 13.563,12.375 GET m.exit_btn ;
    PICTURE "@*HN \<Close" ;
    SIZE 1.438,7.625,0.500 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 10 ;
    STYLE "B" ;
    VALID btn_val('EXIT') ;
    MESSAGE 'Close screen.'

@ 0.688,6.625 SAY "Searching Menu" ;
    FONT "MS Sans Serif", 14 ;
    STYLE "BIT" ;
    COLOR RGB(0,255,0,,,)

@ 4.688,8.125 GET A ;
    PICTURE "@*HN By Name" ;
    SIZE 1.438,16.750,0.500 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 10 ;
    STYLE "B";
    VALID name()

@ 6.875,8.125 GET A ;
    PICTURE "@*HN By Passport No" ;
    SIZE 1.438,16.750,0.500 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 10 ;
    STYLE "B";
    VALID PASSPORT()

```



```

@ 9.188,8.250 GET A ;
    PICTURE "@*HN By Room No" ;
    SIZE 1.438,16.625,0.500 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 10 ;
    STYLE "B";
    VALID ROOM()
@ 11.500,8.375 GET A ;
    PICTURE "@*HN By Date of Arrival" ;
    SIZE 1.438,16.500,0.500 ;
    DEFAULT 1 ;
    FONT "MS Sans Serif", 10 ;
    STYLE "B";
    VALID ARRIVAL()
@ 2.125,6.750 TO 2.125,26.500 ;
    PEN 2, 8 ;
    STYLE "1" ;
    COLOR RGB(0,255,0,,,)
@ 3.688,5.000 TO 15.876,28.125 ;
    PEN 2, 8 ;
    STYLE "16"

```

```

IF NOT WVISIBLE("_0301gr3j1")
    ACTIVATE WINDOW _0301gr3j1
ENDIF

```

```

PROCEDURE BROSEDATA
DEFINE WINDOW AA1 ;
    AT 0.000, 0.000 ;
    SIZE 37.075,120.333 ;
    TITLE "DIANA HOTEL" ;
    FONT "MS Sans Serif", 8 ;
    STYLE "B" ;
    FLOAT ;
    CLOSE ;
MINIMIZE
    MOVE WINDOW AA1 CENTER
    ACTIVATE WINDOW AA1
BROWSE WINDOW AA1
DEACTIVATE WINDOW AA1
RETURN

```

*****PROCEDURE WHEN THE CHOICE FOUND*****

```

PROCEDURE FIND
IF NOT WEXIST("_03910y9u2")
    DEFINE WINDOW _03910y9u2 ;

```

```

        AT 0.000, 0.000 ;
        SIZE 9.231,55.000 ;
        TITLE "DIANA HOTEL" ;
        FONT "MS Sans Serif", 8 ;
        FLOAT ;
        CLOSE ;
        MINIMIZE ;
        SYSTEM ;
        COLOR RGB(,,255,255,255)
        MOVE WINDOW _03910y9u2 CENTER
ENDIF
IF WVISIBLE("_03910y9u2")
    ACTIVATE WINDOW _03910y9u2 SAME
ELSE
    ACTIVATE WINDOW _03910y9u2 NOSHOW
ENDIF
@ 1.769,14.400 SAY "Searching It's Ok" ;
    FONT "MS Sans Serif", 10 ;
    STYLE "BT"
@ 5.231,2.200 SAY "Press The Enter Key To Continue !" ;
    FONT "MS Sans Serif", 10 ;
    STYLE "BT"
    IF NOT WVISIBLE("_03910y9u2")
        ACTIVATE WINDOW _03910y9u2
    ENDIF
READ
RELEASE WINDOW _03910y9u2
DO BROSEDATA
RETURN

*****PROCEDURE WHEN THE CHOICE NOT FOUND*****
PROCEDURE NOT
IF NOT WEXIST("_03910y9u2")
    DEFINE WINDOW _03910y9u2 ;
        AT 0.000, 0.000 ;
        SIZE 9.231,55.000 ;
        TITLE "DIANA HOTEL" ;
        FONT "MS Sans Serif", 8 ;
        FLOAT ;
        CLOSE ;
        MINIMIZE ;
        SYSTEM ;
        COLOR RGB(,,255,255,255)
        MOVE WINDOW _03910y9u2 CENTER
ENDIF

```

```

IF WVISIBLE("_03910y9u2")
    ACTIVATE WINDOW _03910y9u2 SAME
ELSE
    ACTIVATE WINDOW _03910y9u2 NOSHOWN
ENDIF
@ 1.769,14.400 SAY "It's Not Found" ;
    FONT "MS Sans Serif", 10 ;
    STYLE "BT"
@ 5.231,2.200 SAY "Press The Enter Key To Continue !" ;
    FONT "MS Sans Serif", 10 ;
    STYLE "BT"
    IF NOT WVISIBLE("_03910y9u2")
        ACTIVATE WINDOW _03910y9u2
    ENDIF
READ
RELEASE WINDOW _03910y9u2.
DO SEARCH
RETURN

```

***** PROCEDURE SEARCHING BY NAME *****

