

NEAR EAST UNIVERSITY
FACULTY OF ECONOMICS & ADMINISTRATIVE SCIENCES
DEPARTMENT OF COMPUTER INFORMATION SYSTEMS



2009/2010 SPRING TERM

CIS 400

(GRADUATION PROJECT)

(HOUSEHOLD AUTOMATION SYSTEM)

SUBMITTED TO : DEPT. OF C.I.S

SUBMITTED BY : BAHAR ÖZDAĞ (20043172)

NICOSIA,2010



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ABSTRACT

Generally Household Automation shop have a very big problem. This problem can be explained as “too much time spend in record of the transactions”. Most commonly feature of this project is easy transaction processing. I achieved this purpose by providing minimum keyboard usage.

Another thing I have to focus ; I plan to sell this software to the other companies in the same sector. After the acceptance of this project the full version will be sent again and will be marketed to all the Household Automation shops.



INTRODUCTION

HOUSEHOLD AUTOMATION SYSTEM

The aim of this project is to present a develop computer software which is called household automation system. I am going to present a successful, fast and develop computer system through analyzing large stores which sell marble.

While household automation information system computer software is being presented the important thing is to use a computer. Therefore its important that the workers have skills about using computer is to gain fast, true and flawless information.

In my project i will show; selling information, product information, customer information, service information and brand information.

The company's profit will automatically come up.

The most important thing in this system is using the computer. The advantages of using computer is that you can take the information needed fast and certain. In other words this means that you will gain this information much slower in a long period of time. But using a computer you can gain information much quicker, true and certain and you can see your mistakes.

In my project of Household Automation System. I will use PHP programming languages and MySQL databases.

These are the processes I will use for my project:

1. Main Process

Show only Household Automation System pictures

2. Customer Information System

In the customer services department I will show how new customers are registered.

3. Brand Information System

In this process show only brand information.

4. Product Information System

In the product services department I will show how new product are registered.

5. Critical Amounts Process

In this process user can see the amount of stock.

6. Sale Process

In this process user sell the products.

7. Sales Process

In this process customer sell the products reports.

8. Payment Process

In this process customers can pay their debts.

9. Payments Process

In this process customers can pay reports.

10. Services Process

In this process customer services reports.

11. Service Process

In this process the sold products can be served.

12. Supplier Process

In this process I will show from house hold automations are bough will be added.

13. Logoff Process

In this process user lives the account.

14. Change Password

In this process user can change the access code.

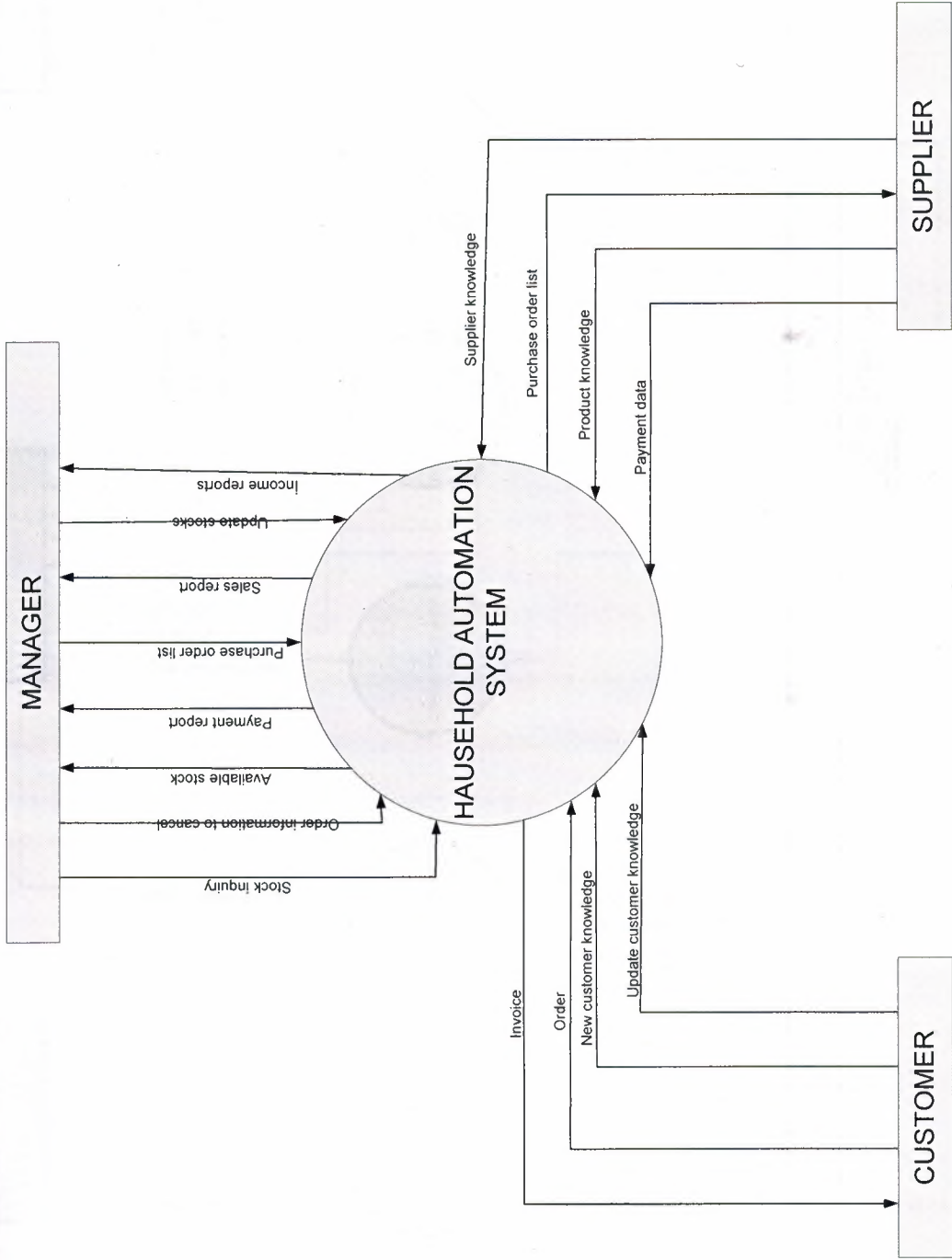
The minimum requirements of the system are as follows;

- ✓ Intel Pentium IV processor 2.420
- ✓ 533 Mhz
- ✓ 512 MB DDR RAM
- ✓ 80 GB HDD
- ✓ 14'' Monitor
- ✓ Microsoft Windows XP
- ✓ CD-ROM 52xmax
- ✓ 256 MB Graphic Card
- ✓ Modem

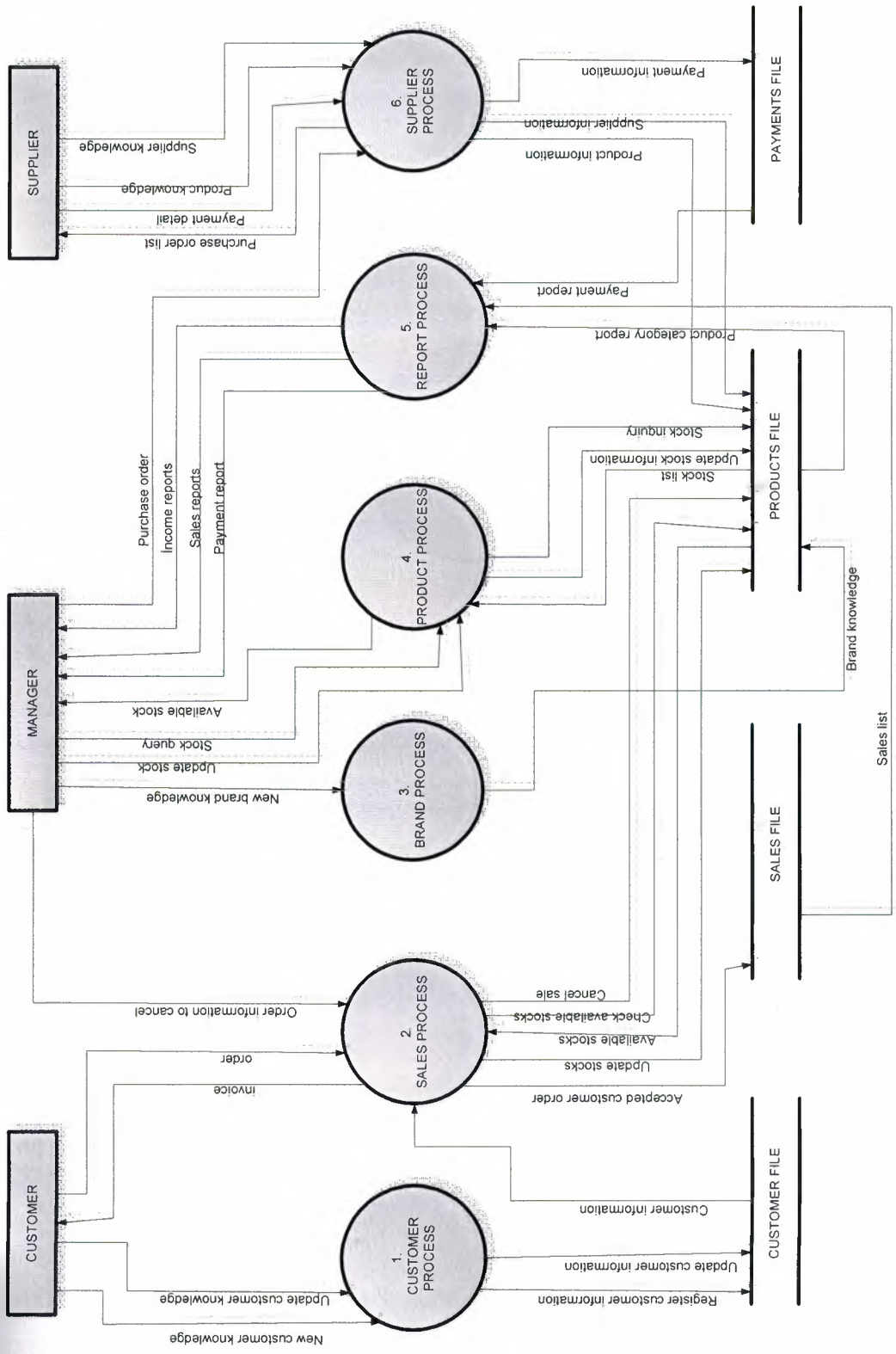
The recommended requirements of the system are as follows;

- ✓ Intel Pentium IV processor 3.0
- ✓ 800 Mhz
- ✓ 1 GB DDR RAM
- ✓ 120 GB HDD
- ✓ 256 MB Graphic Card
- ✓ 17'' Monitor
- ✓ Microsoft Windows XP Professional
- ✓ CD-ROM 52xmax
- ✓ Modem

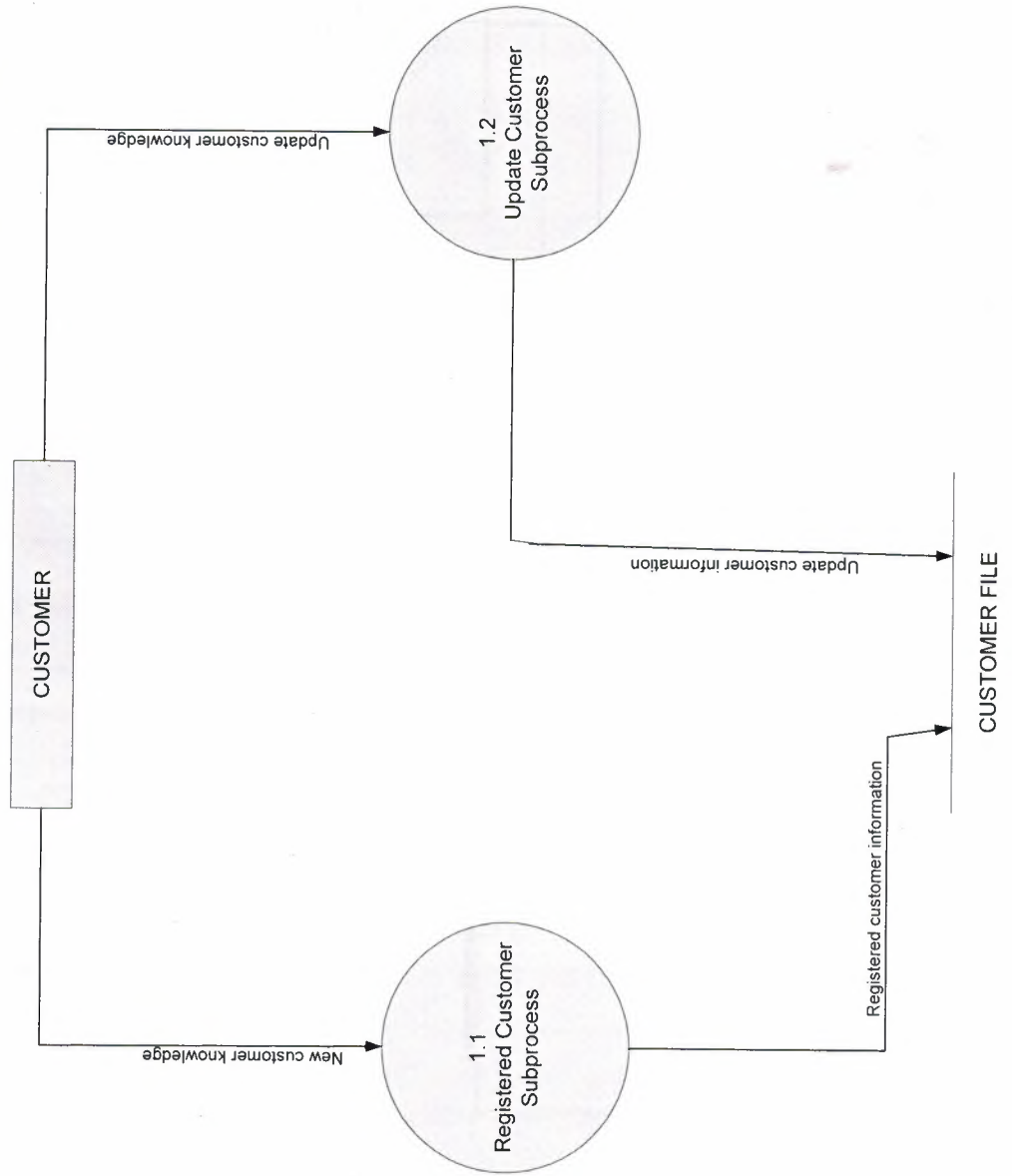
CONTEXT DIAGRAM OF HOUSEHOLD AUTOMATION SYSTEMS



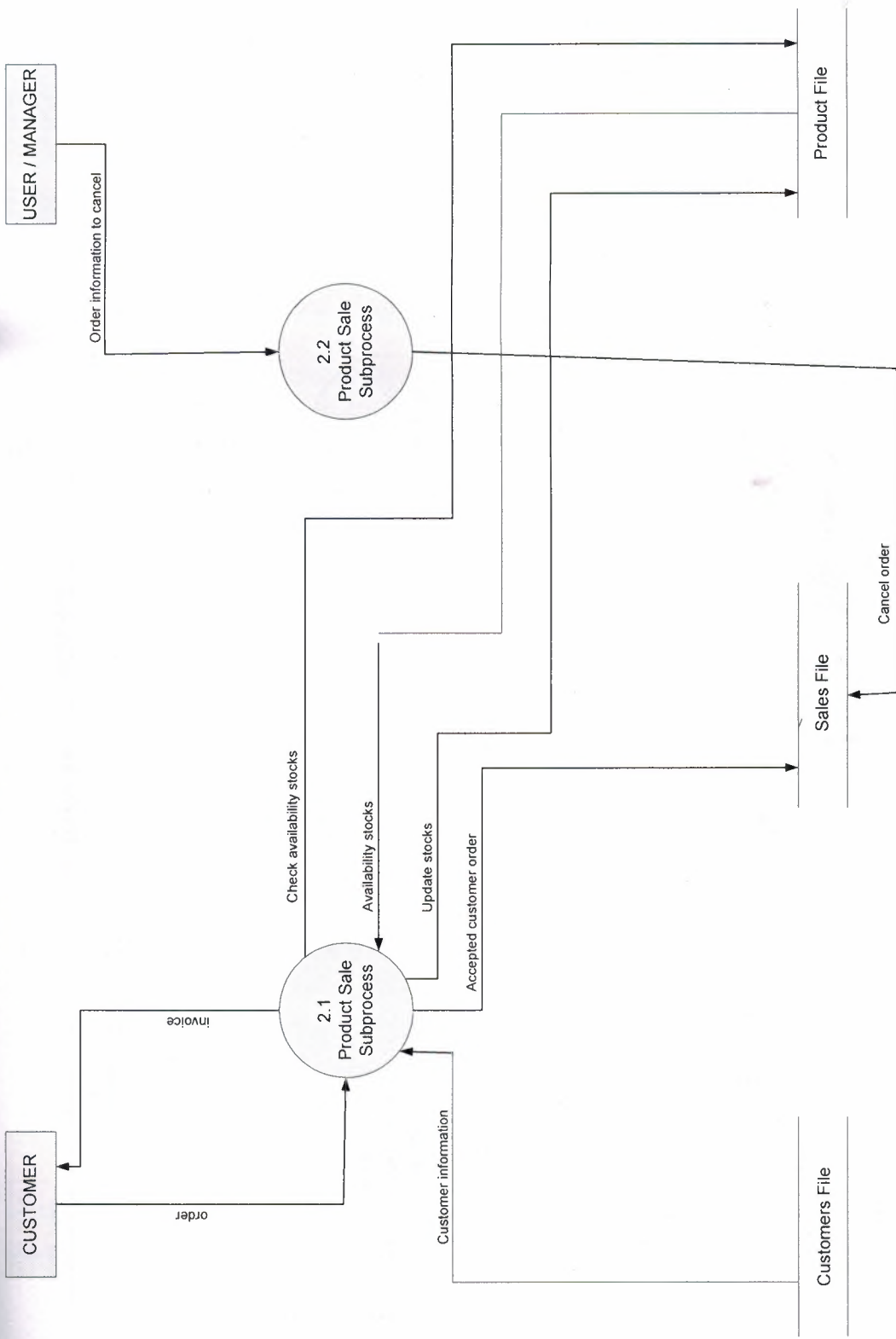
TOP LEVEL DIAGRAM OF HOUSEHOLD AUTOMATION SYSTEM



