



NEAR EAST UNIVERSITY

Faculty of Engineering

Department of Computer Engineering

E-COMMERCE COSMETIC PRODUCT

**Graduation Project
Com – 400**

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ABSTRACT

The repaid increase of computer's influence in our daily life.Computer takes a important place for the people. The user can use the service from an internet café, from a mobile phone, or any place and device having an internet connection.

This project is a complete e-commerce cosmetic program for internet,I decided to write on e-commerce cosmetic program,running on a server and which users can use from antwhere in the world.The user only needs a browser and an internet connection.

I made this Project on Active Server Pages(ASP) with VBScript of the programming language.

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Introduction

Now a day's the computer science both hardware and software is being developed over the previous years, programming is always providing the sciences by a systematic development. In my Project we did construct special programmed related to ecommerce cosmetic program for the Internet.

I made to write on online ecommerce cosmetic product program, running on a server and which users can use from anywhere in the world. The user only needs a browser and an internet connection. And ecommerce cosmetic product is still under construction and these systems drawing attention, and most popular systems over internet now. This kind of systems helps and earns to much time to members the member who are working full-time on their company or own business.

For the implementation of the project, I used a Windows-based operation system, Windows XP; and Internet Information Server (IIS 5.5). The programming language I used was Active Server Pages (ASP) with VBScript®. As tools for implementation and debugging I used Notepad, Ultra Edit and Microsoft FrontPage.

1.e-Commerce

1.1. What is e-Commerce?

E-commerce is the buying and selling of goods and services across the Internet. An e-commerce site can be as simple as catalog page with a phone number, or it can range all the way to a real-time .Credit card processing site where customers can purchase downloadable goods and receive them on the spot. Electronic e-commerce merchants can range from the small business with a few items for sale all the way to a large on-line retailer such as amazon.com.

1.2. e-Commerce Security Overview

The delivery of goods purchased over the internet holds great opportunities for Posts. Some administrations have set up Internet portals that allow access to a number of electronic merchants and provide delivery and payment options. These services may be delivered and managed by in-house resources or through contractual relationships.

These new and faster communications tools have also urged Posts to respond to customer needs for greater security in eCommerce. This offers them opportunities to provide new value-added services based on the trust customers have in the post office. A number of Posts have already established trusted intermediary services and act as certification authorities that guarantee the authenticity of electronic messages for both senders and receivers

1.3. e-Commerce Opportunities

e-Commerce is driving the new economy and the Internet is its primary facilitator. The Internet is a communications network that has revolutionized the way people access, share and use information.

The amount of information and the speed at which it can be exchanged have increased dramatically. Rapid and robust information flow saves time and money. It transforms organizations because it eliminates paper-based functions, lowers transaction costs, flattens organizational layers and integrates global operations

1.4. The benefits of eCommerce are

- The Internet is ubiquitous, accessible and low-cost.
- e-Commerce can be accessed through diverse forms of technology (computers, PDA's, mobile phones, digital TV, kiosks).
- The time to market is shortened.
- Existing card payment schemes can be adapted
- Significant opportunities for rationalizing operations and downsizing
- No geographical constraints
- Middlemen can be eliminated from the supply chain
- Stockholdings can be minimized or eliminated through just-in-time manufacturing processes
- Transaction costs can be substantially reduced by eliminating physical points of sale and minimizing the administration overheads of paper-based processes
- Opportunities may exist for rationalizing operations and downsizing

1.5. e-Commerce Business Models

e-Commerce business models integrate the Internet, digital communications and IT applications that enable the process of buying and selling.

Web-based business to consumer face of eCommerce has succeeded in attracting most of the attention of the business press.

Electronic business is normally defined as:

- B2B (business to business);
- B2C (business to consumer);
- C2C (consumer to consumer);

Electronic Commerce forms the business related information and communication activities that can occur B2B or B2C or C2C which do not directly involve buying or selling. For instance the advertising of products or services, electronic shopping, and direct after sales support.

Web Commerce conducted over the world wide web reflects the fact that there is still a great deal of electronic commerce that is conducted through proprietary EDI channels and value added Networks.

Electronic Data Interchange(EDI) precedes modern day electronic commerce by two decades.EDI comprises Standard formats for a variety of business commercial transactions such as orders,invoices,shipping documents and the like.

1.5.1. Why do businesses love e-commerce?

There are seven major advantages that explain why businesses enjoy the benefits of E-commerce:

1.Elimination of Errors:

Since electronic selling involves no human intervention during the transaction, it virtually eliminates the processing errors caused by humans. This in turn makes online selling cheaper, more convenient and faster. In addition, the level of customer satisfaction increases, resulting in further income for the business.