```

PROCEDURE NAME
    CLOSE DATABASE
    IF NOT WEXIST("_0390zsz3a")
        DEFINE WINDOW _0390zsz3a ;
            AT 0.000, 0.000 ;
            SIZE 6.538,70.200 ;
            TITLE "DIANA HOTEL" ;
            FONT "MS Sans Serif", 8 ;
            FLOAT ;
            NOCLOSE ;
            MINIMIZE ;
            SYSTEM ;
            COLOR RGB(,,255,255,255)
            MOVE WINDOW _0390zsz3a CENTER
    ENDIF
    IF WVISIBLE("_0390zsz3a")
        ACTIVATE WINDOW _0390zsz3a SAME
    ELSE
        ACTIVATE WINDOW _0390zsz3a NOSHOWN
    ENDIF
    @ 2.846,7.800 SAY "Enter Guest Name:" ;
        FONT "MS Sans Serif", 10 ;
        STYLE "BT"
    IF NOT WVISIBLE("_0390zsz3a")
        ACTIVATE WINDOW _0390zsz3a
    ENDIF

```

```

your_ch=space(10)
@2.999,34.800 get your_ch
READ
RELEASE WINDOW _0390zsz3a
USE C:\PROJECT\DATA.DBF
LOCATE ALL FOR UPPER(ALLTRIM(name))= UPPER(ALLTRIM(your_ch))
IF FOUND() THEN
    DO FIND
ELSE
    DO NOT
ENDIF
RETURN

```

***** PROCEDURE SEARCHING BY PASSPORT NO*****

```

PROCEDURE PASSPORT
    CLOSE DATABASE
    IF NOT WEXIST("_0390zsz3a")
        DEFINE WINDOW _0390zsz3a ;
            AT 0.000, 0.000 ;
            SIZE 6.538,70.200 ;
            TITLE "DIANA HOTEL" ;
            FONT "MS Sans Serif", 8 ;
            FLOAT ;
            NOCLOSE ;
            MINIMIZE ;
            SYSTEM ;
            COLOR RGB(,,255,255,255)
            MOVE WINDOW _0390zsz3a CENTER
    ENDIF
    IF WVISIBLE("_0390zsz3a")
        ACTIVATE WINDOW _0390zsz3a SAME
    ELSE
        ACTIVATE WINDOW _0390zsz3a NOSHOW
    ENDIF
    @ 2.846,7.800 SAY "Enter Passport No:" ;
        FONT "MS Sans Serif", 10 ;
        STYLE "BT"
    IF NOT WVISIBLE("_0390zsz3a")
        ACTIVATE WINDOW _0390zsz3a
    ENDIF
    your_ch=space(10)
    @2.999,34.800 get your_ch
    READ
    RELEASE WINDOW _0390zsz3a
    USE C:\PROJECT\DATA.DBF

```



```

LOCATE ALL FOR
UPPER(ALLTRIM(PASSPORT_N))=UPPER(ALLTRIM(your_ch))
IF FOUND() THEN
DO FIND
ELSE
DO NOT
ENDIF

```

*****PROCEDURE SEARCHING BY ROOM NO*****

```

PROCEDURE ROOM
CLOSE DATABASE
IF NOT WEXIST("_0390zsz3a")
DEFINE WINDOW _0390zsz3a ;
    AT 0.000, 0.000 ;
    SIZE 6.538,70.200 ;
    TITLE "DIANA HOTEL" ;
    FONT "MS Sans Serif", 8 ;
    FLOAT ;
    NOCLOSE ;
    MINIMIZE ;
    SYSTEM ;
    COLOR RGB(,,,255,255,255)
    MOVE WINDOW _0390zsz3a CENTER
ENDIF
IF WVISIBLE("_0390zsz3a")
    ACTIVATE WINDOW _0390zsz3a SAME
ELSE
    ACTIVATE WINDOW _0390zsz3a NOSHOW
ENDIF
@ 2.846,7.800 SAY "Enter Room No:" ;
    FONT "MS Sans Serif", 10 ;
    STYLE "BT"
IF NOT WVISIBLE("_0390zsz3a")
ACTIVATE WINDOW _0390zsz3a
ENDIF
your_ch=space(10)
@2.999,30.800 get your_ch
READ
RELEASE WINDOW _0390zsz3a
USE C:\PROJECT\DATA.DBF
LOCATE ALL FOR UPPER(ALLTRIM(ROOM_NO))= UPPER(ALLTRIM(your_ch))
IF FOUND() THEN
    WAIT WINDOW " Searching is OK " NOWAIT
DO FIND
ELSE
DO NOT

```