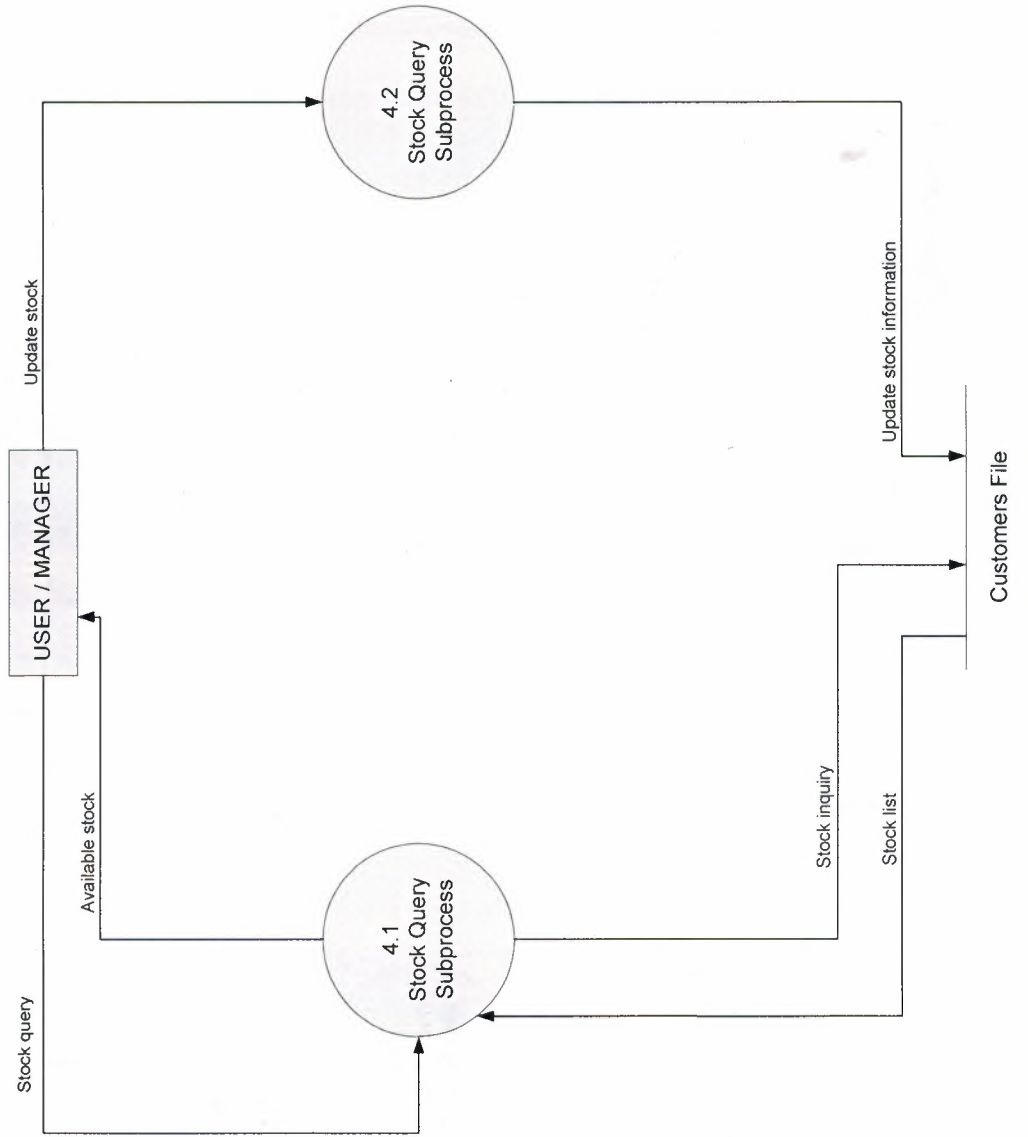
Detailed DFD For Customer Process



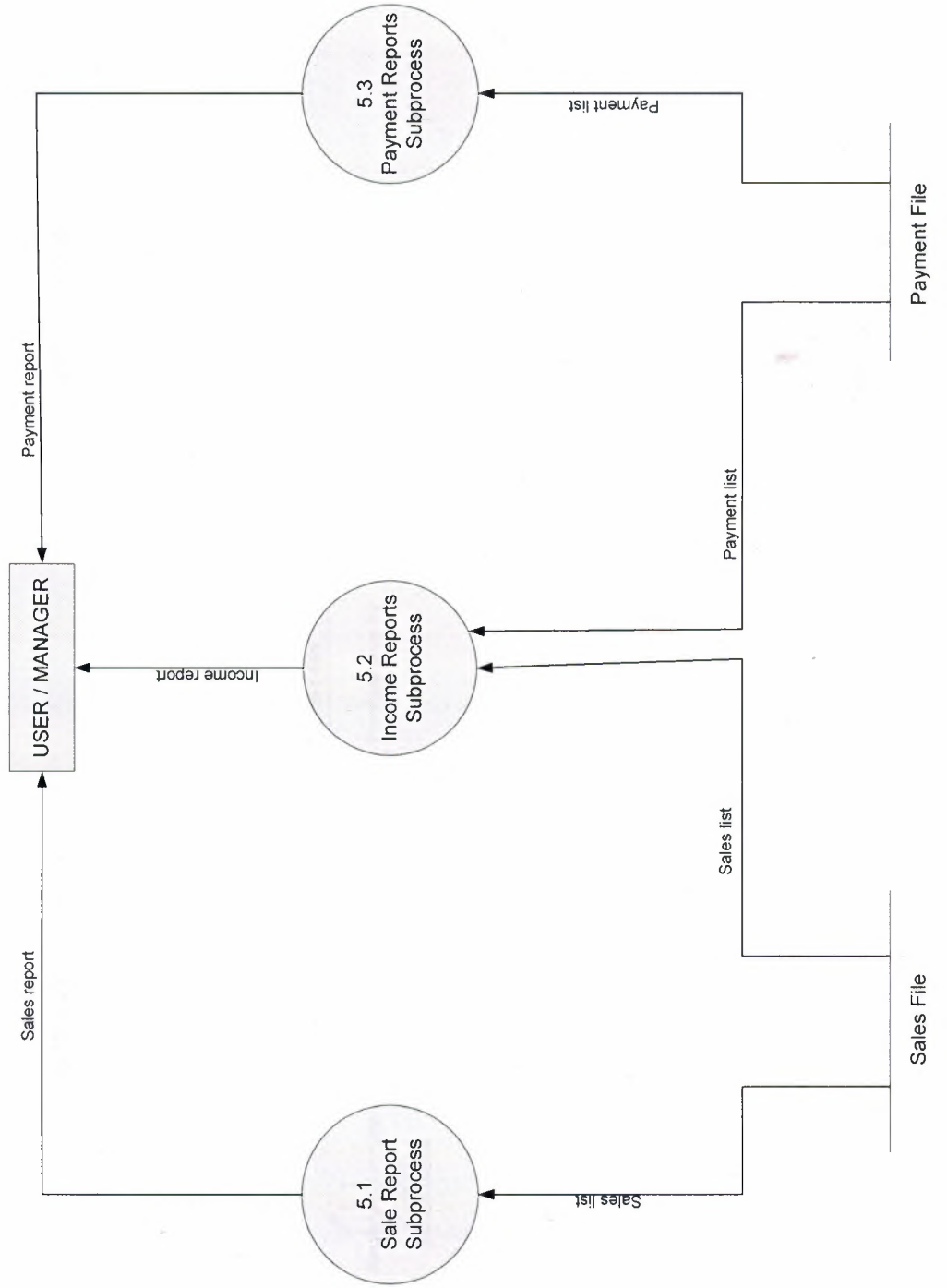
Detailed DFD For Sale Process



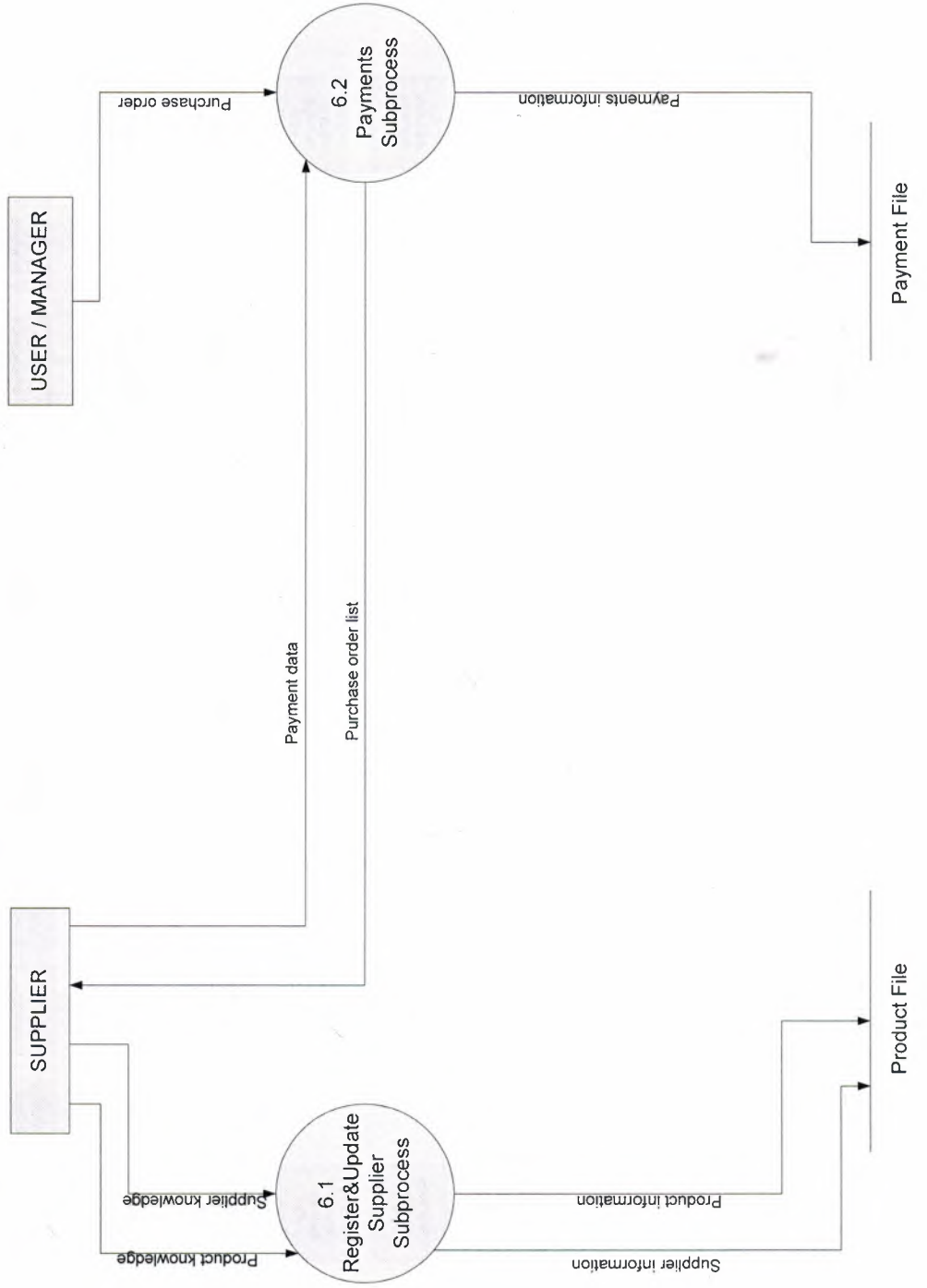
Detailed DFD For Product Process



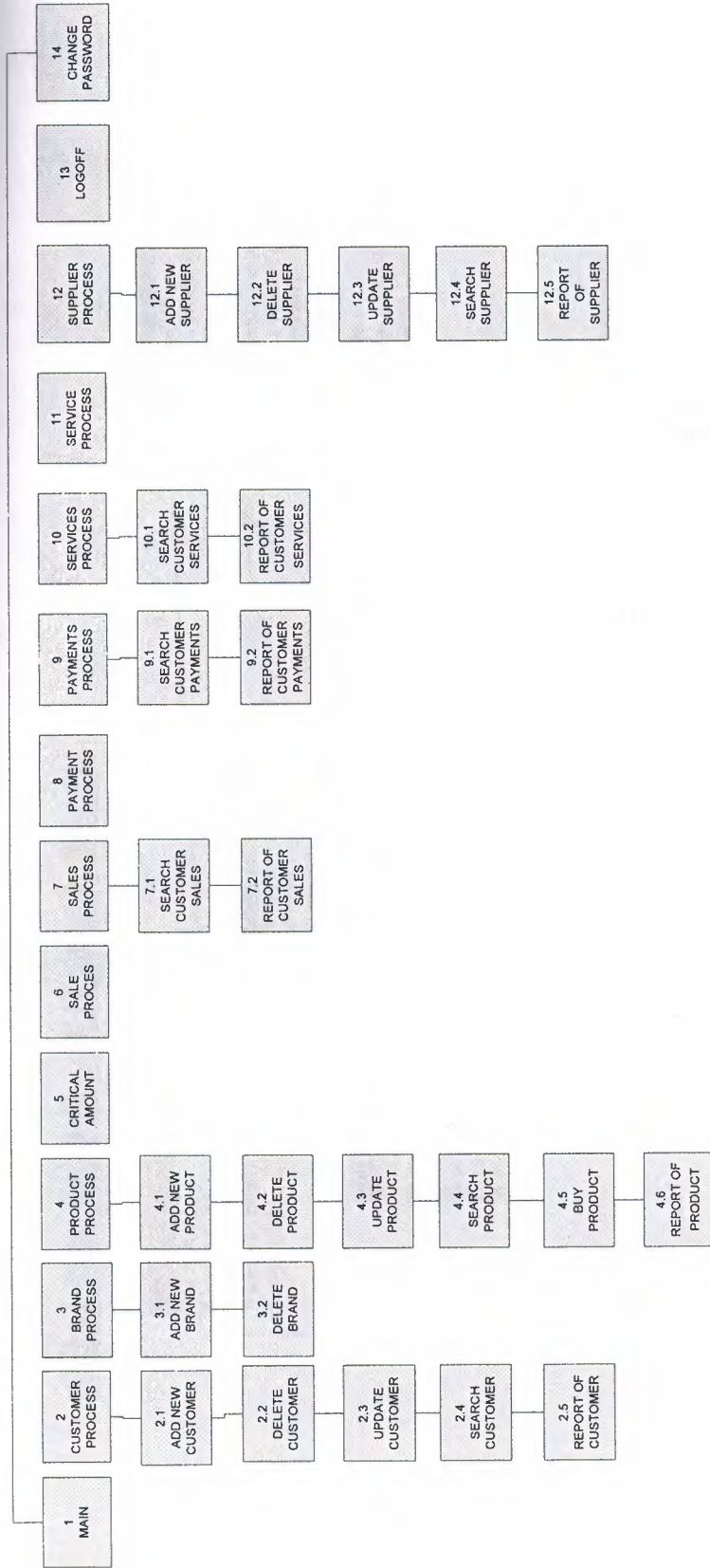
Detailed DFD For Report Process



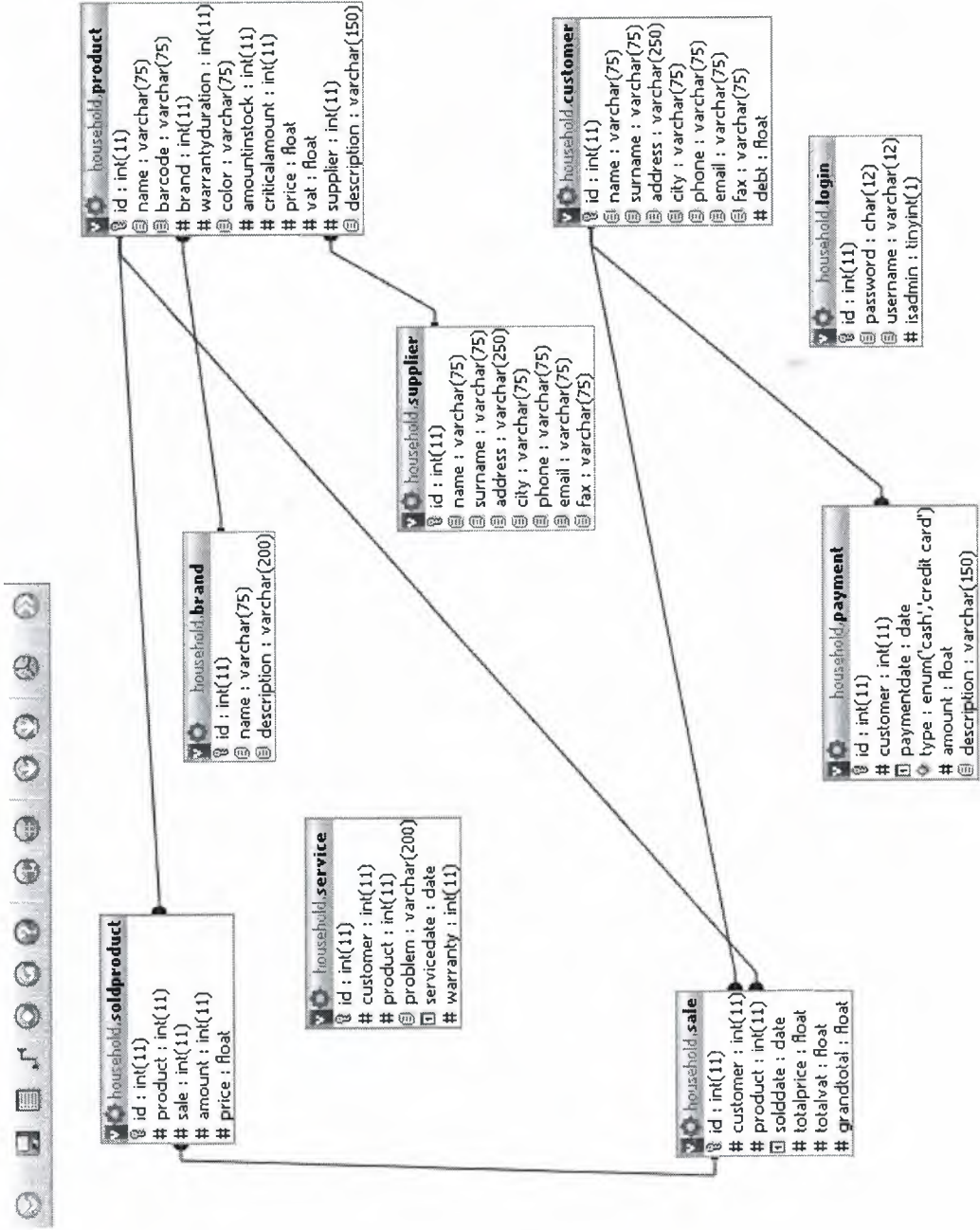
Detailed DFD For Supplier Process



SYSTEM BLOCK DIAGRAM FOR HOUSEHOLD AUTOMATION SYSTEMS



DATABASE DESIGN



If you enter the program first you have to enter password. The password is "1234"

After you will see the main menu.

The main process are as follows;

- 1) Main
- 2) Customer
- 3) Brand
- 4) Product
- 5) Critical Amount
- 6) Sale
- 7) Sales
- 8) Payment
- 9) Payments
- 10) Services
- 11) Service
- 12) Supplier
- 13) Logoff
- 14) Change password

2. Main Process (see figure 2)

Show only Household Automation System pictures

2. Customer Information System (see figure 3)

2.1 Customer add process (see figure 4)

In this process user can add new customer information and save it.

2.2 Customer update process (see figure 6)

User have to enter customer name and user can see customer information and update it.

2.3 Customer delete process (see figure 7)

User have to enter customer name and by this way customer information deleted.

2.4 Customer search process (see figure 5)

User use search button to find saved customers by name, surname and city.

2.5 Customer report process (see figure 8)

In this process user reach to the customer data.

3.Brand Information System (see figure 9)

3.1Brand add process(see figure 10)

In this process user can add new brand information and save it.

3.2Brand delete process(see figure 11)

In this process user can delete an unnecessary information.

4. Product Information System (see figure 12)

4.1Product add process(see figure 13)

In this process user can add new product information and save it.

4.2Product update process(see figure 15)

User have to enter customer name and user can see customer information and update it.

4.3Product delete process(see figure 14)

In this process user can delete an unnecessary information.

4.4Product search process(see figure 16)

User use search button to find saved product by name and brand.

4.5Product report process(see figure 18)

In this process user reach to the product details.

4.6Product buy process(see figure 17)

In this process user obtains products which are going to be sell.

5. Critical Amounts Process (see figure 19)

In this process user can see the amount of stock.

6. Sale Process (see figure 20)

In this process user sell the products.

7. Sales Process (see figure 21)

7.1Sale Search Process(see figure 22)

User use search button to find saved sell by customer and product.

7.2Sale Report Process(see figure 23)

In this process user can reach to the selling details between two dates.

8. Payment Process (see figure 24)

In this process customers can pay their debts.

9. Payments Process (see figure 24)

9.1Payments Search Process(see figure 25)

User use search button to find saved payments by customer .

9.2 Payments Reports Process(see figure 26) In this process user can reach to the payments details between two dates.

10. Services Process (see figure 27)

10.1 Services Search Process(see figure 29)

User use search button to find saved services by customer .

10.2 Services Report Process(see figure 30)

In this process user can reach to the services details between two dates.

11. Service Process (see figure 28)

In this process the sold products can be served.

12. Supplier Process (see figure 31)

12.1 Supplier add process(see figure 32)

In this process user can add new supplier information and save it.

12.2 Supplier update process(see figure 34)

User have to enter supplier name and user can see supplier information and update it.

12.3 Supplier delete process(see figure 32)

User have to enter supplier name and by this way supplier information deleted.

12.4 Supplier search process(see figure 35)

User use search button to find saved supplier by name, surname and city.

12.5 Supplier report process(see figure 36)

In this process user reach to the supplier details.