2. Global Reach:

E-commerce enables businesses to carry out transactions across international territory. Instead of deriving business from one country alone, they can now sell their products and services in other countries, thus bringing in new revenue streams. One should not underestimate the power of the global market. Missing out on it means losing a big piece of the revenue pie!

3. No Physical Space Limitations:

In a brick and mortar store, the number of items one may stock is restricted to the space available on the shelves. However, with an E-commerce store, there are no space limitations, since you can list all items on the website.

4. Cheaper Processing:

Electronic purchase orders are cheaper than paper purchase orders. The costs alone make the

move to E-commerce worthwhile. Moreover, processing does not have to be done manually. This not only eliminates cost but also promotes greater efficiency. About Online5. Greater

5. Convenience:

Selling from a website is not confined to business hours. It is continuous, 24 hours a day and 365 days a year. It does not require "over-time" workers. There is a reduced head count per transaction.

6. Speed:

Performing traditional selling to the client takes longer to complete and receive sales revenue than selling via E-commerce. In the case of the latter, money is automatically debited from the buyer's credit card. The purchaser must pay before receiving anything. Your company also receives the money into your accounts instantly, once the transaction is complete.

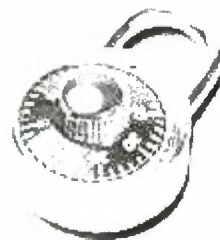
7. Physical Security:

With a website, there are no physical securities such as robberies and hold-ups. Since no face-to-face communication is necessary, all workers are protected from the violent behavior of robbers

2.Security

2.1. SecurityGuidelines

The information you provide to a web site covered by this policy is protected in transit by using a network protocol called Secure Sockets Layer (SSL). Orders are processed only from secure browsers. These browsers encrypt the information they send using SSL, which scrambles the data to make it extremely difficult for anyone who intercepts the information to read it. The entire ordering process, including transmission of customer information, addresses, purchase selections and credit card information is protected in transit over the Internet by SSL technology. Stanford has contracted with an internet commerce transaction services vendor with the goal of trying to protect your personal and financial information. Transmissions from this vendor to credit card processors also are encrypted and sent via dedicated leased private circuits. In addition, the computers housing the data are protected by physical security measures, including more than one level of locked access.



2.1.1. Guiding Principles

Information is:

- A critical asset that must be protected
- Restricted to authorized personel for authorized use

Information is:

- A cornerstone of maintaining public trust
- A business issue,not a technology issue.
- Risk-based and cost-effective.
- Aligned with organizational priorities,industry prudent practices,and government requirements
- Directed by policy but implemented by business owners
- Everyone's business

2.2. e-Commerce Security Solutions

This section describes how security solutions can be used to address the issues described in the section on Security Risk and Threats, many of which may be holding organizations back from participating in eCommerce. Careful implementation of these solutions will enable businesses to exploit the benefits of trading electronically while minimizing the security risks.

2.3. Security Risks and Threats Overview

Once the decision to engage in eCommerce has been made, organizations are compelled to address a range of diverse factors, including:

- The adoption of radically new business models.
- The need to implement rapidly evolving technology that is not always reliable or predictable.
- How to identify and measure risks and business impacts.
- The potential for widespread and immediate visibility-to the public, trading partners and competitors-of any problems with eCommerce systems, such as system performance problem or corrupted data.
- The impact of service components which are entirely outside an organization's control-namely the Internet and customers' PCs with web browsers.
- Access to the organization's IT systems by customers-essentially unknown third parties-from arbitrary locations.
- Compliance with legal and regulatory requirements.
- The need to address consumers' fears about the privacy of their personal information, in particular credit card details

2.4. What do consumers look for?

Research has found that consumers search for these three things, when buying online:

1. Detailed information about the product itself
2. Price comparisons
3. Detailed information about the vendor.

With Infinology E-commerce plans, we are able to provide your business with the right E-commerce solution.

Unlike our competitors, we will go all the way to ensure that your individual consulting requirements are met. We will deliver the plans and solutions that are right for your business. Your success is our objective. We have helped hundreds of businesses start up and no online firm has ever helped every single one of their E-commerce stores to succeed in a similar way.

2.5. About Online Payment Processing

When a customer purchases an item with a credit card, a two step process begins.