```

ENDIF
*****PROCEDURE SEARCHING BY DATE OF ARRIVAL*****
PROCEDURE ARRIVAL
  CLOSE DATABASE
  IF NOT WEXIST("_0390zsz3a")
    DEFINE WINDOW _0390zsz3a ;
      AT 0.000, 0.000 ;
      SIZE 6.538,70.200 ;
      TITLE "DIANA HOTEL" ;
      FONT "MS Sans Serif", 8 ;
      FLOAT ;
      NOCLOSE ;
      MINIMIZE ;
      SYSTEM ;
      COLOR RGB(,,,255,255,255)
      MOVE WINDOW _0390zsz3a CENTER
  ENDIF
  IF WVISIBLE("_0390zsz3a")
    ACTIVATE WINDOW _0390zsz3a SAME
  ELSE
    ACTIVATE WINDOW _0390zsz3a NOSHOW
  ENDIF
  @ 2.846,7.800 SAY "Enter Date of Arrival(mm/dd/yy):" ;
  FONT "MS Sans Serif", 10 ;
  STYLE "BT"
  IF NOT WVISIBLE("_0390zsz3a")
    ACTIVATE WINDOW _0390zsz3a
  ENDIF
  your_ch=space(8)
  @2.999,52.800 get your_ch
  READ
  RELEASE WINDOW _0390zsz3a
  USE C:\PROJECT\DATA.DBF
  LOCATE ALL FOR
  UPPER(ALLTRIM(DATE_OF_AR))=UPPER(ALLTRIM(your_ch))
  IF FOUND() THEN
    DO FIND
  ELSE
    DO NOT
  ENDIF

```