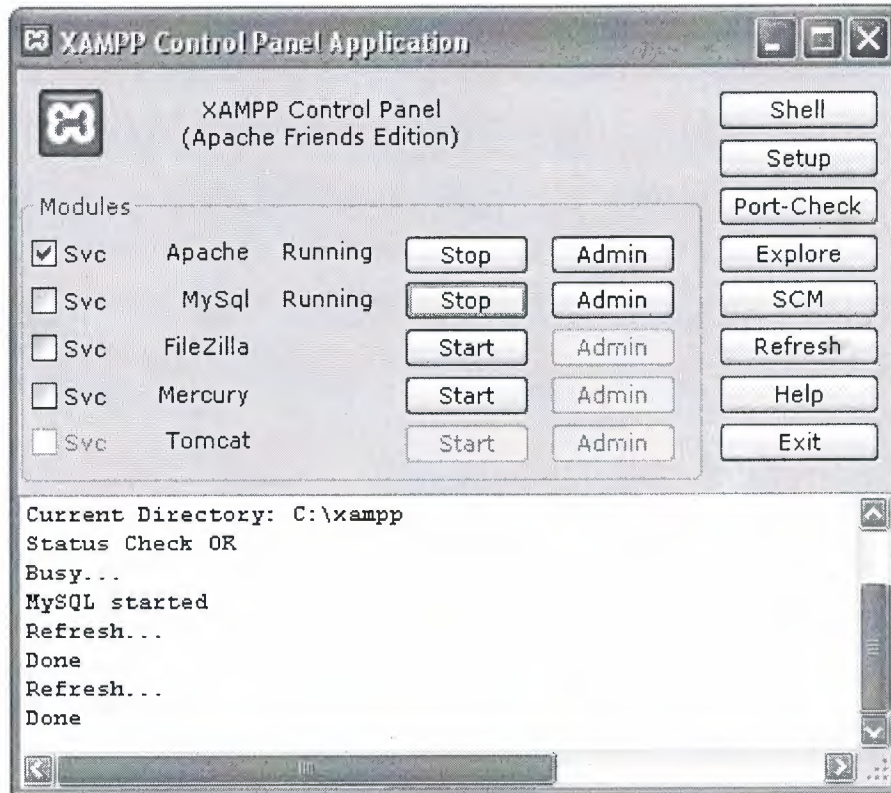
13. Logoff Process (see figure 37)

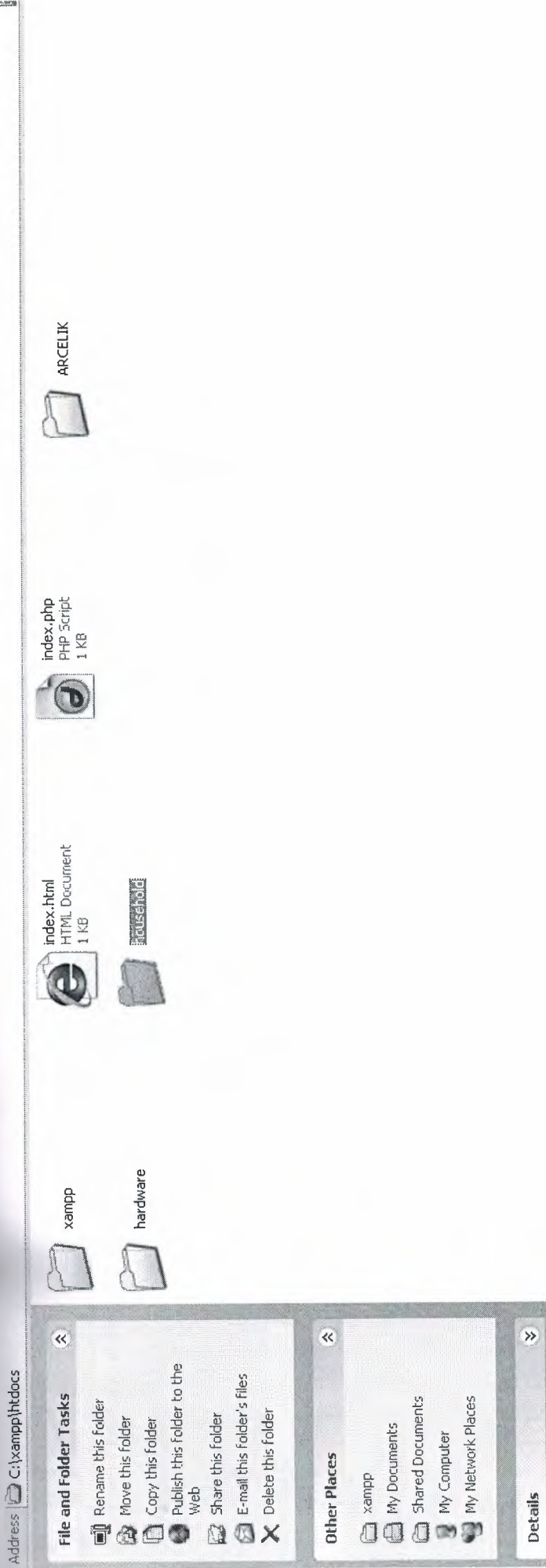
In this process user lives the account.

14. Change Password (see figure 38)

In this process user can change the access code.

HOW TO INSTALL THIS PROGRAM





First copy the program C:\xampp\htdocs

Server: localhost Database: household

Table	Action	Records 1	Type	Collation	Size	Overhead
<input type="checkbox"/> brand		4	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> customer		5	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> login		2	InnoDB	latin1_swedish_ci	16.0 KiB	-
<input type="checkbox"/> payment		11	InnoDB	latin1_swedish_ci	32.0 KiB	-
<input type="checkbox"/> product		7	InnoDB	latin1_swedish_ci	48.0 KiB	-
<input type="checkbox"/> sale		20	InnoDB	latin1_swedish_ci	48.0 KiB	-
<input type="checkbox"/> service		2	InnoDB	latin1_swedish_ci	48.0 KiB	-
<input type="checkbox"/> soldproduct		0	InnoDB	latin1_swedish_ci	48.0 KiB	-
<input type="checkbox"/> supplier		1	InnoDB	latin1_swedish_ci	16.0 KiB	-
9 table(s)	Sum	52	MyISAM	latin1_swedish_ci	288.0 KiB	0 B

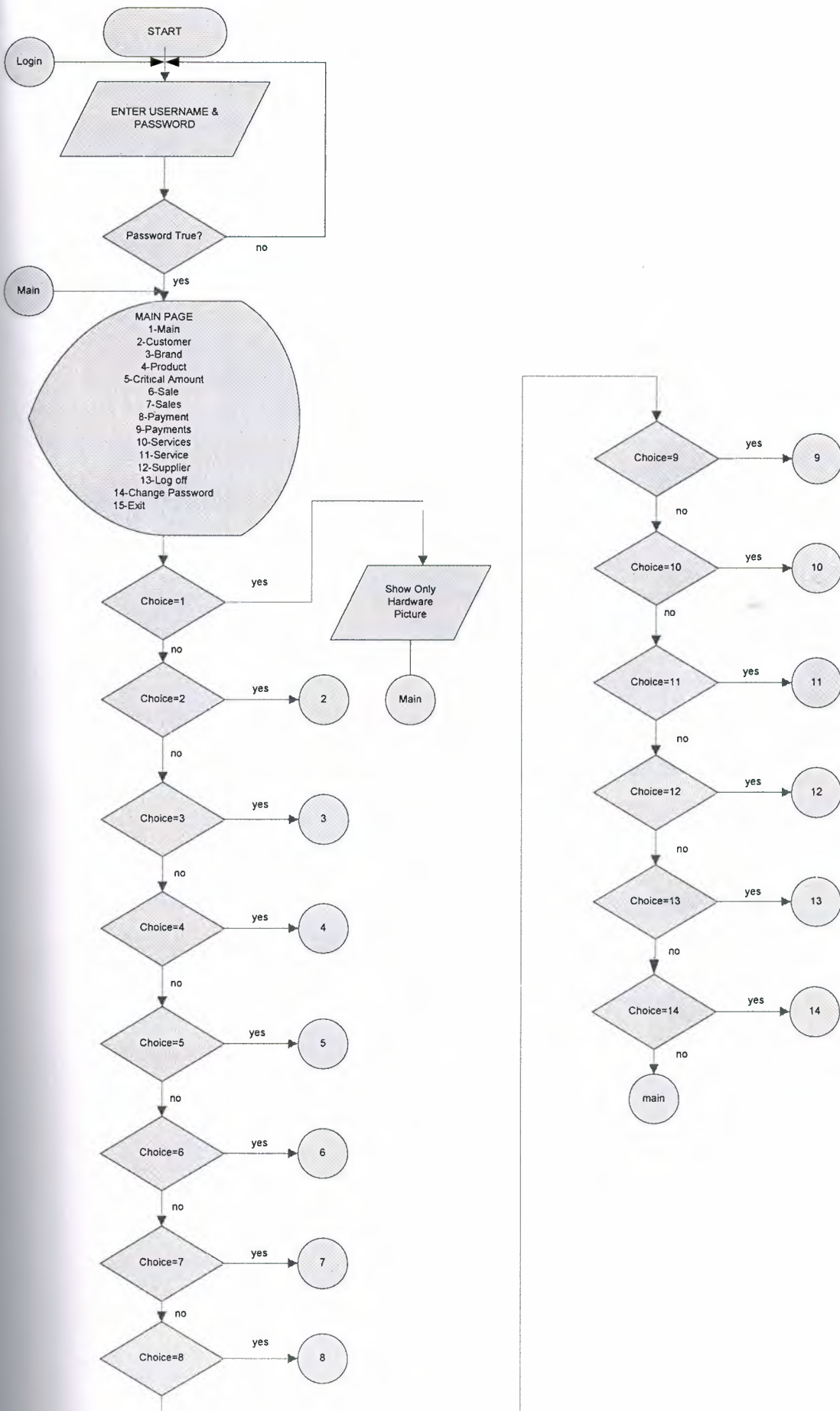
Check All / Uncheck All With selected:

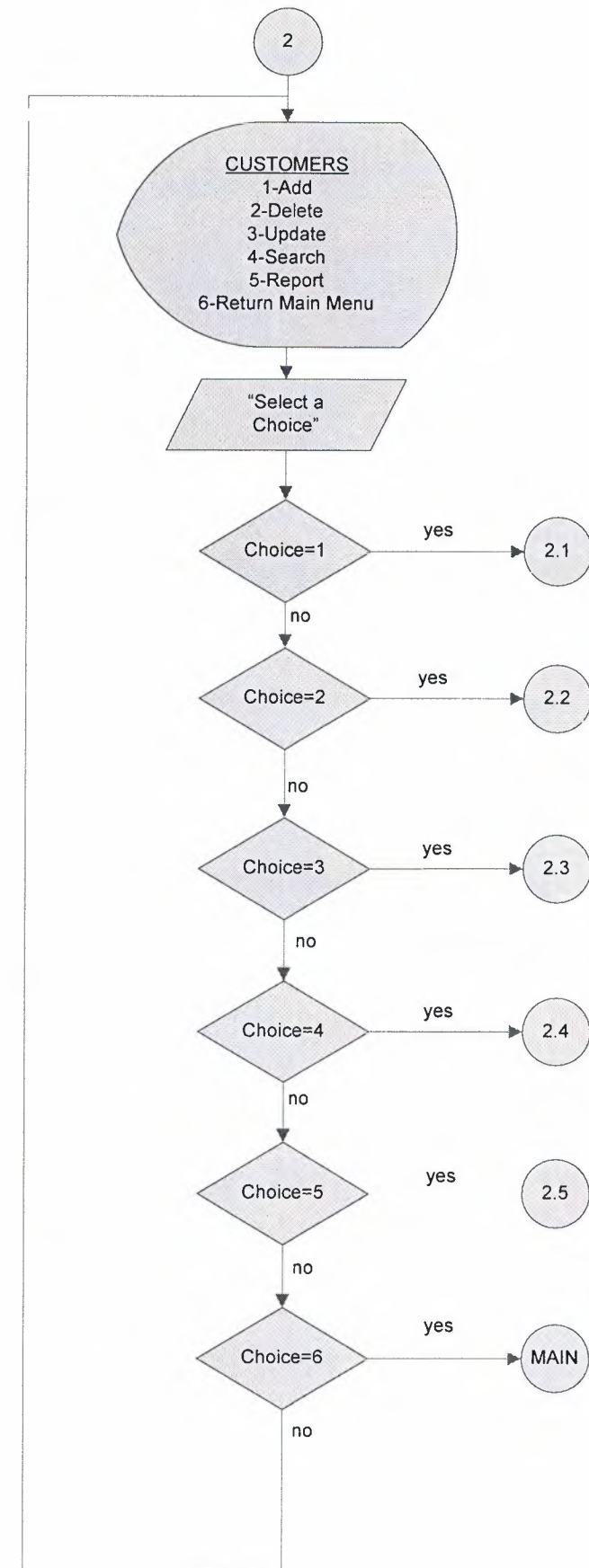
Print view Data Dictionary

Create new table on database household

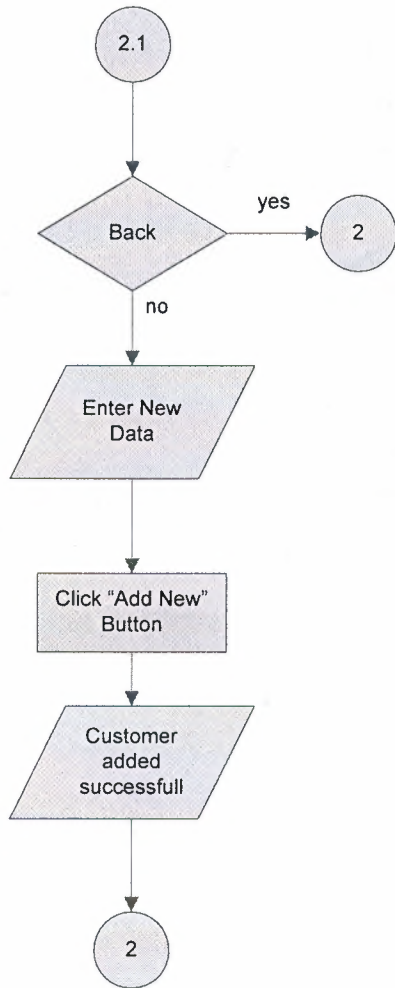
Name: Number of fields:

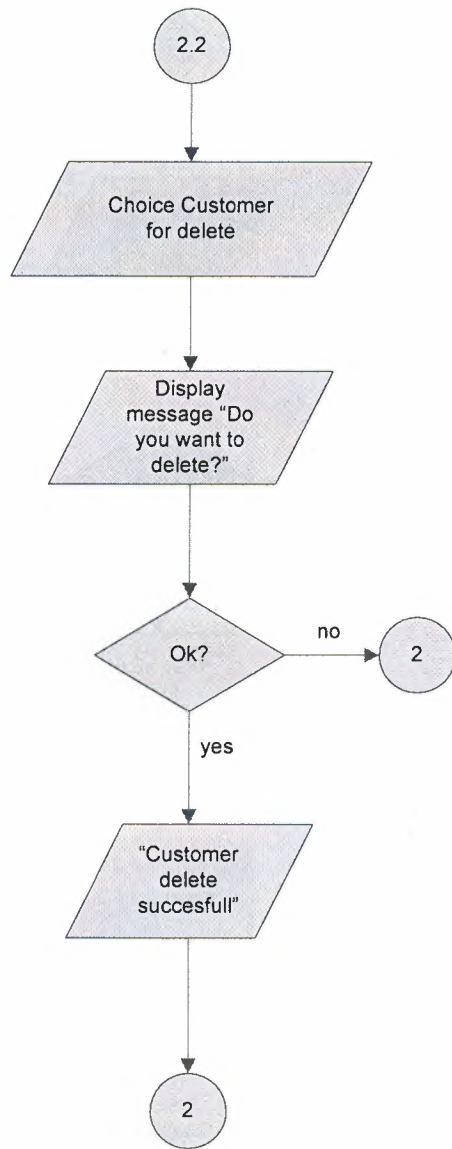
We show the our database (Household).

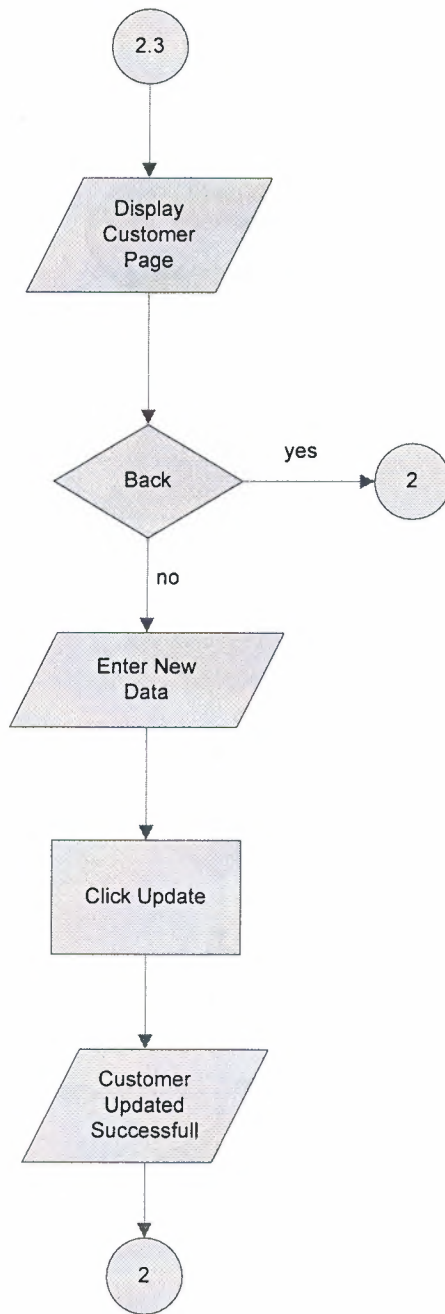


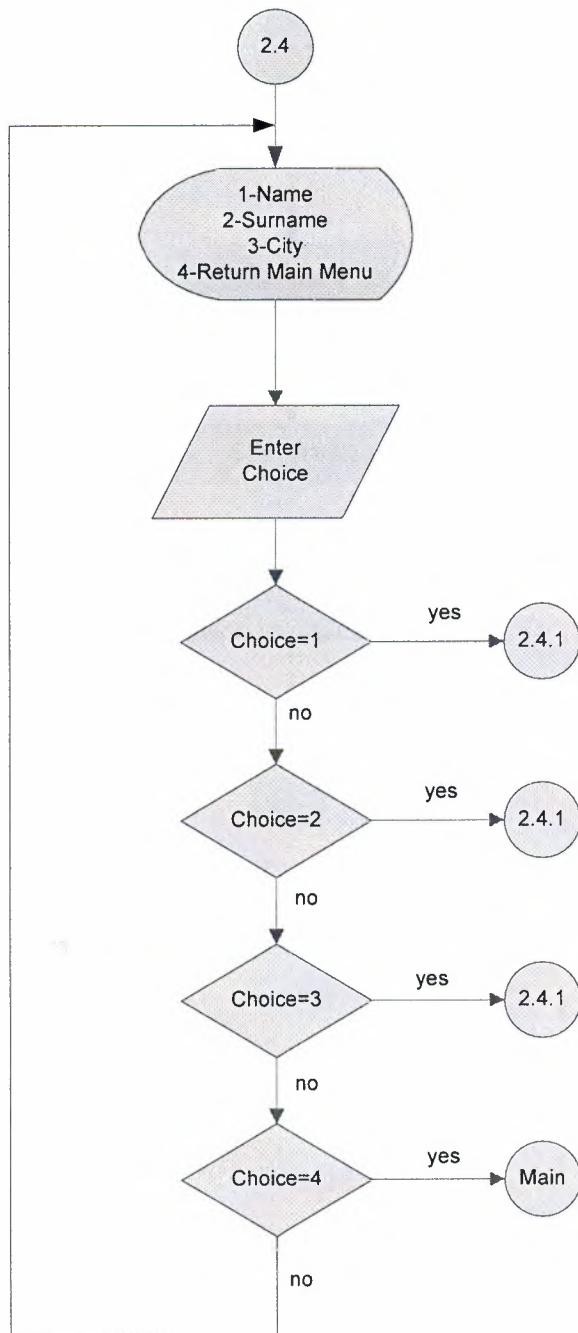


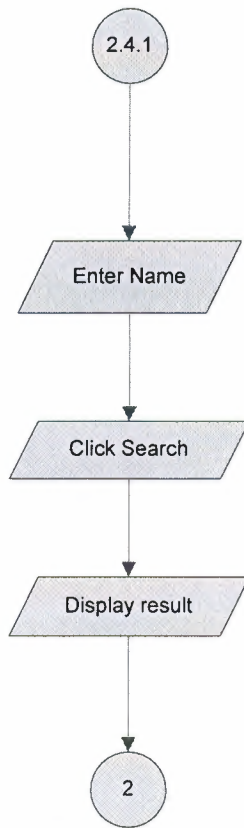
(*)CUSTOMER NAME
CUSTOMER SURNAME
CUSTOMER ADDRESS
CUSTOMER PHONE
CUSTOMER E-MAIL
CUSTOMER FAX

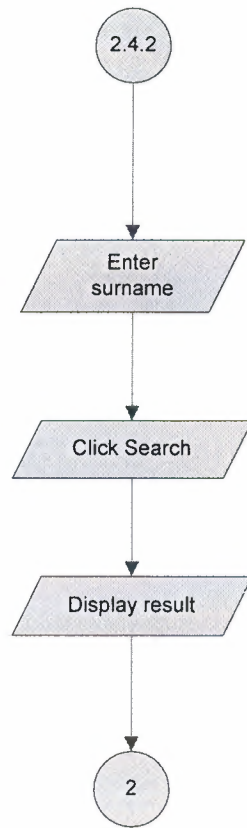


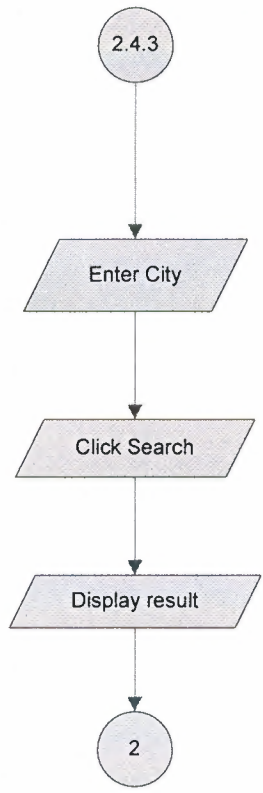


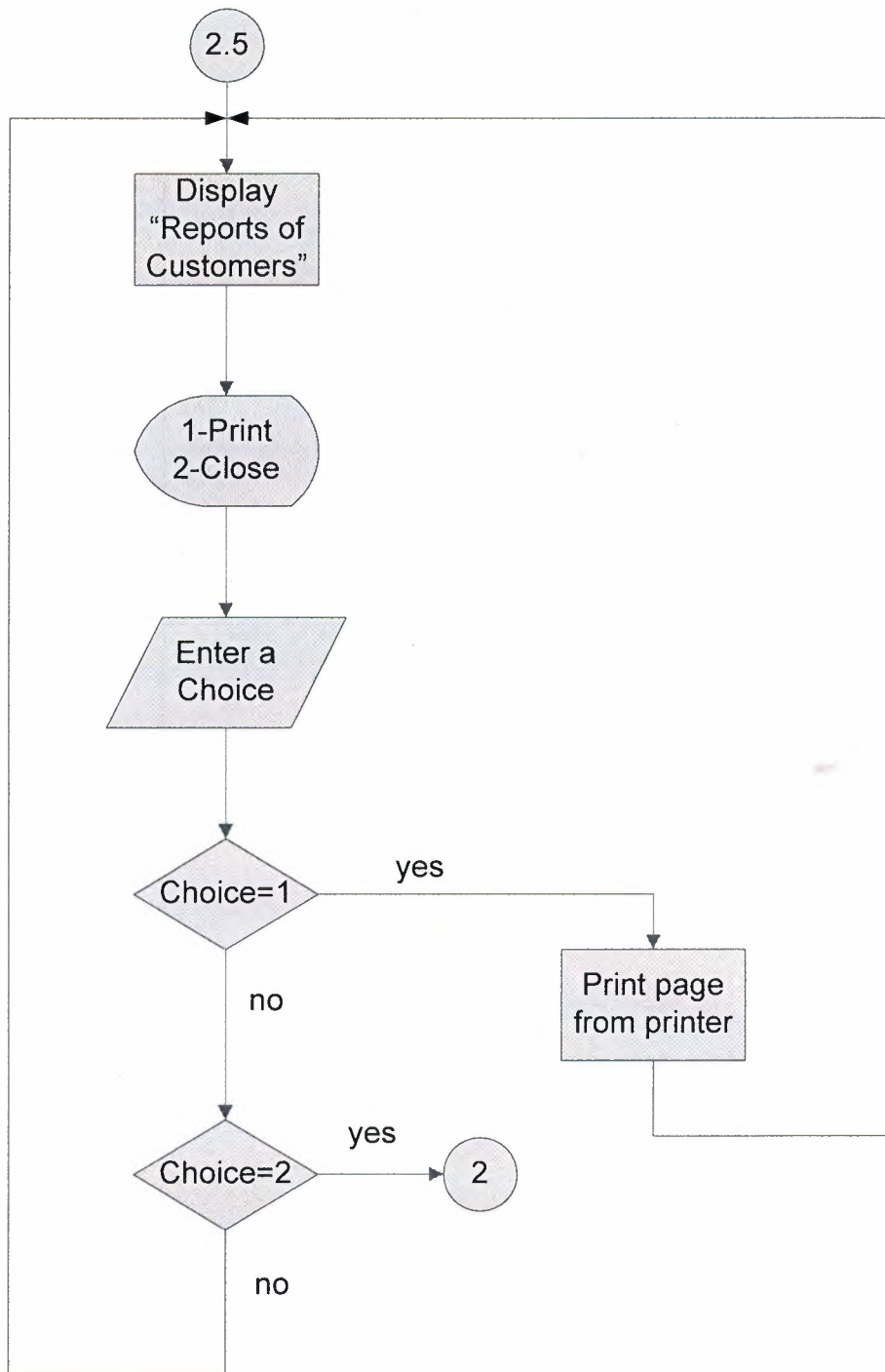


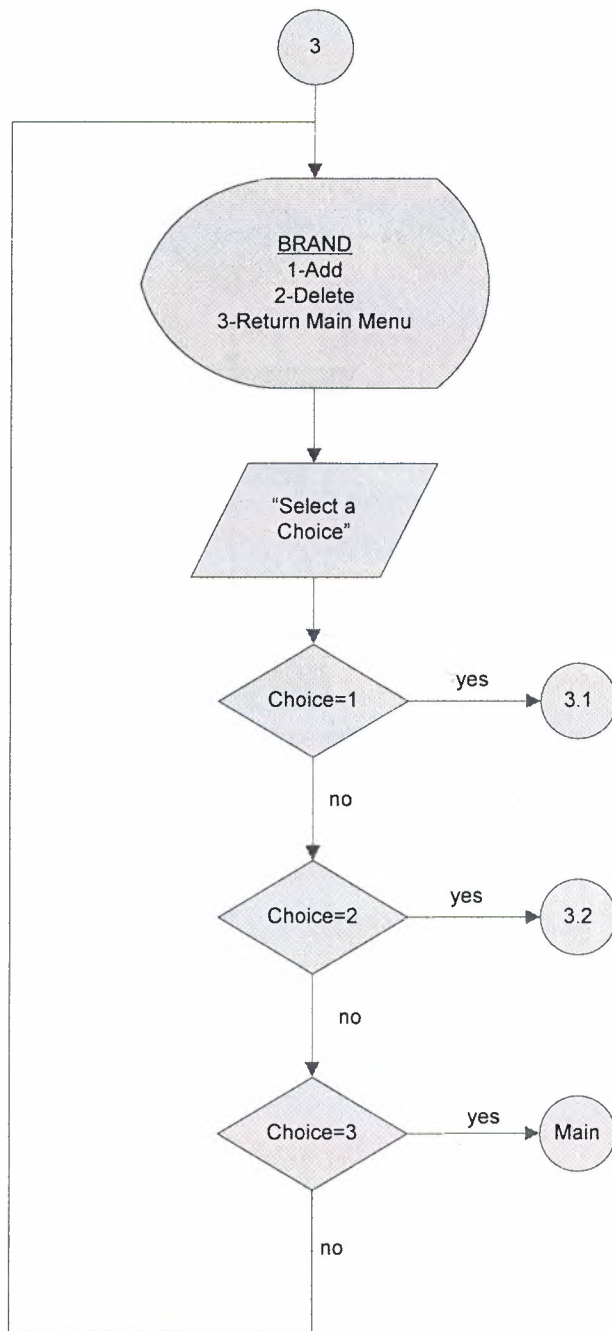


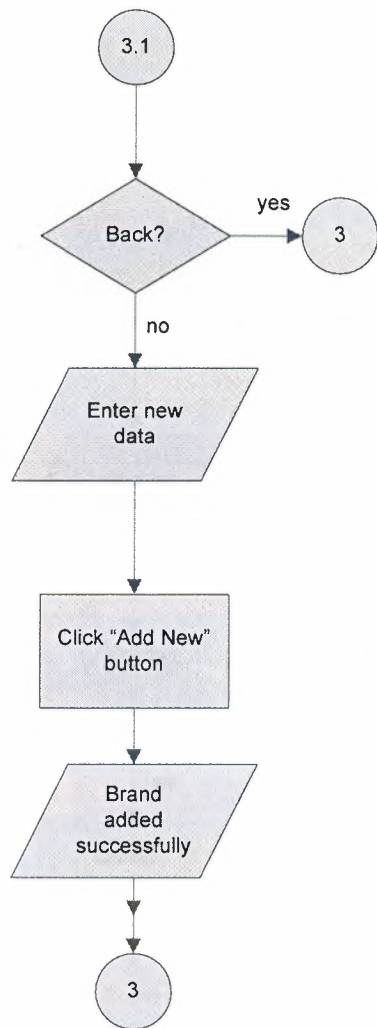


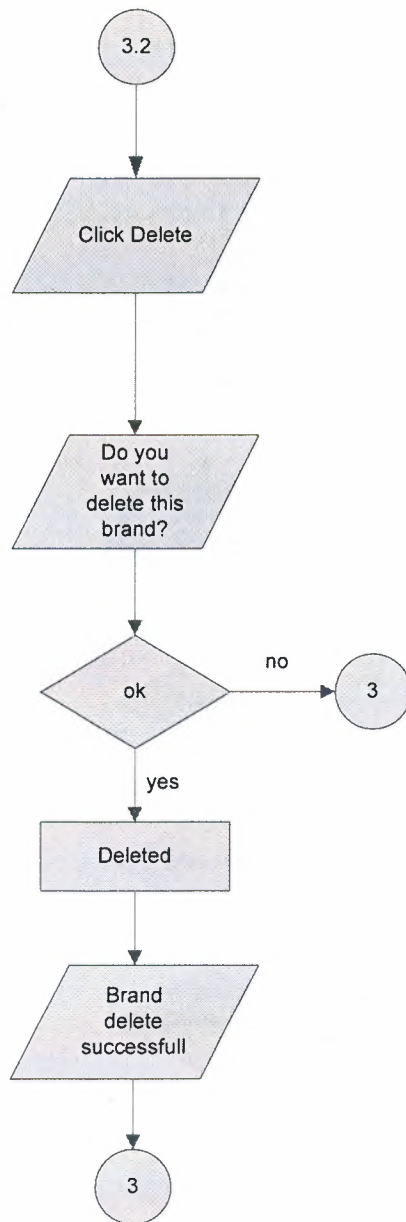


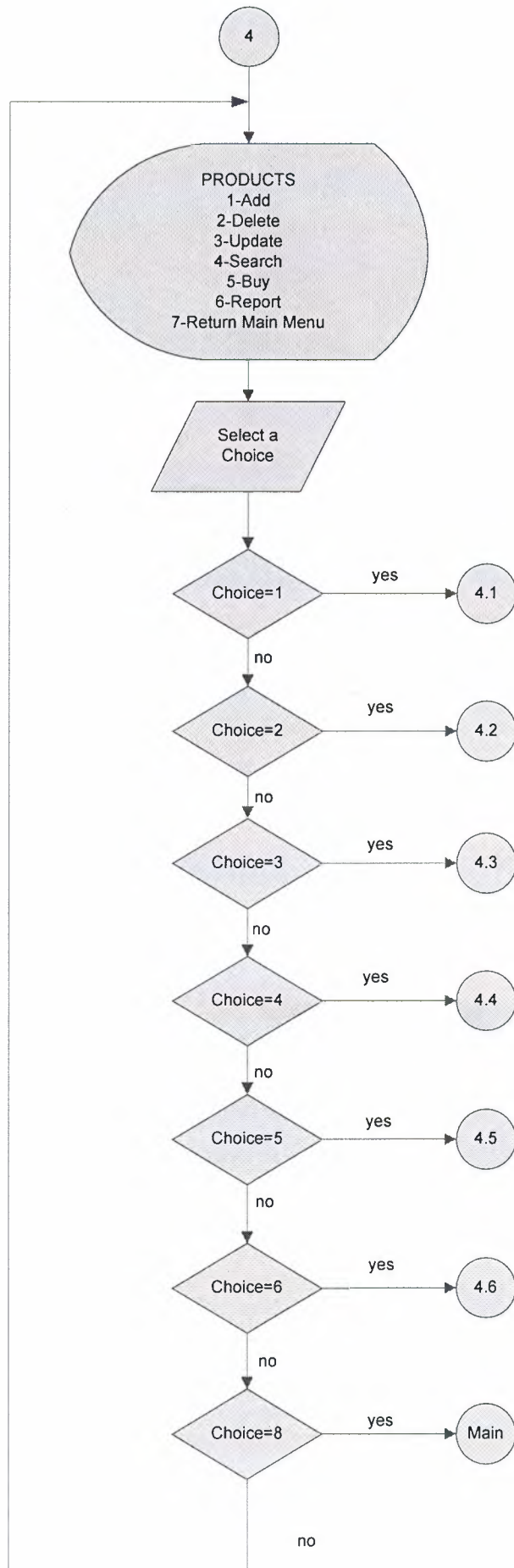




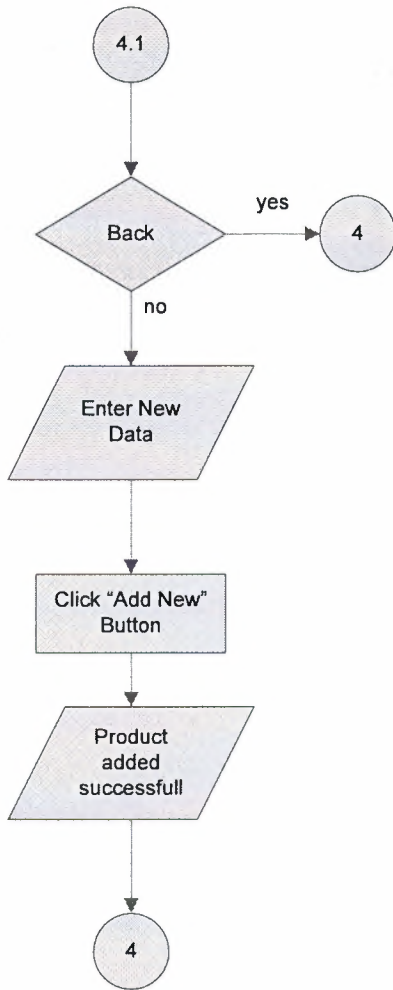


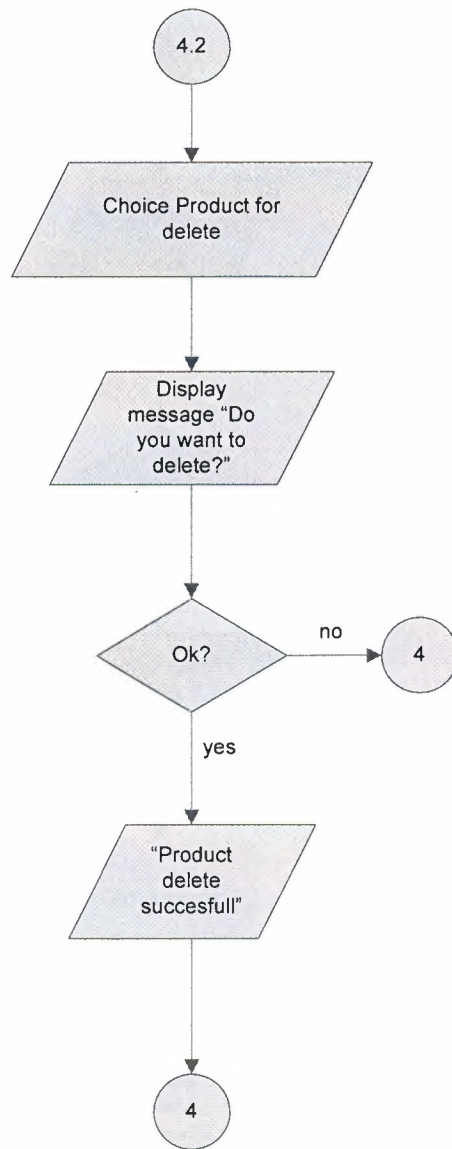


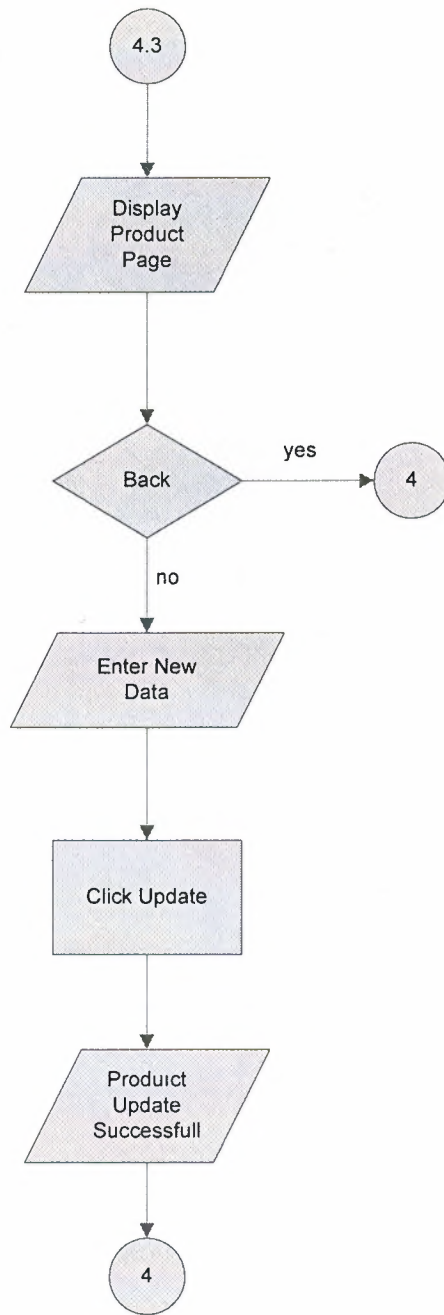


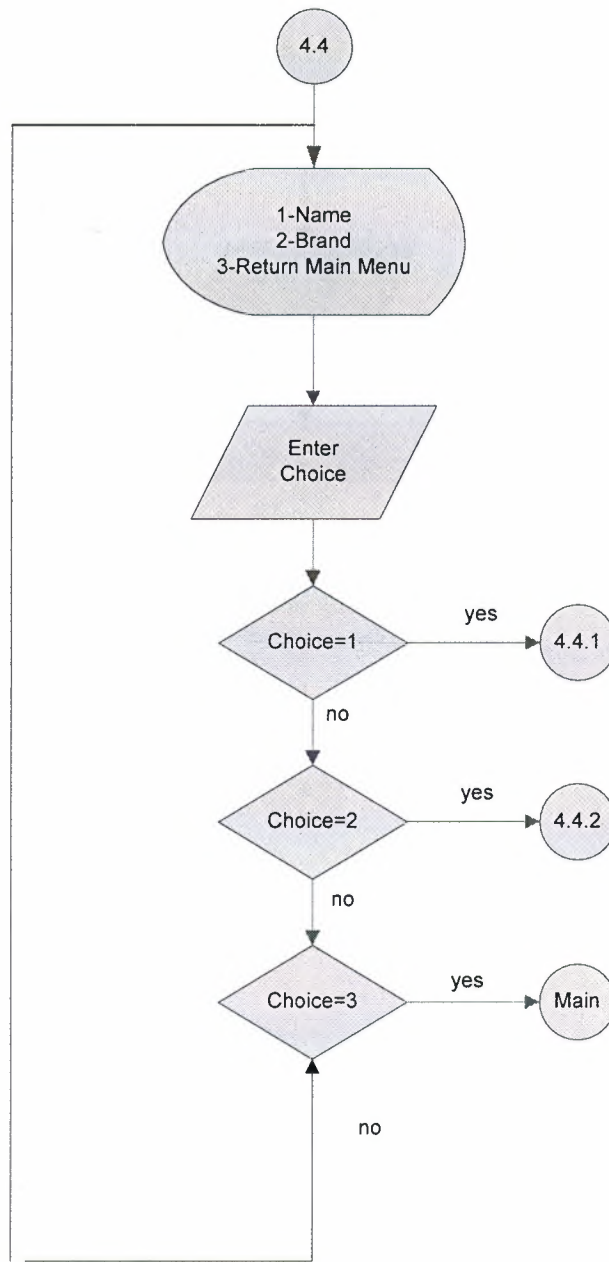


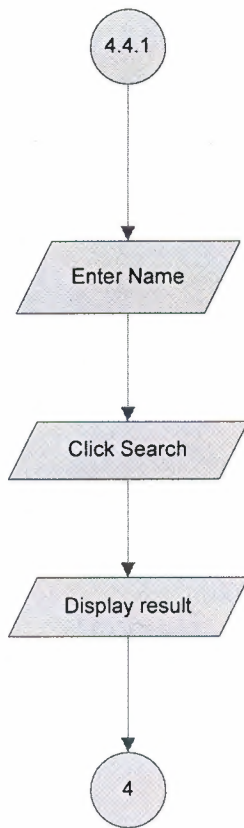
(*)PRODUCT NAME
PRODUCT BARCODE
PRODUCT WARRANTY
PRODUCT COLOUR
PRODCUT PRICE
PRODUCT DESCRIPTION