HOTEL TELEPHONES

You can get any telephone number in the hotel by the reception, if you want the manager's telephone or any department's telephone of the hotel you can get it by the receptionist as an index in the program database.

The screenshot shows a window titled "DIANA HOTEL" with a blue background and a rotary phone graphic. A red rectangular box highlights a list of departments and their corresponding phone numbers, all of which are currently set to "0".

Department	Phone Number
MANAGER	0
RECEPTION	0
RESERVATION	0
ACCOUNTANT	0
SECURITY	0
EMPLOYEES	0
RESTURANT	0
MARKET	0
DISCO	0
BAR	0
BARKS	0
KITCHEN	0
WASHING MACHINE	0

At the bottom of the window, there are three buttons: "Save", "Print", and "Close".

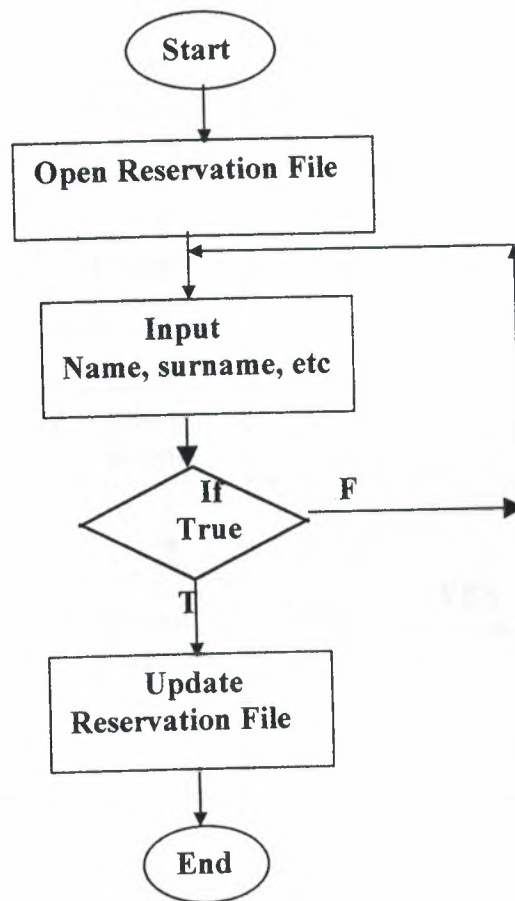
ROOMS TELEPHONES

This information option provides a list of all rooms with their corresponding telephone numbers.

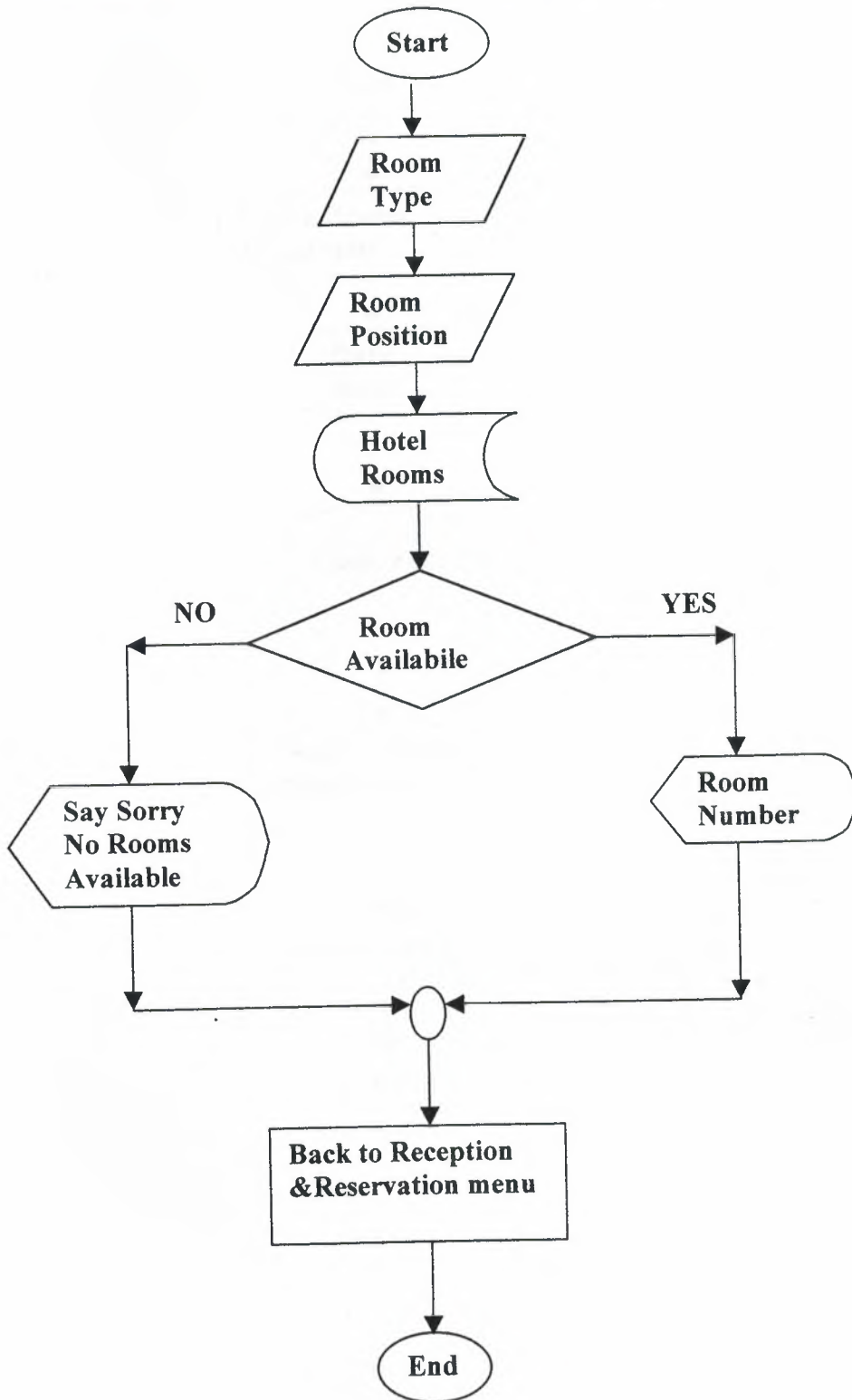
[illegible]