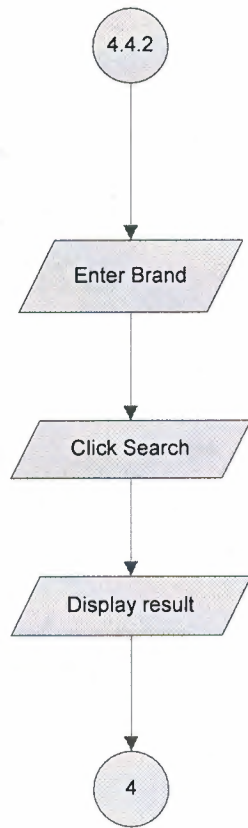


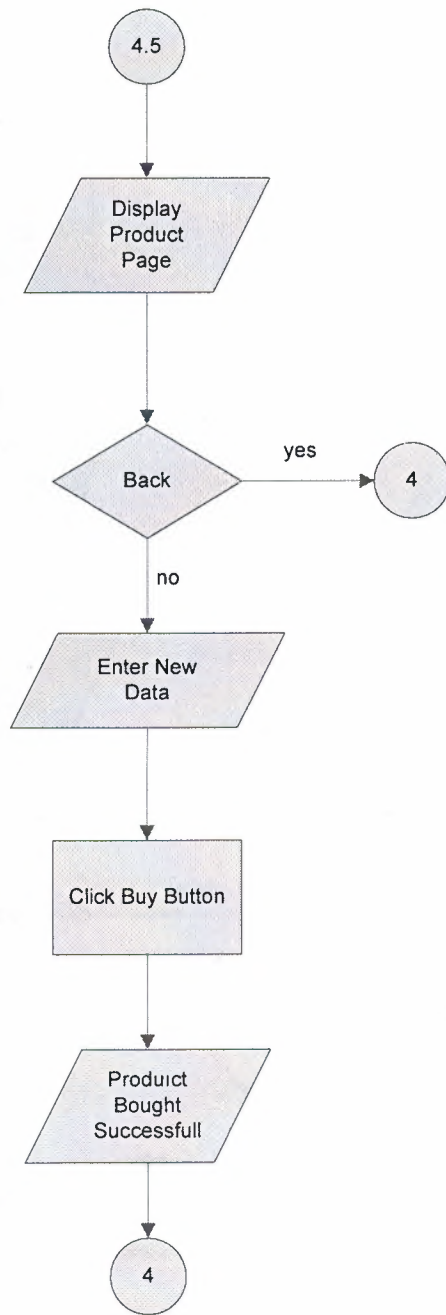


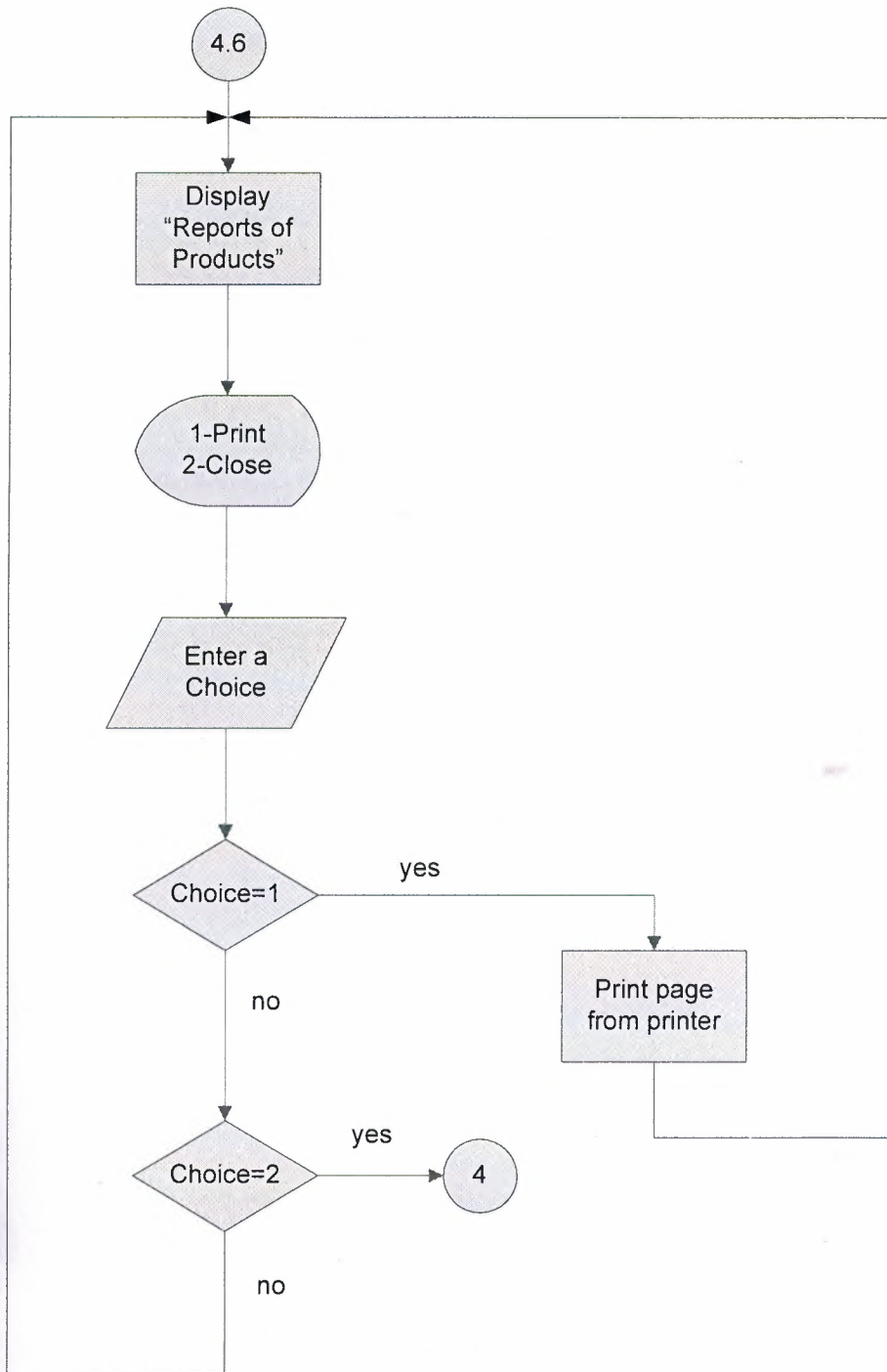


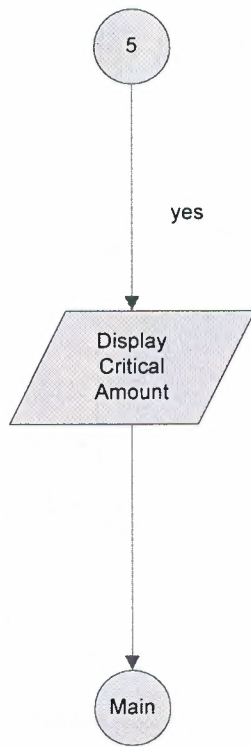


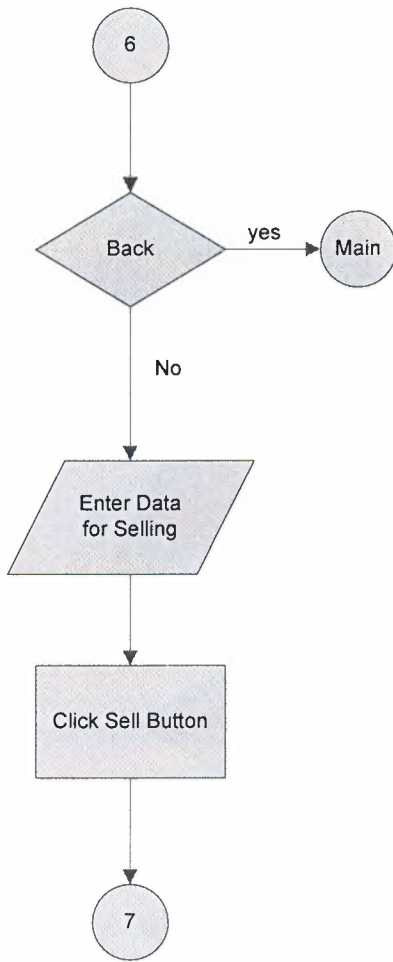


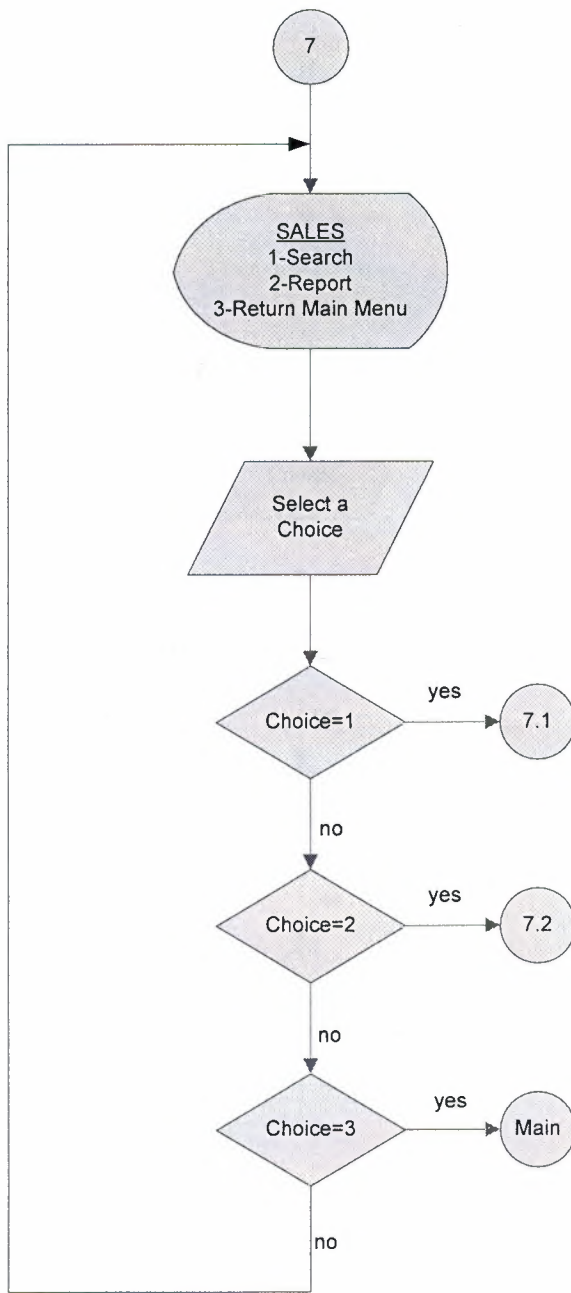


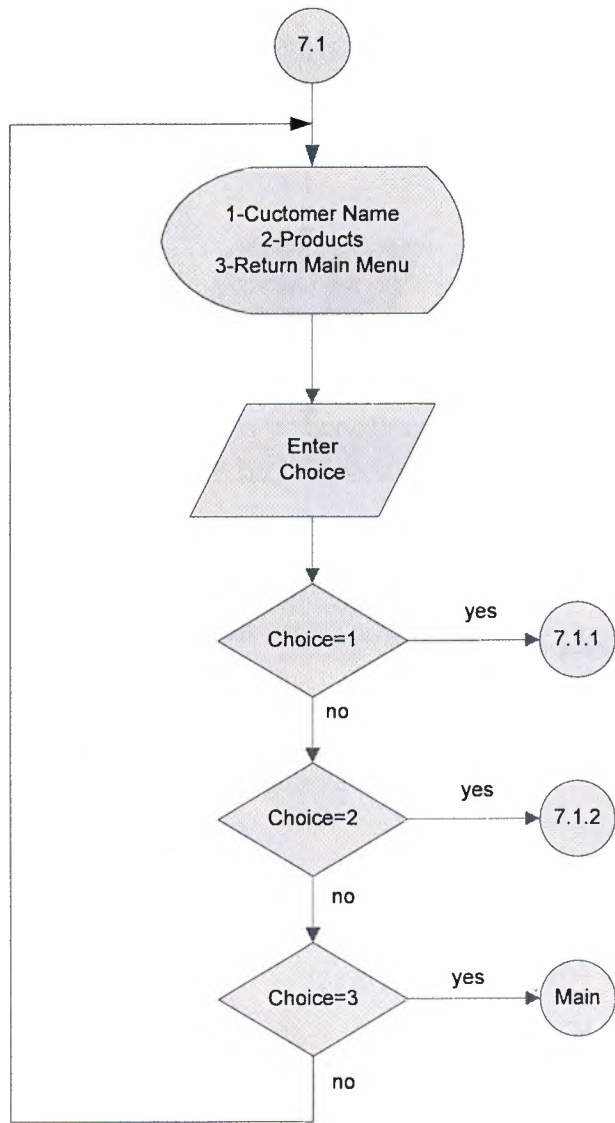


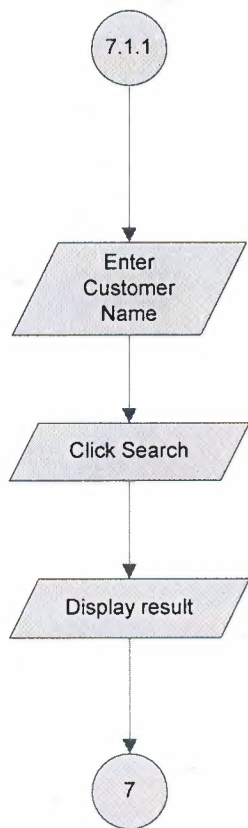


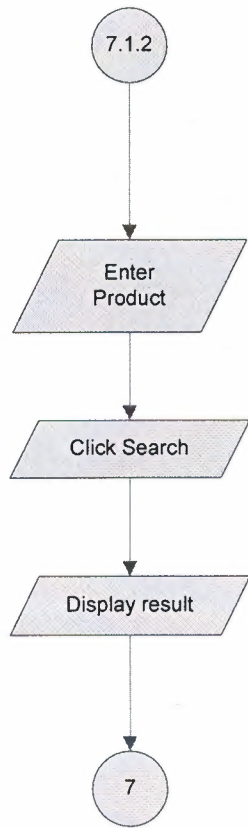


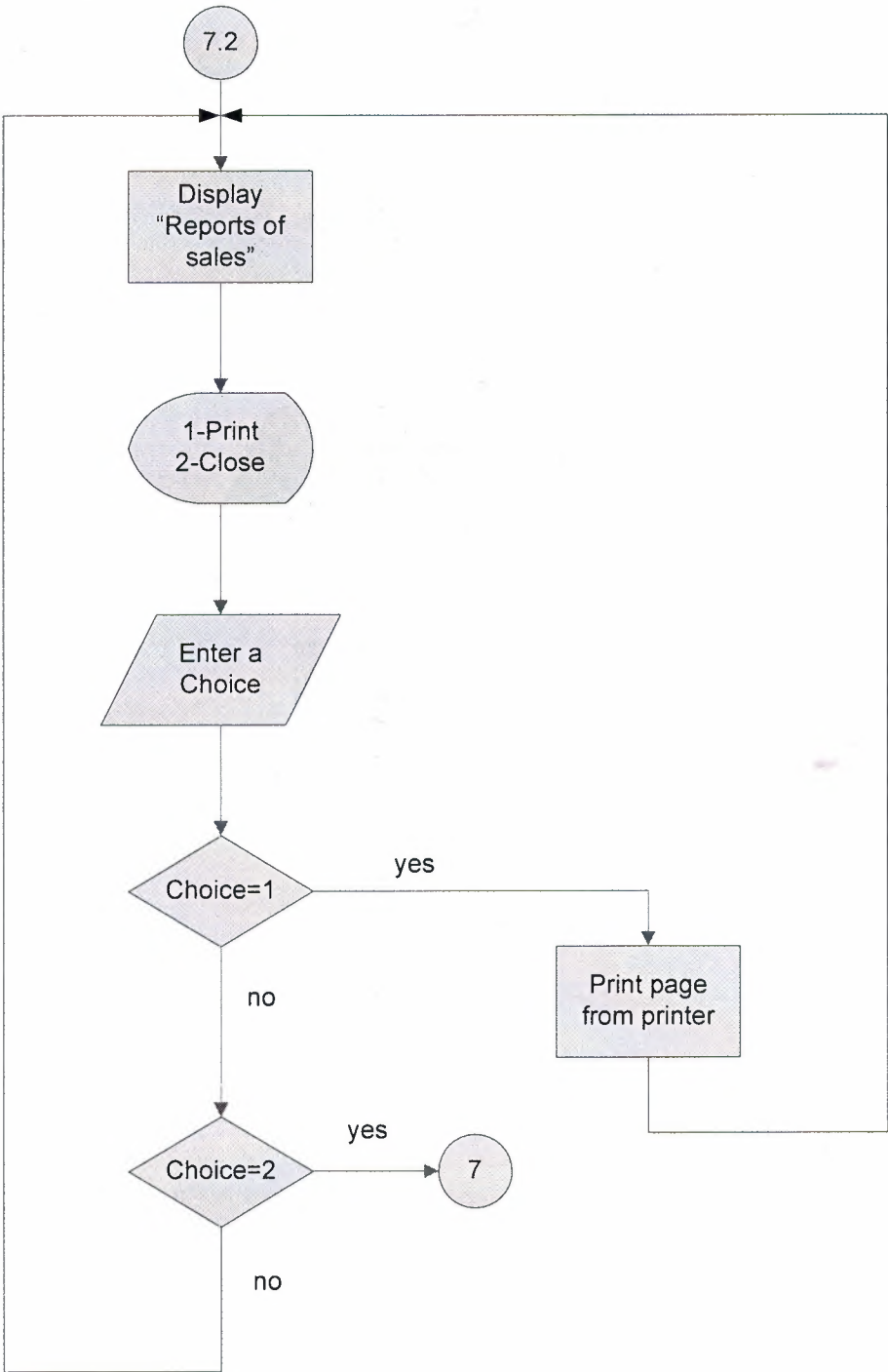


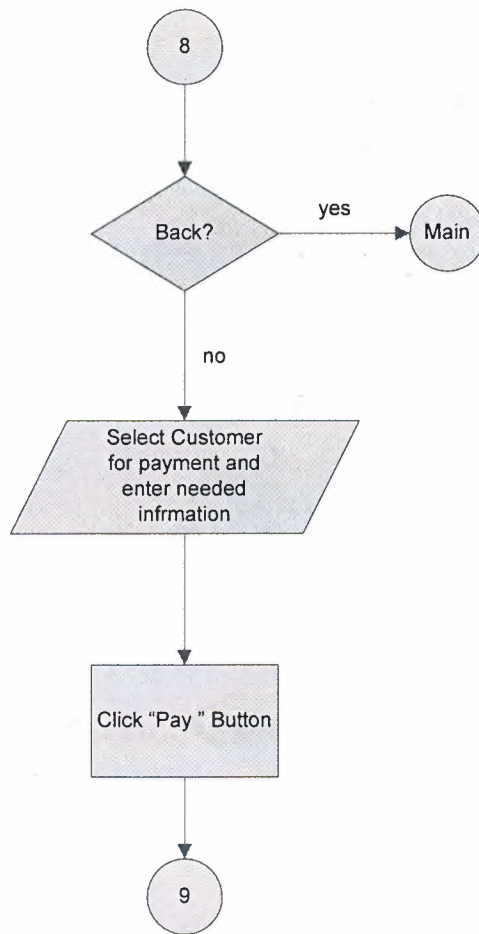


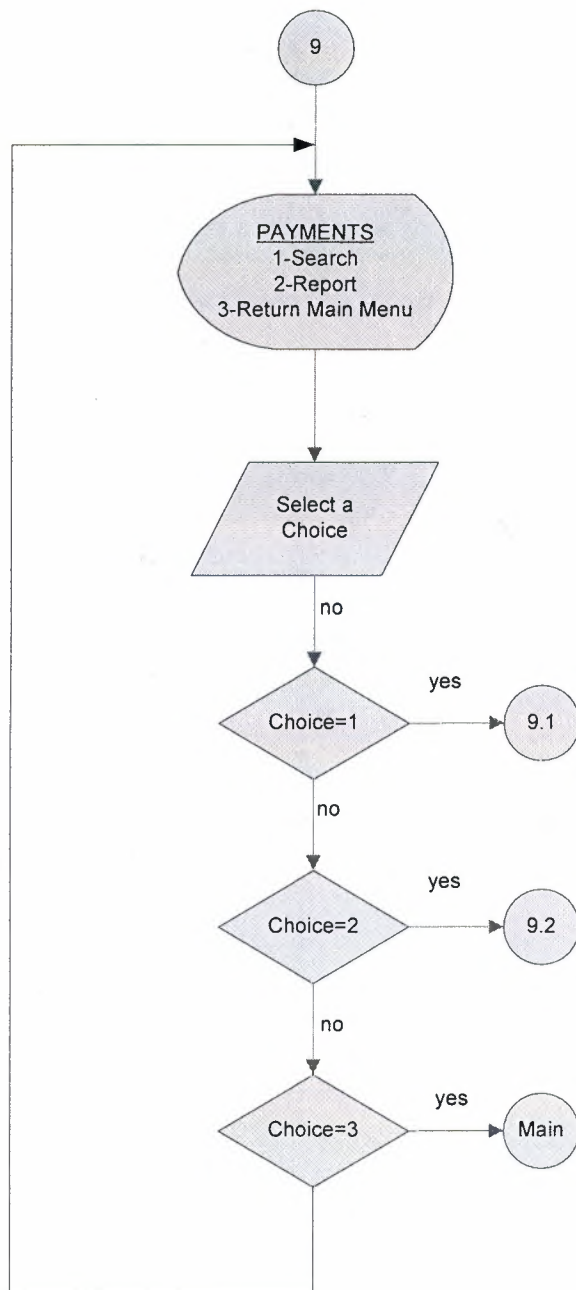


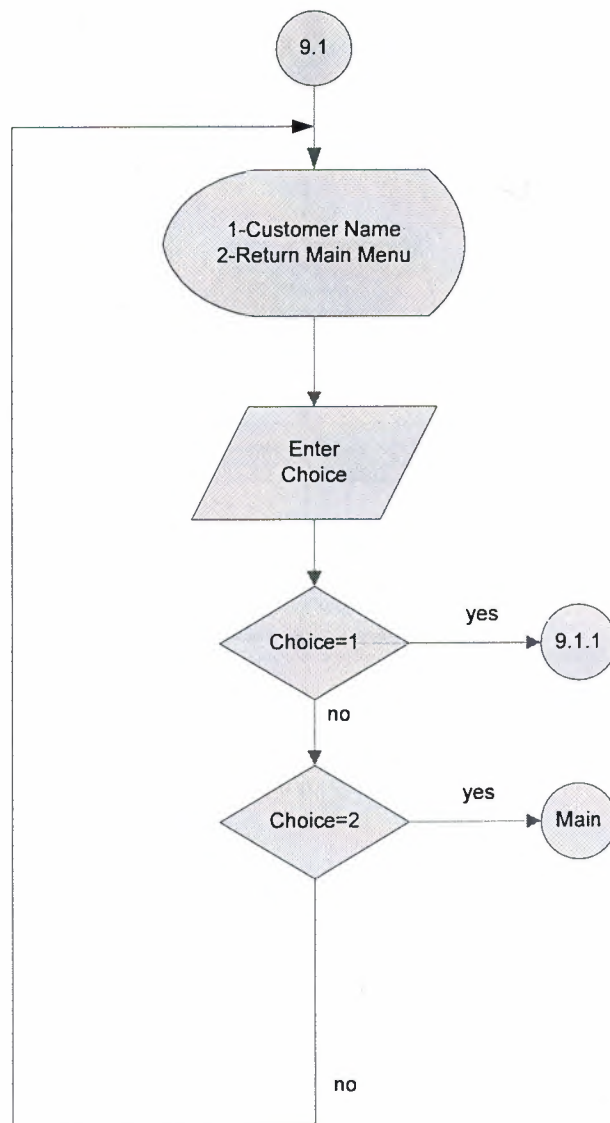


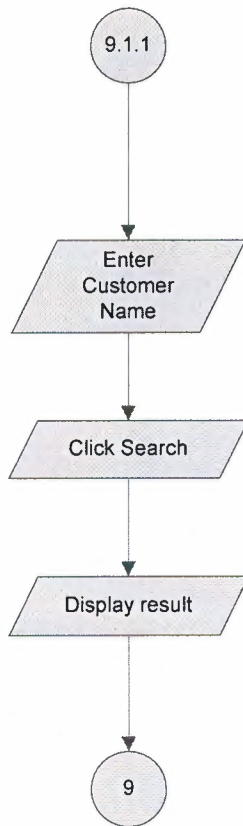


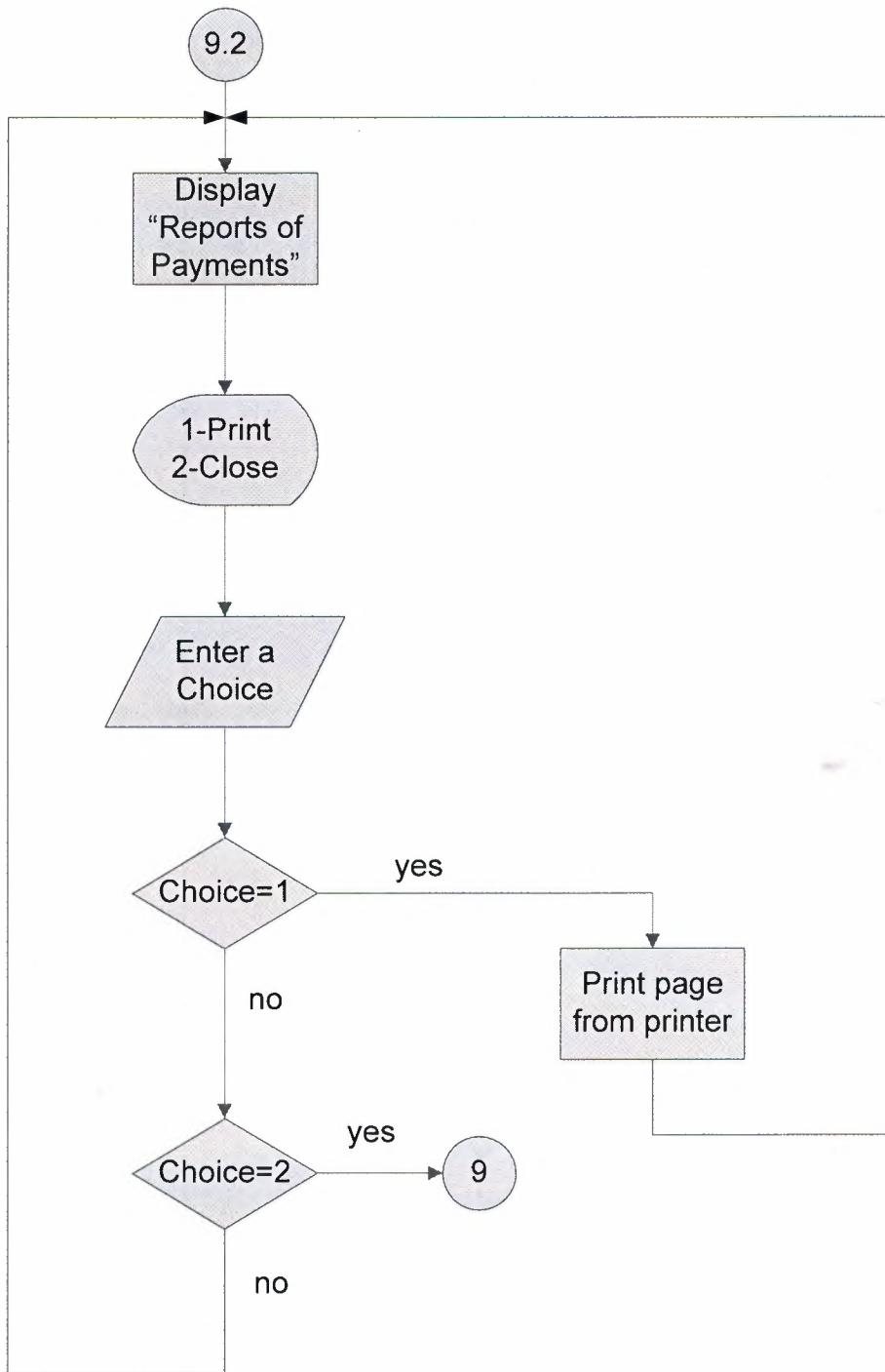


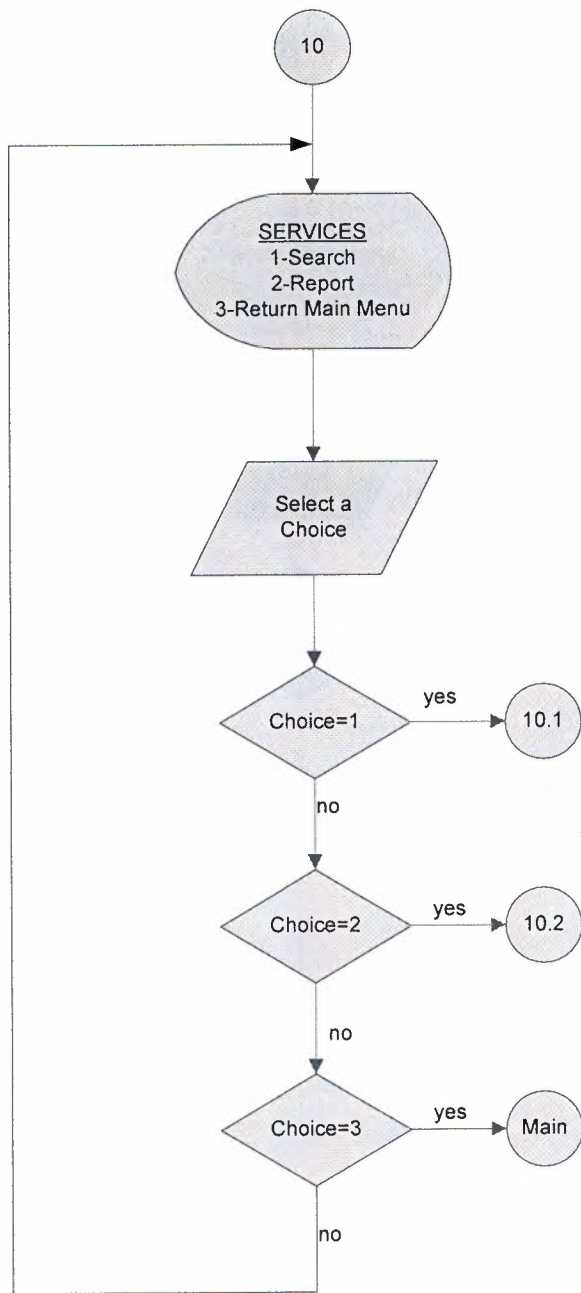


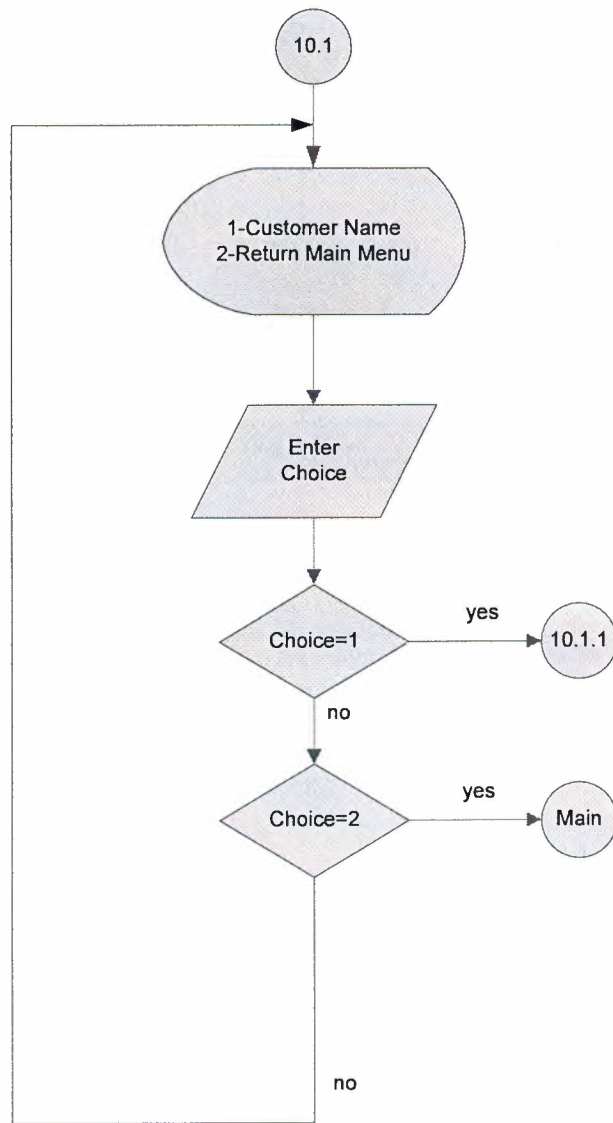


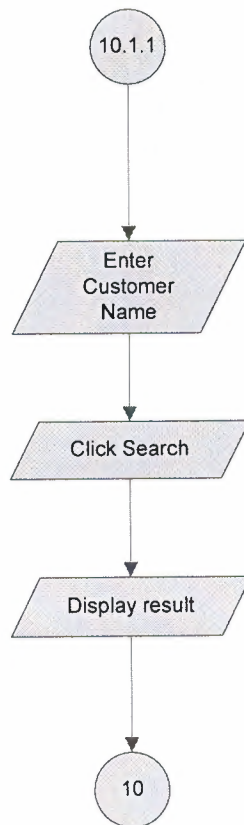


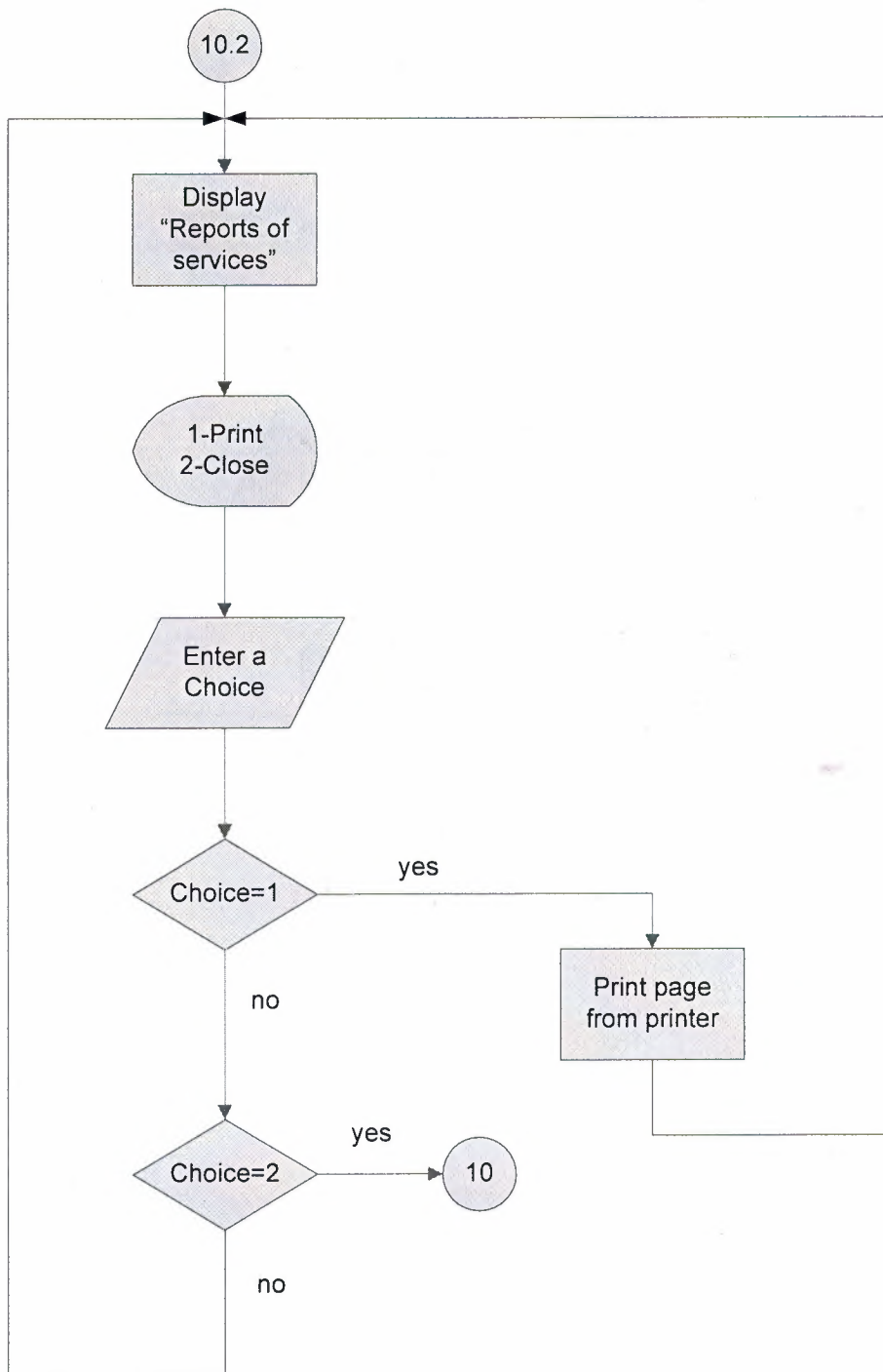


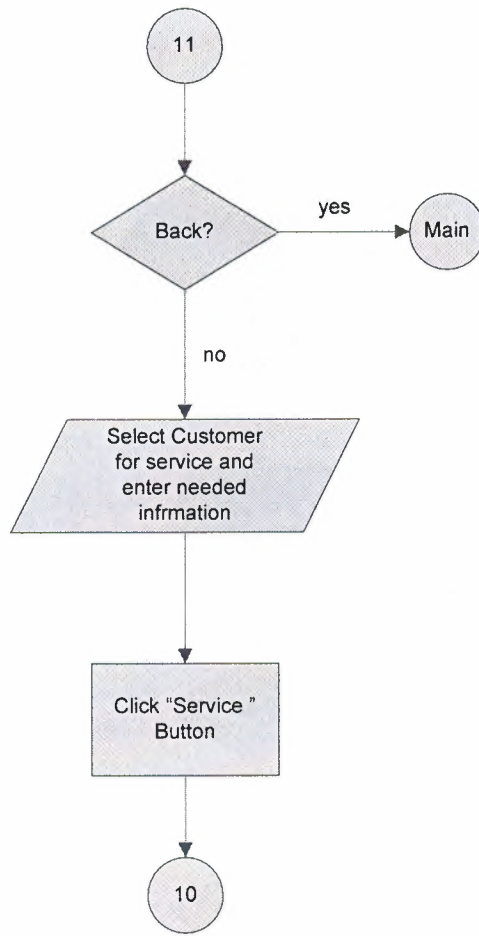


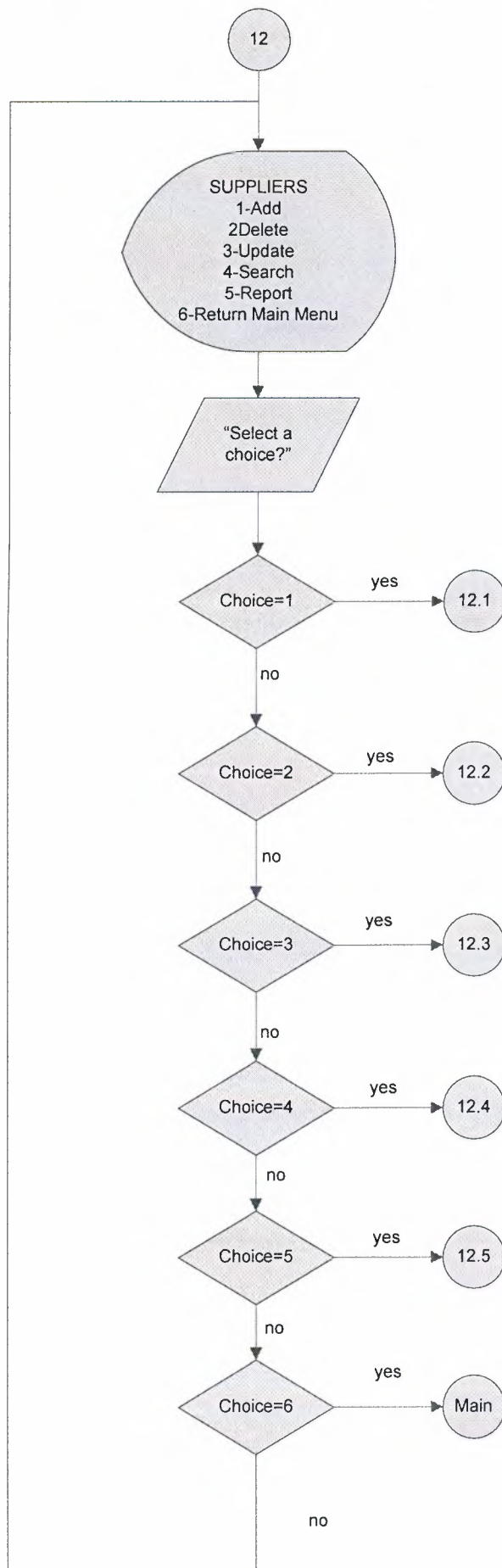




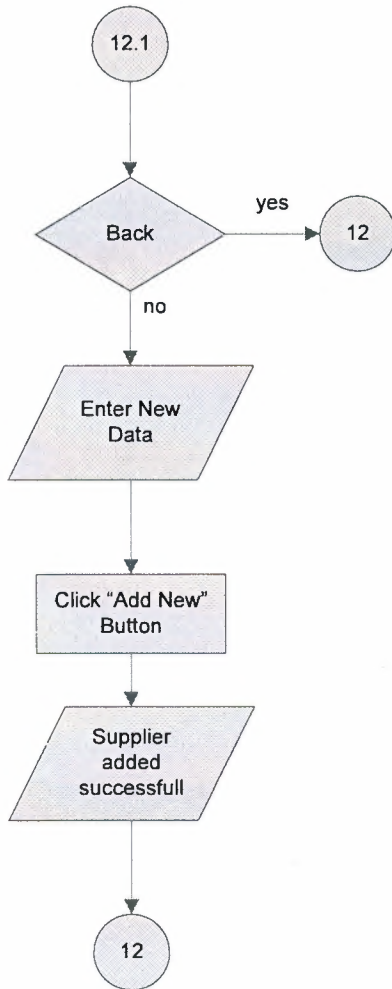


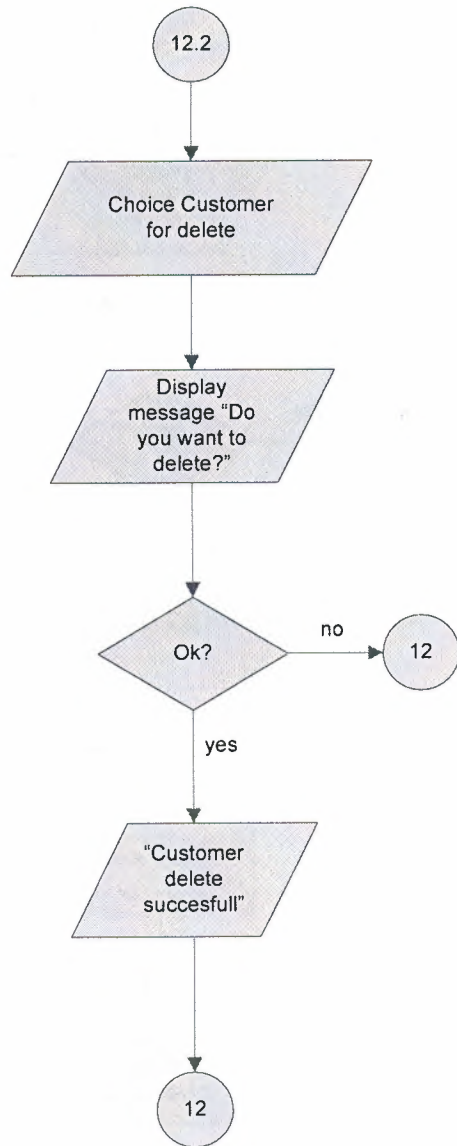


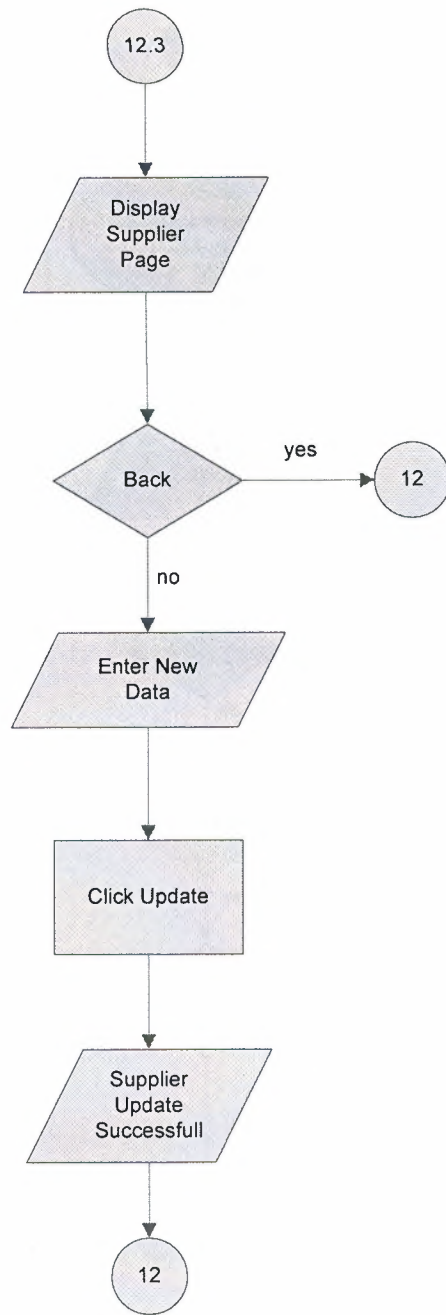


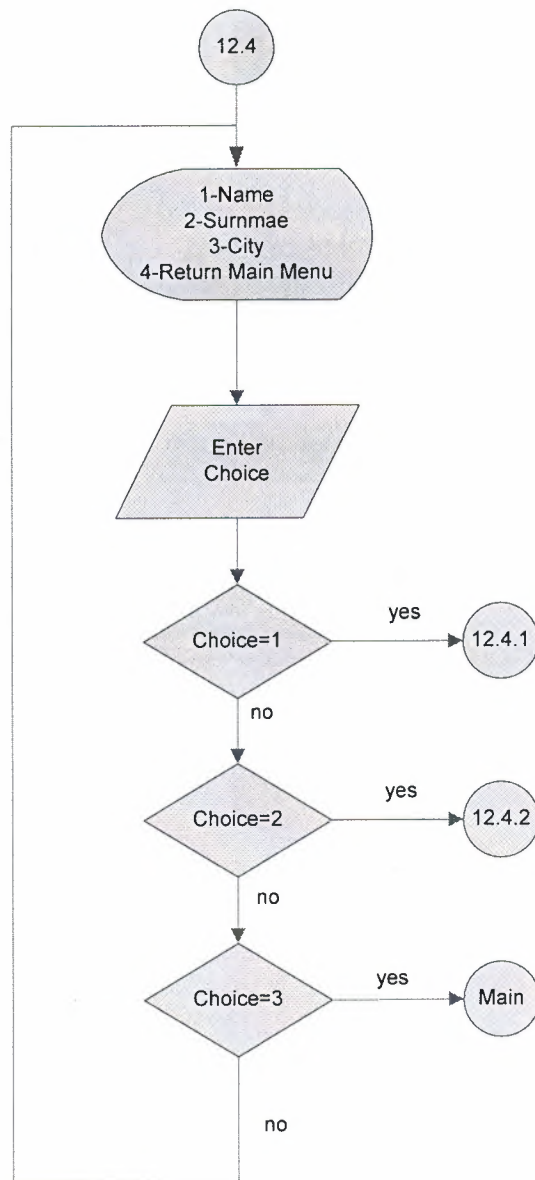


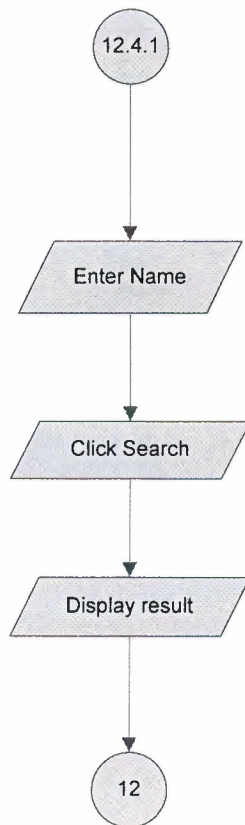
(*)SUPPLIER NAME
SUPPLIER ADDRESS
SUPPLIER PHONE
SUPPLIER E-MAIL
SUPPLIER FAX

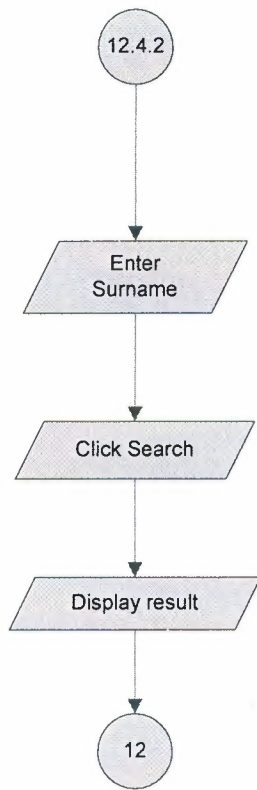


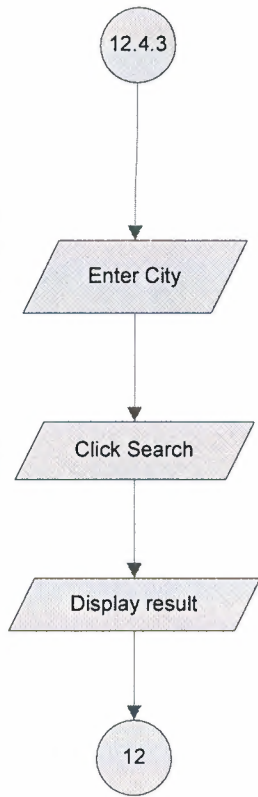


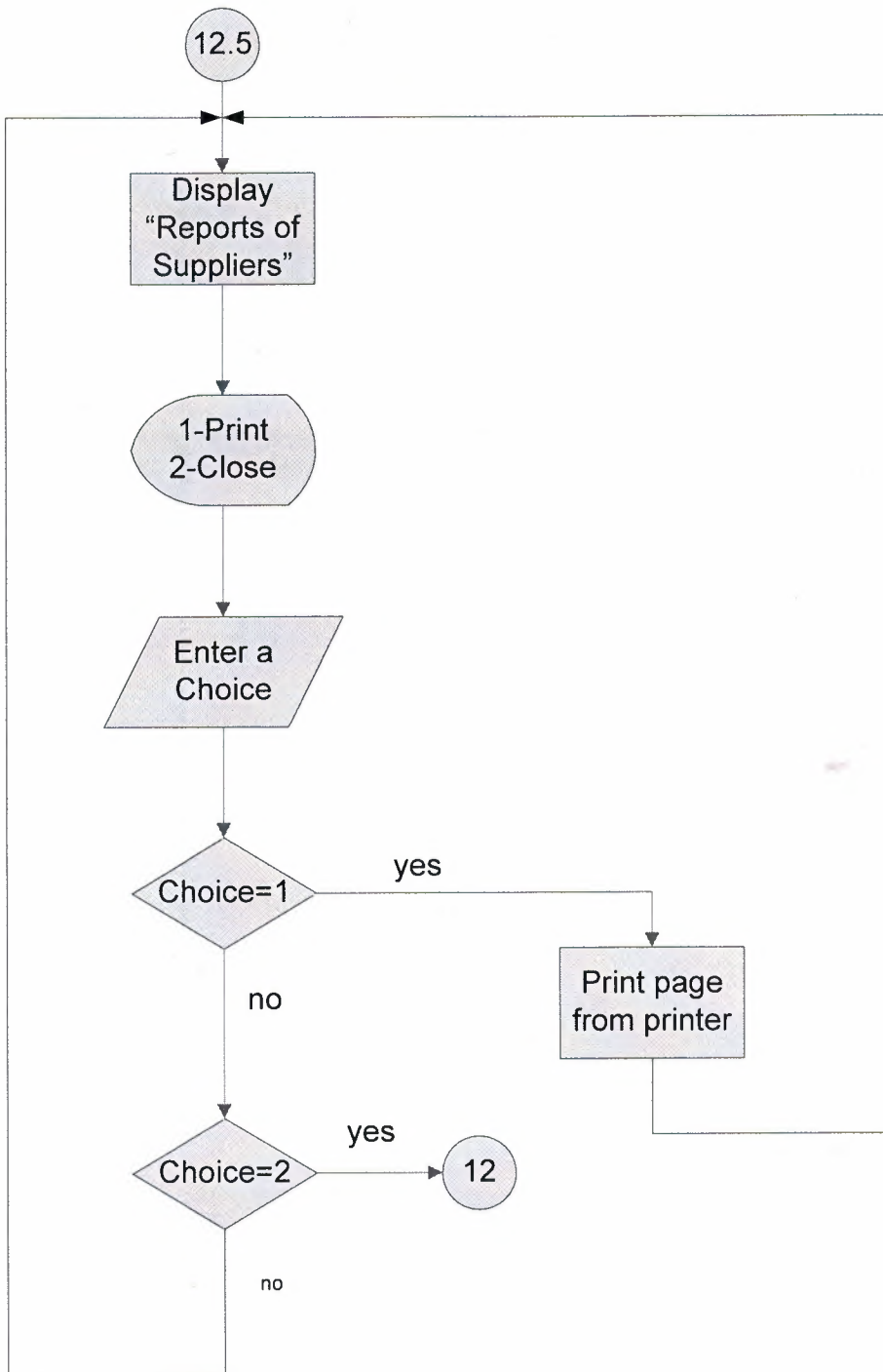


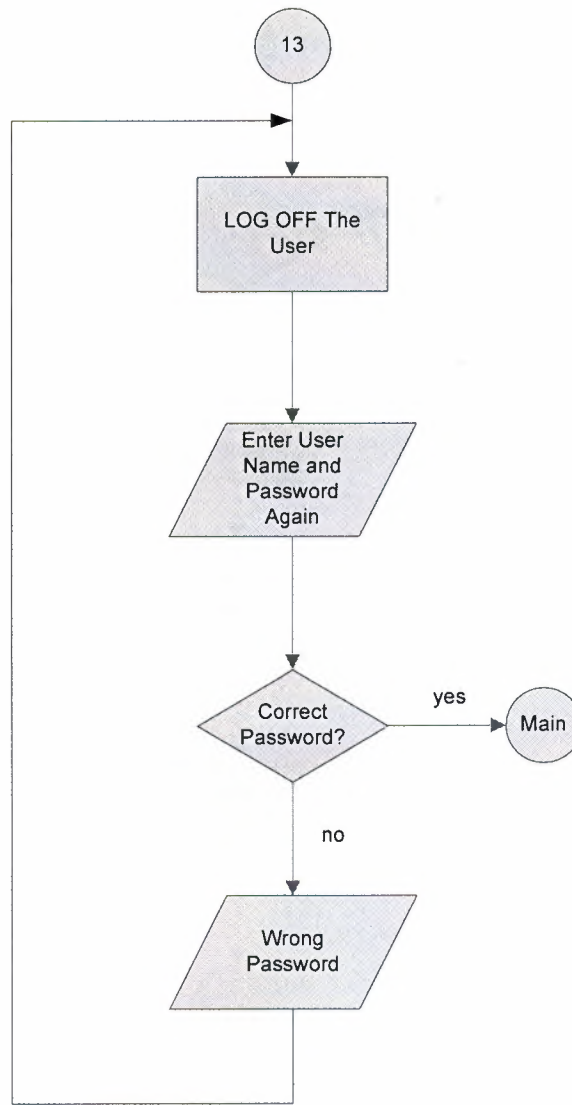


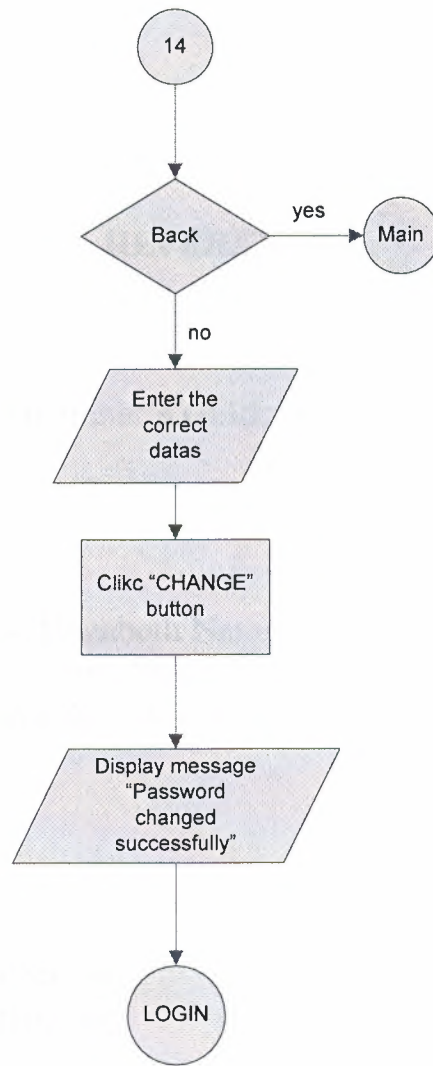












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Covers PHP 5.3

- 2) Timothy Boronczyk, Elizabeth Naramore, Jason Garner,
Yan Le Scouarnec, Jeremy Stolz, Micheal K. Glass
Beginning PHP6, Apache, MySQL Web Development
Internet

- 3) Internet :

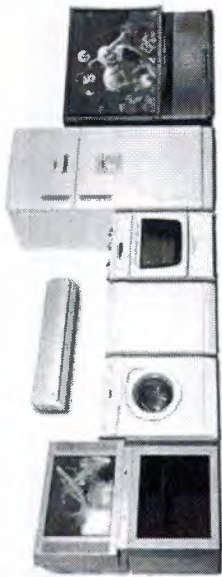
www.templatemonster.com
www.openwebdesign.com
www.apache.org

SCREEN OUTPUT

Username:
Password:

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Figure 1: Snapshot of the Login Page



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Figure 2: Snapshot of the Main Page

Searches name, surname and city

Name	Surname	Address	City	Phone	Email	Fax	Debt	Actions
Demet	cakir	Ortak?y	Nicosia	2245456	dc@hotmail.com	1355554	1500	delete update
Cem	Kalyoncu	Gonyeli	Nicosia	8573920	cem@ciciu.edu.tr	11111111	12190	delete update
Bahar	Ozdiag	NEU	Nicosia	98374851	boz@neu.edu.tr	97642655	9500	delete update
Amyl	Brown	G?nyeli	Nicosia	89768970	amy@neu.edu.tr	0988877	320.43	delete update
Ali	Veli	Kaymakil	Lefkosa	435222	ali@veli.com	123412341	0	delete update

[Add new](#) | [Report](#)

Copyright 2009

Figure 3: Snapshot of the Customer Page

Household Automation
Add Customer

Main | Customer | Brand | Product | Critical Amounts | Sale | Sales | Payment | Payments | Services | Service | Supplier | Logoff | Change password

Name:

Surname:

Address:

City:

Phone:

Email:

Fax:

Copyright 2009

Figure 4: Snapshot of the Add Customer Page

Searches name, surname and city

Customer added successfully.

Name	Surname	Address	City	Phone	Email	Fax	Debt	Actions
Demet	cakir	Ortak?y	Nicosia	2245456	dc@hotmail.com	1355554	1500	delete update
Cem	Kalyoncu	Gonyeli	Nicosia	8573920	cem@ci.u.edu.tr	11111111	12190	delete update
Bahar	Ozdag	NEU	Nicosia	98374851	boz@neu.edu.tr	97642655	9500	delete update
Annily	Brown	G?nyeli	Nicosia	89768970	amy@neu.edu.tr	0988877	320.43	delete update
Ali	Veli	Kaymakli	Lefkosa	435222	ali@veli.com	123412341	0	delete update
oya	ozda?	kermya	lefkosa	2289076	oya@hotmail.com	2287096	0	delete update

[Add new](#) | [Report](#)

Amily Search Searches name, surname and city

Name	Surname	Address	City	Phone	Email	Fax	Debt	Actions
Amily	Brown	G?nyeli	Nicosia	89768970	amy@neu.edu.tr	0988877	320.43	delete update

[Add new](#) | [Report](#)

Copyright 2009

Figure 5: Snapshot of the Search Customer Page

Name:	Demet
Surname:	çakir
Address:	Ortaköy
City:	Nicosia
Phone:	2245456
Email:	dc@hotmail.com
Fax:	1355554

Copyright 2009

Figure 6: Snapshot of the Update Page

Searches name, surname and city

Customer updated successful

Name	Surname	Address	City	Phone	Email	Fax	Debt	Actions
Demet	çakır	Ortaköy	Nicosia	2245456	dc@hotmail.com	1355554	1500	delete update
Cem	Kalyoncu	Gonyeli	Nicosia	8573920	cem@cu.edu.tr	11111111	12190	delete update
Bahar	Ozdog	NEU	Nicosia	98374851	boz@neu.edu.tr	97642655	9500	delete update
Amyly	Brown	G7nyeli	Nicosia	89768970	amy@neu.edu.tr	0988877	320.43	delete update