```
SELECT Rooms.phone_no, Rooms.rooms_no;
FROM Rooms;
WHERE Rooms.phone_no = Rooms.phone_no
```

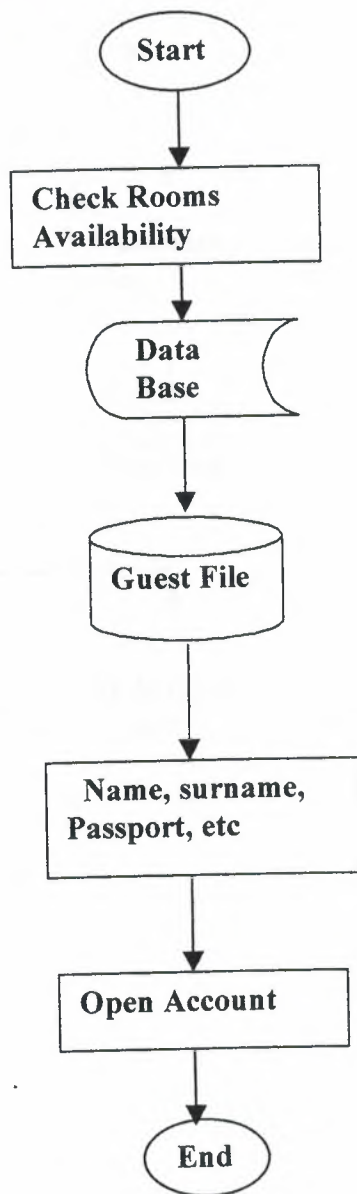

RESERVATION FLOWCHERT



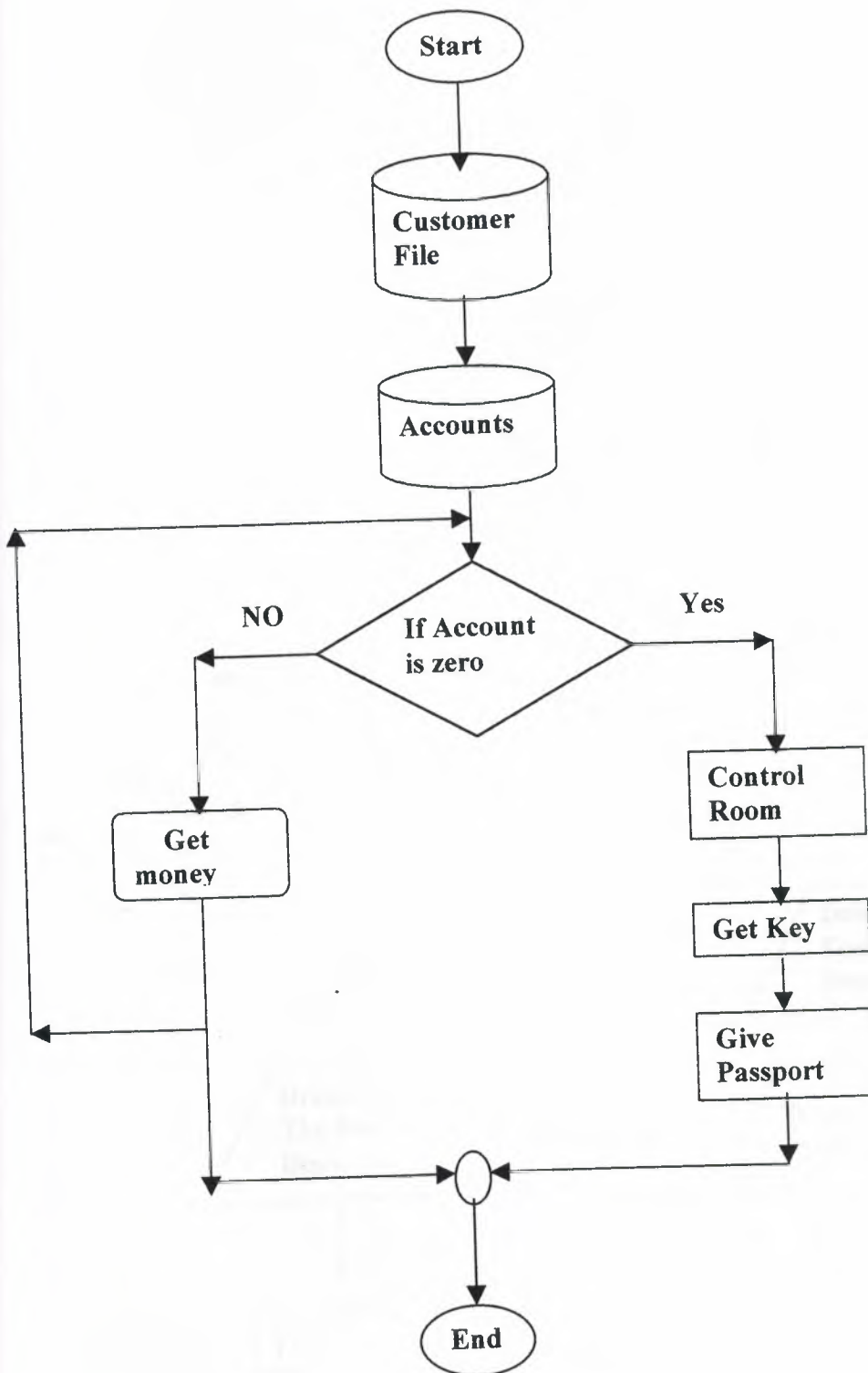
CHECK ROOMS AVAILABILITY FLOWCHART



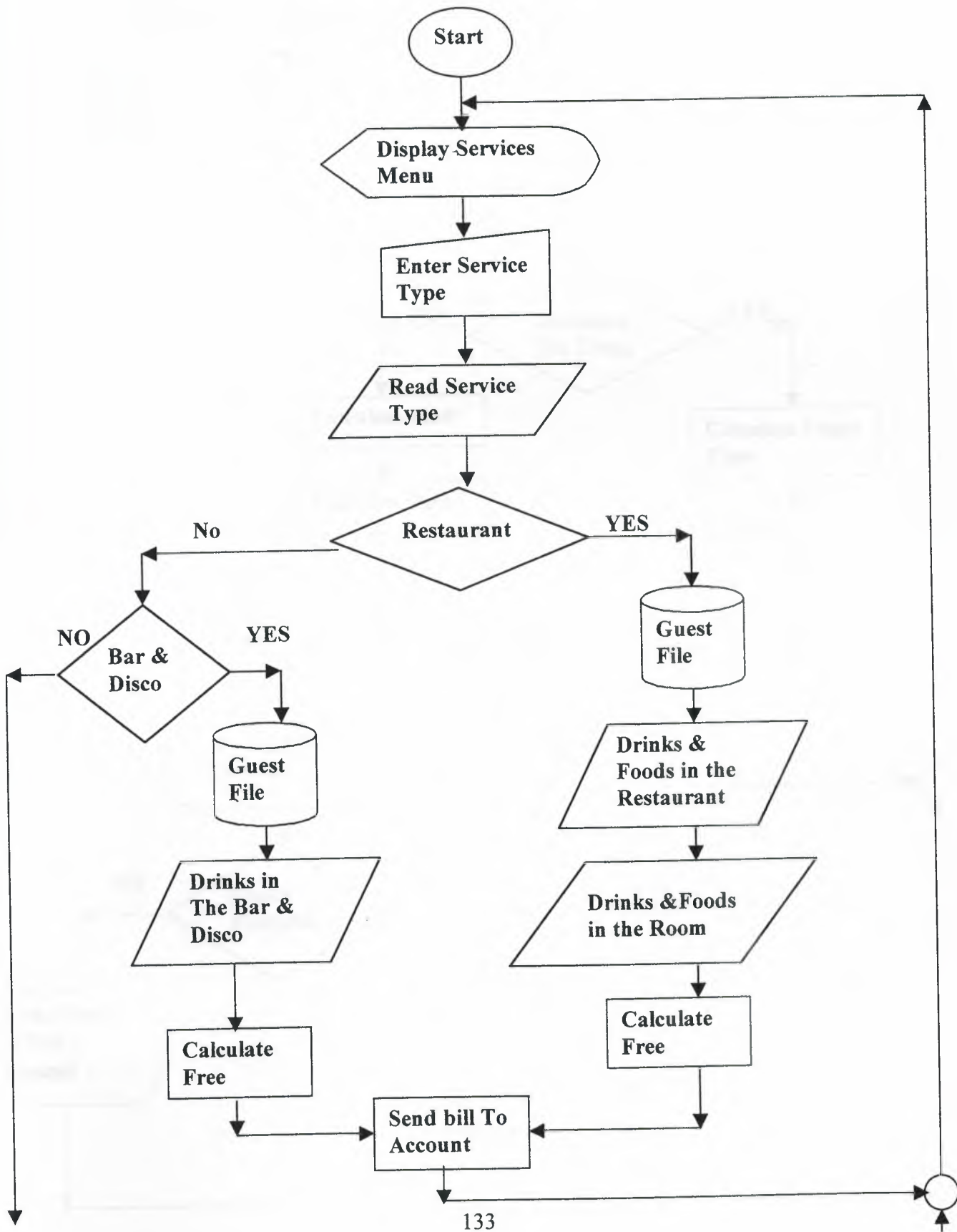
CHECK-IN FLOWCHART

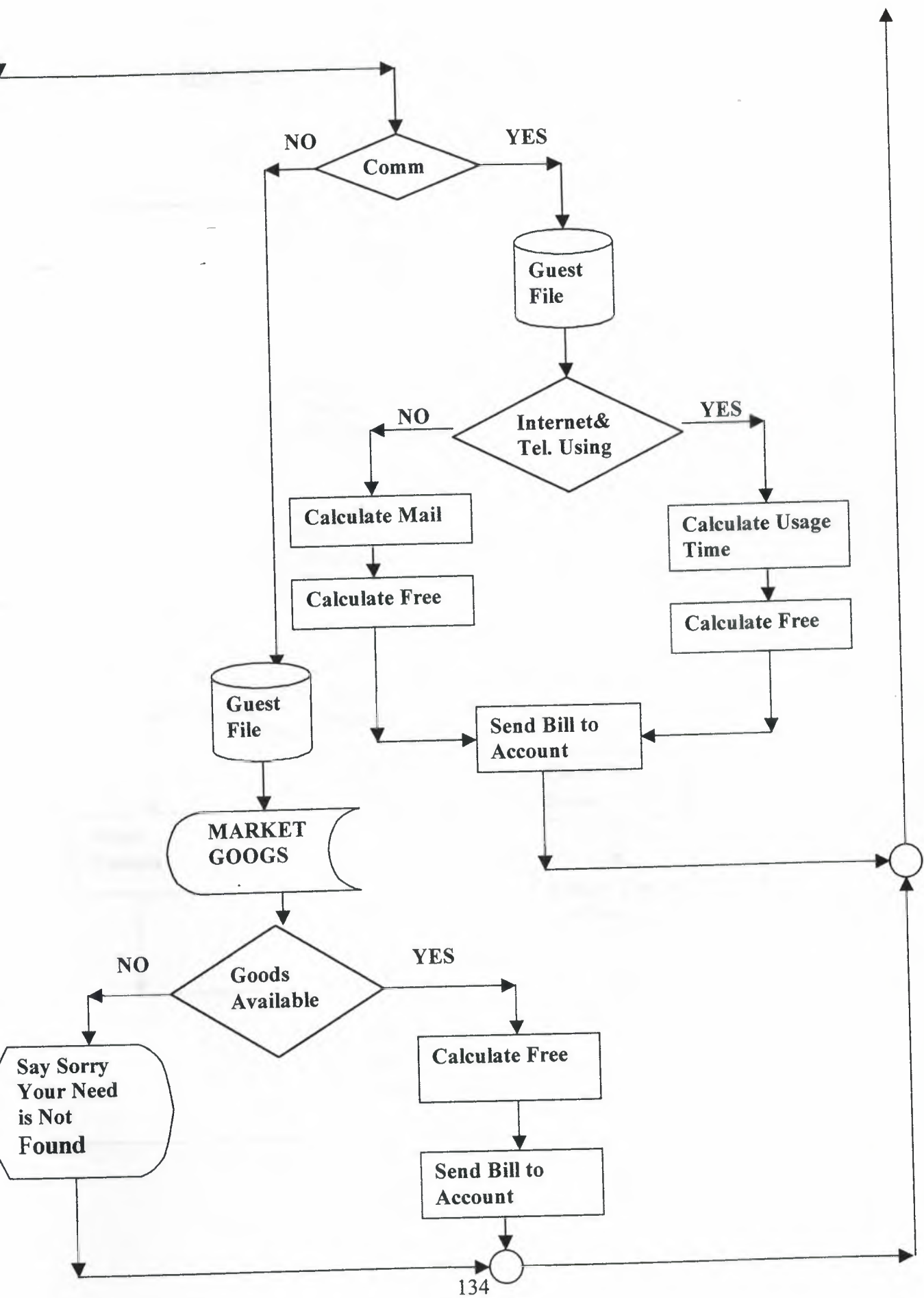


CHECK-OUT FLOWCHART