Ali	Veli	Kaymakli	Lefkosa	435222	ali@veli.com	123412341	0	delete update

[Add new](#) | [Report](#)

Searches name, surname and city

Customer added successfully.

Name	Surname	Address	City	Phone	Email	Fax	Debt	Actions
Demet	çakır	Ortakçı	Nicosia	2245456	dc@hotmail.com	1355554	1500	delete update
Cem	Kalyoncu	Gonyeli	Nicosia	8573920	cem@ctu.edu.tr	11111111	12190	delete update
Bahar	Ozdog	NEU	Nicosia	http://localhost:8080/jsp/43/		97642655	9500	delete update
Amily	Brown	Gnyveli	Nicosia			0988877	320.43	delete update
Alli	Veil	Kaymakli	Lefkosa			123412341	0	delete update
Oya	ozda?	kermiya	lefkosa			2287096	0	delete update

[Add new](#) | [Report](#)

? Do you want to delete this customer?

Figure 7: Snapshot of the Delete Customer Page

Searches name, surname and city

Search

Clear

Customer deleted successful

Name	Surname	Address	City	Phone	Email	Fax	Debt	Actions
Demet	cakir	Ortakzy	Nicosia	2245456	dc@hotmail.com	1355554	1500	delete update
Cem	Kalyoncu	Gonyeli	Nicosia	8573920	cem@ciu.edu.tr	11111111	12190	delete update
Bahar	Ozdog	NEU	Nicosia	96374851	boz@neu.edu.tr	97642655	9500	delete update
Amily	Brown	G2nyeli	Nicosia	89769970	amy@neu.edu.tr	0988877	320.43	delete update
All	Velli	Kaymakli	Lefkosa	435222	all@velli.com	123412341	0	delete update

Add new | Report

Report of Customers

Name	Surname	Phone	City	Sales	Paid	Debt
Demet	cakir	2245456	Nicosia	8	10908.28 TL	1500 TL
Cem	Kalyoncu	8573920	Nicosia	8	537.12 TL	12190 TL
Bahar	Ozdog	98374851	Nicosia	2	1625.12 TL	9500 TL
Amily	Brown	89768970	Nicosia	2	6500 TL	320.43 TL
Ali	Veil	435222	Leifkosa	0	0 TL	0 TL

[Print](#) | [Close](#)

Figure 8: Snapshot of the Report of Customers Page

Name	Description	Actions
Beiko	First Class	delete
Arcelik	Second Class	delete
Bosch	Fine	delete
Vestel	Good Enough	delete

[Add new](#)

Copyright: 2009

Figure 9: Snapshot of the Brand Page

Name:

Description:

Copyright 2009

Figure 10: Snapshot of the Add Brand Page

Brand added successfully.

Name	Description	Actions
Beka	First Class	delete
Arcelik	Second Class	delete
Bosch	Fine	delete
Vestel	Good Enough	delete
LG	best	delete

[Add new](#)

Brand added successfully.

Name	Description	Actions
Beko	First Class	delete
Arcelik	Second Class	delete
Bosch	Fine	delete
Vestel	Good Enough	delete
LG	best http://bealhbestisayfasi.diypr.ki	delete

[Add new](#)

?

Do you really want to delete this brand?

Figure 11: Snapshot of the Delete Brand Page

Brand deleted successfully.

Name	Description	Actions
Beko	First Class	delete
Arcelik	Second Class	delete
Bosch	Fine	delete
Vestel	Good Enough	delete

[Add new](#)

Searches name and brand

Search

Clear

Name	Barcode	Brand	Warranty	Color	Amount in Stock	Critical Amount	Price	VAT	Supplier	Description	Actions
Television	123rfr124	Vestel	5	Grey	18	0	600	50		good	delete update buy view image
Television	436pty89	Bosch	3	blue	33	0	43	6		good	delete update buy
Hower	1028498	Vestel	2	red	12	6	32	16	Ali Deniz	good	delete update buy
Receiver	8464731	Arcelik	2	black	20	12	98	16	Ali Deniz	w	delete update buy
Air Conditioner	65w456	Vestel	2	grey	0	6	455.6	16		hmm...	delete update buy view image
Air Conditioner	947292	Arcelik	2	white	0	3	129.5	16		ehhh	delete update buy view image
Air Conditioner	1122112	Beko	2	white	20	3	232.74	16	mehmet guclu	fine	delete update buy view image

Add new | Report

Figure 12: Snapshot of the Product Page

Household Automation
Add Product

Main | Customer | Brand | Product | Critical Amounts | Sale | Sales | Payment | Payments | Services | Service | Supplier | Logofif | Change password

Name:	Televizyon
Barcode:	234156
Brand:	<input checked="" type="checkbox"/> Arçelik
Warranty Duration:	2
Color:	blue
Critical Amount :	4
Price:	100
VAT:	16
Description:	good
Image:	<input type="text" value="Gözet..."/>
	<input type="button" value="Add New"/> <input type="button" value="Back"/>

Copyright 2009

Rt

Figure 13: Snapshot of the Add Product Page

Searches name and brand

Product added successfully.

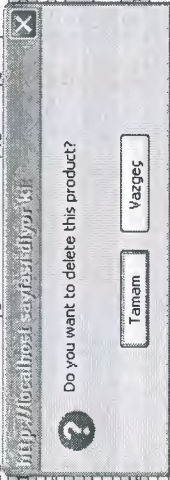
Name	Barcode	Brand	Warranty	Color	Amount in Stock	Critical Amount	Price	VAT	Supplier	Description	Actions
Television	123rff124	Vestel	5	Grey	18	0	600	50		good	delete update buy view image
Television	436pty89	Bosch	3	blue	33	0	43	6		good	delete update buy
Howser	1028498	Vestel	2	red	12	6	32	16	Ali Deniz	good	delete update buy
Receiver	8464731	Arcelik	2	black	20	12	98	16	Ali Deniz	w	delete update buy
Air Conditioner	65w456	Vestel	2	grey	0	6	455.6	16		hmm...	delete update buy view image
Air Conditioner	947292	Arcelik	2	white	0	3	129.5	16		ehhh	delete update buy view image
Air Conditioner	1122112	Beko	2	white	20	3	232.74	16	mehmet gürçü	fine	delete update buy view image
Televizyon	234156	Arcelik	2	blue	0	4	100	16		good	delete update buy

[Add new](#) | [Report](#)

Searches name and brand

Product added successfully.

Name	Barcode	Brand	Warranty	Color	Amount in Stock	Critical Amount	Price	VAI	Supplier	Description	Actions
Television	123456789	Vestel	5	Grey	18	0	600	50		good	delete update buy view image
Television	4367890	Bosch	3	blue	33	10	43	6		good	delete update buy
Howar	1028498	Vestel	2	red	1				leniz	good	delete update buy
Recler	8464731	Arcelik	2	black	2				leniz	w	delete update buy
Air Conditioner	65w456	Vestel	2	grey	0					hmm...	delete update buy view image
Air Conditioner	947292	Arcelik	2	white	0					ehhh	delete update buy view image
Air Conditioner	1122112	Beko	2	white	2					fine	delete update buy view image
Televizyon	234156	Arcelik	2	blue	0				met gücü	good	delete update buy

 Do you want to delete this product?

[Add new](#) | [Report](#)

Figure 14: Snapshot of the Delete Product Page

Searches name and brand

Product deleted successfully

Name	Barcode	Brand	Warranty	Color	Amount in Stock	Critical Amount	Price	VAT	Supplier	Description	Actions
Television	123rff124	Vestel	5	Grey	18	0	600	50		good	delete update buy view image
Television	436pty89	Bosch	3	blue	33	0	43	6		good	delete update buy
Howar	1028498	Vestel	2	red	12	6	32	16	All Deniz	good	delete update buy
Recliver	8464731	Arcelik	2	black	20	12	98	16	All Deniz	w	delete update buy
Air Conditioner	65w456	Vestel	2	grey	0	6	455.6	16		hmm...	delete update buy view image
Air Conditioner	947292	Arcelik	2	white	0	3	129.5	16		ehrh	delete update buy view image
Air Conditioner	1122112	Beko	2	white	20	3	232.74	16	mehmet guclu	fine	delete update buy view image

Add new | Report

Name:	Television
Barcode:	123124
Brand:	Vestel
Warranty Duration:	5
Color:	Grey
Critical Amount :	0
Price:	600
VAT:	50
Description:	good
Image:	<input type="text" value="Gözet"/>

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Figure 15: Snapshot of the Update Product Page

Searches name and brand

Product updated successful

Name	Barcode	Brand	Warranty	Color	Amount in Stock	Critical Amount	Price	VAT	Supplier	Description	Actions
Television	123124	Vestel	5	Grey	18	0	600	50		good	delete update buy view image
Television	436pty89	Bosch	3	blue	35	0	43	6		good	delete update buy
Howler	1028498	Vestel	2	red	12	6	32	16	Ali Deniz	good	delete update buy
Recliver	8464731	Arcelik	2	black	20	12	98	16	Ali Deniz	w	delete update buy
Air Conditioner	65w456	Vestel	2	grey	0	6	455.6	16		hmm...	delete update buy view image
Air Conditioner	947292	Arcelik	2	white	0	3	129.5	16		ehhh	delete update buy view image
Air Conditioner	1122112	Beko	2	white	0	3	232.74	16		fine	delete update buy view image

[Add new](#) | [Report](#)

vestel searches name and brand

Name	Barcode	Brand	Warranty	Color	Amount in Stock	Critical Amount	Price	VAT	Supplier	Description	Actions
Television	123rffr124	Vestel	5	Grey	18	0	600	50		good	delete update buy view image
Howser	1028498	Vestel	2	red	12	6	32	16	All Deniz	good	delete update buy
Air Conditioner	65w456	Vestel	2	grey	0	6	455.6	16		hmm...	delete update buy view image

[Add new](#) | [Report](#)

Figure 16: Snapshot of the Search Product Page

Household Automation
Add Product

Master | Customer | Brand | Product | Critical Amounts | Sale | Sales | Payment | Payments | Services | Supplier | Logout | Change Password

Name: Television
Brand: Vestal
Supplier: Ali Deniz
Amount: 10

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Figure 17: Snapshot of the Buy Product Page

Report of Products

Name	Brand	Color	Supplier	Amount	Price	Sold
Television	Vestel	Grey		18	600 TL	8
Television	Bosch	blue		35	43 TL	4
Howler	Vestel	red	Ali Deniz	12	32 TL	6
Recliver	Arcelik	black	Ali Deniz	20	98 TL	2
Air Conditioner	Vestel	grey		0	455.6 TL	0
Air Conditioner	Arcelik	white		0	129.5 TL	0
Air Conditioner	Beko	white		0	232.74 TL	0

Print | Close

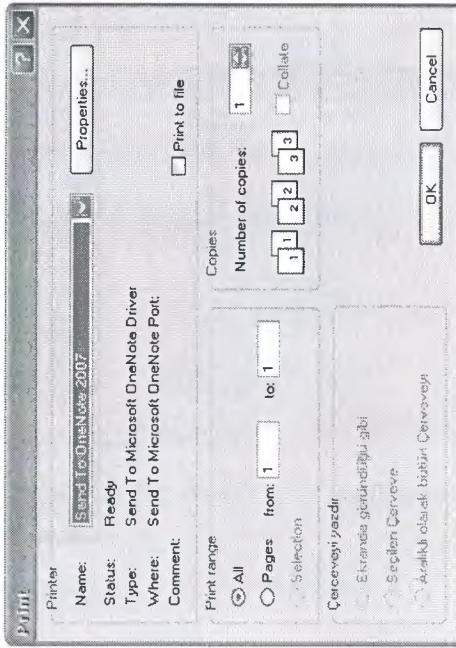


Figure 18: Snapshot of the Report of product Page

Critical Products

Name	Brand	Color	Amount
Air Conditioner	Vestel	grey	0
Air Conditioner	Arcelik	white	0
Air Conditioner	Beko	white	0

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Figure 19: Snapshot of the Critical Amount Page

Household Automation
Sell Product

Main | Customer | Brand | Product | Critical Amounts | Sale | Sales | Payment | Payments | Services | Service | Supplier | Logoff | Change password

Customer: Amily Brown
Product: Arcelik/Rechiever/black
Description: w
Amount: 1
Price: 98 TL
VAT: 15.68 TL
Discount: 10
Total Payment: 103.68 TL
Payment: Cash

Sell Back

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Figure 20: Snapshot of the Sell Product Page

Household Automation
Sales

Main | Customer | Brand | Product | Critical Amounts | Sale | Sales | Payment | Payments | Services | Supplier | Logoff | Change password

Searches customer and product

Search

Clear

Customer	Product	Sold Date	Total Price	Total Vat	Discount	Grand Total
Cem Celik	Bosch / Television / blue	17/12/2009	43 TL	2.58 TL	0 TL	45.58 TL
Cem celik	Bosch / Television / blue	17/12/2009	43 TL	30.96 TL	-473 TL	546.96 TL
Demet cakir	Vestel / Television / Grey	19/12/2009	600 TL	1200 TL	-1200 TL	3000 TL
Cem celik	Arcelik / Reciever / black	19/12/2009	98 TL	15.68 TL	0 TL	113.68 TL
Cem celik	Vestel / Hower / red	19/12/2009	32 TL	15.36 TL	-64 TL	111.36 TL
Cem celik	Bosch / Television / blue	19/12/2009	43 TL	2.58 TL	0 TL	45.58 TL
Cem celik	Vestel / Television / Grey	19/12/2009	600 TL	1800 TL	-3000 TL	5400 TL
Cem celik	Vestel / Hower / red	19/12/2009	32 TL	5.12 TL	0 TL	37.12 TL
Bahar Ozdag	Vestel / Television / Grey	19/12/2009	600 TL	600 TL	-400 TL	1600 TL
Bahar Ozdag	Vestel / Hower / red	19/12/2009	32 TL	5.12 TL	12 TL	25.12 TL
Amily Brown	Vestel / Television / Grey	19/12/2009	600 TL	1500 TL	-2100 TL	4200 TL
Demet cakir	Vestel / Hower / red	19/12/2009	32 TL	5.12 TL	10 TL	27.12 TL
Amily Brown	Vestel / Television / Grey	19/12/2009	1800 TL	900 TL	400 TL	2300 TL
Demet cakir	Vestel / Hower / red	19/12/2009	32 TL	5.12 TL	10 TL	27.12 TL
Demet cakir	Arcelik / Reciever / black	19/12/2009	98 TL	15.68 TL	0 TL	113.68 TL
Demet cakir	Vestel / Television / Grey	19/12/2009	7200 TL	3600 TL	10 TL	10790 TL
Demet cakir	Vestel / Hower / red	26/12/2009	32 TL	5.12 TL	10 TL	27.12 TL
Demet cakir	Bosch / Television / blue	26/12/2009	86 TL	5.16 TL	0 TL	91.16 TL
Demet cakir	Vestel / Television / Grey	26/12/2009	1800 TL	900 TL	10 TL	2690 TL
Demet cakir	Vestel / Television / Grey	04/01/2010	7200 TL	3600 TL	800 TL	10000 TL
Demet cakir	Bosch / Television / blue	19/01/2010	86 TL	5.16 TL	11 TL	60.16 TL

Report

3/2/11

Figure 21: Snapshot of the Sales Page

Household Automation
Sales

Main | Customer | Brand | Product | Critical Amounts | Sale | Sales | Payment | Payments | Services | Supplier | Logoff | Change password

Amily Searches customer and product

Customer	Product	Sold Date	Total Price	Total Vat	Discount	Grand Total
Amily Brown	Vestel / Television / Grey	19/12/2009	600 TL	1500 TL	-2100 TL	4200 TL
Amily Brown	Vestel / Television / Grey	19/12/2009	1800 TL	900 TL	400 TL	2300 TL

REPORT

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Figure 22: Snapshot of the Search Sales Page

Household Automation
Home Page

Main | Customer | Brand | Product | Critical Amounts | Sale | Sales | Payment | Payments | Services | Service | Supplier | Logoff | Change password

Date Start:

Date End:

Brand: 

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Figure 23: Snapshot of the Report Sales Page

Household Automation
Payment

Main | Customer | Brand | Product | Critical Amounts | Sale | Sales | Payment | Payments | Services | Service | Supplier | Logoff | Change password

Customer:
Total Debt : 9500 TL
Payment Amount:
Payment:
Description:

Copyright 2009

Figure 24: Snapshot of the Payment Page

Household Automation
Payments

Main | Customer | Brand | Product | Critical Amounts | Sale | Sales | Payment | Payments | Services | Service | Supplier | Logout | Change password

Searches customer

Customer	Payment Date	Type	Amount	Description
Cem celik	19/12/2009	credit card	37.12 TL	Paid during sale
Bahar Ozdag	10/11/2009	cash	1600 TL	Paid during sale
Bahar Ozdag	09/12/2009	cash	25.12 TL	Paid during sale
Amily Brown	30/12/2009	cash	4200 TL	Paid during sale
Demet cakir	19/12/2009	cash	27.12 TL	Paid during sale
Amily Brown	19/12/2009	cash	2300 TL	Paid during sale
Demet cakir	19/12/2009	cash	790 TL	Paid during sale
Cem celik	19/12/2009	credit card	500 TL	difkqj
Demet cakir	26/12/2009	cash	91.16 TL	Paid during sale
Demet cakir	04/01/2010	cash	10000 TL	Paid during sale
Demet cakir	19/01/2010	cash	80.16 TL	Paid during sale
Bahar Ozdag	20/01/2010	cash	6000 TL	cash

Report

Copyright 2009

Figure 24: Snapshot of the Payments Page

Household Automation
Payments

Main | Customer | Brand | Product | Critical Amounts | Sale | Sales | Payment | Payments | Services | Supplier | Logoff | Change password

cem Search Clear Searches customer

Customer	Payment Date	Type	Amount	Description
Cem çelik	19/12/2009	credit card	97.12 TL	Paid during sale
Cem çelik	19/12/2009	credit card	500 TL	dlfksg

Report

Copyright 2009

Figure 25: Snapshot of the Search Payment Page

Date Start:

Date End:

Figure 26: Snapshot of the Report of Payments Page

Report of Payments

Customer	Payment Date	Type	Amount	Description
Demet cakir	19/01/2010	cash	80	Paid during sale
Bahar Ozdag	20/01/2010	cash	6000	cash

[Print](#) | [Close](#)

BKTI

Household Automation
Services

Main | Customer | Brand | Product | Critical Amounts | Sale | Sales | Payment | Payments | Services | Service | Supplier | Logoff | Change password

Customer: Amily Brown
Product: 19/12/2009 / Vestel / Telev
Problem: volume control
Warranty:

Copyright 2009

Figure 27: Snapshot of the Service Page

Household Automation
Service

Main | Customer | Brand | Product | Critical Amounts | Sale | Sales | Payment | Payments | Services | Service | Supplier | Logoff | Change password

Searches customer

Customer	Product	Problem	Service Date	Warranty
Demet cakir	Vestel / Hower / red	sdta dlsdta sdta	22/01/2010	YES

[Report](#)

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Figure 28: Snapshot of the Services Page

Demet Searches customer

Customer Demet cakil	Product Vestel / Hower / rad	Problem sdfg dfsdfg sdfg	Service Date 22/01/2010	Warranty YES
--------------------------------	----------------------------------------	------------------------------------	-----------------------------------	------------------------

Report

Copyright 2009

itel

Figure 29: Snapshot of the Search Services Page

Household Automation
Home Page

Main | Customer | Brand | Product | Critical Amounts | Sale | Sales | Payment | Payments | Services | Supplier | Logoff | Change password

Date Start:
Date End:
Brand:

Copyright 2009

Figure 30: Snapshot of the Report of services Page

Report of Services

Customer	Product	Problem	Service Date	Warranty
Demet cakir	Vestel / Hower / red	sdfg dfgsdg sdfg	22/01/2010	YES
Amily Brown	Vestel / Television / Grey	k?uolij	23/01/2010	YES

Print | Close

Print [?] [X]

Printer: OneNote 2007'ye Gönder...

Name: Ready
Status: Ready
Type: Send To Microsoft OneNote Driver
Where: Send To Microsoft OneNote Port
Comment: Print to file

Properties...

Print range:
 All
 Pages from 1 to 1
 Selection

Copies:
Number of copies: 1
 Collate

Çerçeveyi yazdır
 Ekranla görünümünü gibi
 Seçilen Çerçeve
 Farklı olarak bulun Çerçeveyi

OK Cancel

Searches name, surname and city

Name	Surname	Address	City	Phone	Email	Fax	Actions
Ali	Deniz	Yenisehir	Leikosa	98799238	adh@hotmail.com	9789767	delete update
mehmet	güçlü	kaymakli	lefkosa	2267548	meh@hotmail.com	2267500	delete update

[Add new](#) | [Report](#)

Figure 31: Snapshot of the Supplier Page

Household Automation
Add Supplier

Main | Customer | Brand | Product | Critical Amounts | Sale | Sales | Payment | Payments | Services | Supplier | Logoff | Change password

Name:	Ali
Surname:	Zorlu
Address:	Mağusa
City:	Karakol
Phone:	3678976
Email:	zorlu@gmail.com
Fax:	3698213

Copyright 2009

itbi

Figure 32: Snapshot of the Add Supplier Page

Searches name, surname and city

Supplier added successfully.

Name	Surname	Address	City	Phone	Email	Fax	Actions
Ali	Deniz	Yenisehir	Leikosa	98799238	adr@hotmail.com	9789767	delete update
mehmet	güçlü	kaymakli	leikosa	2267548	meh@hotmail.com	2267500	delete update
Ali	Zorlu	Ma?usa	Karakol	3578976	zorlu@gmail.com	3698213	delete update

[Add new](#) | [Report](#)

Searches name, surname and city

Supplier deleted successful

Name	Surname	Address	City	Phone	Email	Fax	Actions
Ali	Deniz	Yenişehir	Lefkosa	98799238	adr@hotmail.com	9789767	delete update
mehmet	güçlü	kaymaklı	lefkosa	2267548	meh@hotmail.com	2267500	delete update

[Add new](#) | [Report](#)

Name:
Surname:
Address:
City:
Phone:
Email:
Fax:

Copyright 2009

Figure 34: Snapshot of the Update Supplier Page

Searches name, surname and city

Supplier updated successful

Name	Surname	Address	City	Phone	Email	Fax	Actions
Ali	Deniz	Yenisehir	Lefkosa	98799238	adn@hotmail.com	9789767	delete update
mehmet	guclu	kaymakli	lefkosa	2267548	meh@hotmail.com	2267500	delete update
Ali	Zorlu	Magusa	Karakol	3678976	zorlu@gmail.com	3698213	delete update

[Add new](#) | [Report](#)

Household Automation
Supplier

[Main](#) | [Customer](#) | [Brand](#) | [Product](#) | [Critical Amounts](#) | [Sale](#) | [Sales](#) | [Payment](#) | [Payments](#) | [Services](#) | [Service](#) | [Supplier](#) | [Logoff](#) | [Change password](#)

Searches name, surname and city

Name	Surname	Address	City	Phone	Email	Fax	Actions
Ali	Deniz	Yenisehir	Lefkosa	98799238	adh@hotmail.com	9789767	delete update

[Add new](#) | [Report](#)

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Figure 35: Snapshot of the Search Supplier Page

Report of Suppliers

Name	Surname	Phone	City	Email	Product Supplied
Ali	Deniz	98799238	adn@hotmail.com	Lefkosa	2
mehmet	güçlü	2267548	meh@hotmail.com	lefkosa	1

Print | Close

Figure 36: Snapshot of the Report of Supplier Page

Household Automation
Home Page

Username:

Password:

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Figure 37: Snapshot of the Log Off Page

Household Automation
Change Password

Main | Customer | Brand | Product | Critical Amounts | Sale | Sales | Payment | Payments | Services | Supplier | Logoff | Change password

Old password :

New password :

Repeat new password :

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Figure 38: Snapshot of the Change Password Page