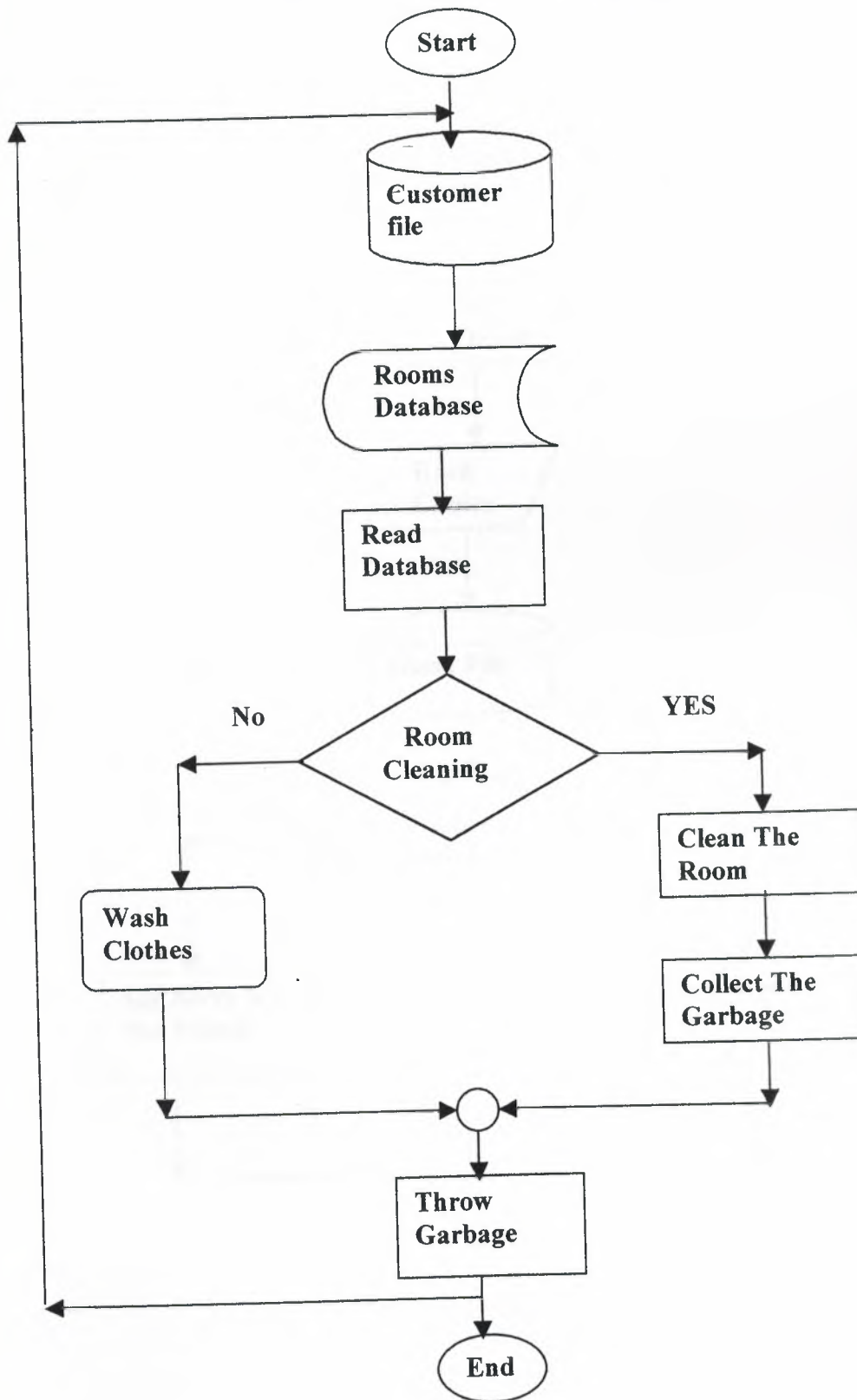


SERVICES FLOWCHART

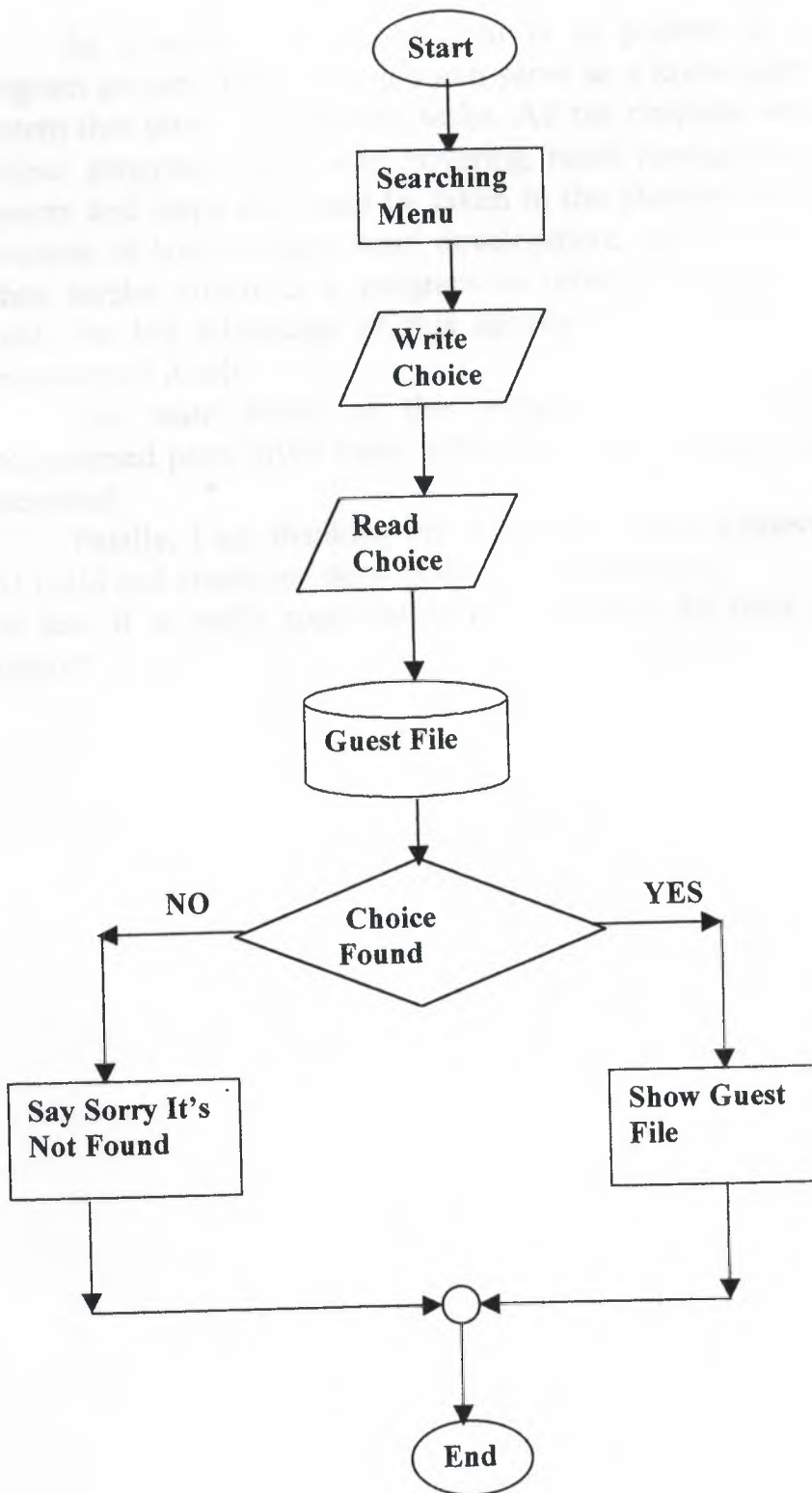




HOUSEKEEPING FLOWCART



SEARCHING FLOWCHART



CONCLUSION

As a result, the second goal is to present an expert system, the program project shows how it's can serve as a knowledge base for an expert system that does classification tasks. All the chapters which is construct my project program which was covering hotel management program, all the aspects and steps that must be taken in the planning and development, new concepts in hotel design, hotel development, as a result to the programmer when he/she construct a program in order to serve such institutions like hotel, the big advantage of this approach is the application of the hotel programmed it self.

The main focus of this project is the performance the hotel-programmed parts gives basic definitions and concepts that almost every one interested.

Finally, I am thanking my supervisor, Miss *Besime Erin* because she did build and create my deep gratitude and support. On last, it is really appreciation to my family for their encouragement and support.