1. The merchant or the website requests an authorization from the customer's credit card account to ensure that the card is valid and the customer has enough available balance for the purchase. The customer's bank sends an authorization number back to the merchant or the website and the order is "captured".
2. The merchandise is sent, and the merchant informs the bank where they have a merchant account. The bank deposits funds to the merchant's account while the customer's account is debited for the amount of the purchase. At that time, the customers' bank takes out the required fees and the transaction is complete.

Credit cards are an important part of enabling Internet commerce. The easiest process to integrate into an existing business is an off-line authorization and settlement process. For more advanced web merchants who are processing more than 100 transactions per month, real time credit card authorization becomes economical. With a link to a Processing Service Provider such as Cybercash or AuthorizeNet, the website generates an authorization request when the customer places the order. .

3.Active Server Pages

3.1.What is Active Server Pages?

Microsoft® Active Server Pages (ASP) is a *server-side scripting* environment that you can use to create and run dynamic, interactive, high-performance Web server applications. When your scripts run on the server rather than on the client, your Web server does all the work involved in generating the Hypertext Markup Language (HTML) pages that you send to browsers. You need not worry whether a browser can process your pages: your Web server does all the processing for it.

You need only a working knowledge of HTML to begin using ASP. Take a look at A Brief History of Hypertext to better understand ASP's place in the evolution of the Web, as well as the powerful set of features ASP provides.

Active Server Pages (ASP) technology is language-independent. Two of the most common scripting languages are supported right out of the box: VBScript® and JScript™. Support for other scripting languages, such as Pearl, is available. Whatever scripting language one uses, one can simply enclose script statements in special delimiters for ASP. The starting delimiter is `<%` and the closing delimiter is `%>`.

Active Server Pages is a feature of and can be used with the following Web servers:

- Microsoft Internet Information Server version 3.0 on Windows NT Server
- Microsoft Peer Web Services Version 3.0 on Windows NT Workstation
- Microsoft Personal Web Server on Windows 95

3.1.1. What can I do with ASP?

Fortunately you are not limited to dynamically generating and presenting date and time information in the client browser or performing computations. You can also access COM components to extend the functionality of your Web site. With ASP you can use client-side scripts as well as server-side scripts. Maybe you want to validate user input or access a database. ASP provides solutions for transaction processing and managing session state.

While ASP should not be used for implementing business logic, you can easily and quickly create simple Web applications.

3.1.2. How does ASP work

In traditional web servers, the client will request an HTML document via the IIS server. The server will then read the HTML from the hard disk and return the HTML content to the client over the Internet.

When the client requests an ASP document, the server passes the request on to the ASP component which in turn loads the ASP script from the hard disk. Before the file is passed on to the client, the ASP component parses the ASP script and executes the script. ASP scripts usually contain a mix of standard HTML and scripting and as such only the scripting parts are executed. Once the script is completed (and the resultant HTML incorporated into the original source) the HTML output is passed on to the client.

Where the ASP script includes references to a data source (i.e. via SQL), the ASP component will create a connection to the appropriate data source via ODBC. The data is then passed on and utilised within the ASP component.

ASP combines HTML and ActiveX script to produce dynamic HTML. As you can see, ASP scripting is different from browser-based scripting. With traditional browser-based scripting, the Web server sends an HTML page containing the ActiveX script to the client's browser, which is responsible for executing the script. Client-based scripting places an increased burden on the client and can cause problems if a browser client can't execute a script. An ASP page, conversely, executes on the IIS Web server. While executing the page, the server directly passes the client any HTML or client scripts the ASP page contains. When the server encounters an ASP server script, it executes the script and sends to the client any output the script generates, in HTML form. The browser-based client sees no difference between the HTML stream that an ASP script creates and the HTML stream that a static Web page sends. Thus, ASP's server-side scripting essentially produces Web pages as the scripts execute.

3.2. The Active Server Pages Model

An ASP script begins to run when a browser requests an .asp file from your Web server. Your Web server then calls ASP, which reads through the requested file from top to bottom, executes any commands, and sends an HTML page to the browser. An Active Server Page (ASP) is an HTML page that includes one or more scripts (small embedded programs) that are processed on a Microsoft Web server before the page is sent to the user. An ASP is somewhat similar to a server-side include or a common gateway interface (CGI) application in that all involve programs that run on the server, usually tailoring a page for the user. Typically, the script in the Web page at the server uses input received as the result of the user's request for the page to access data from a database and then builds or customizes the page on the fly before sending it to the requestor.

ASP is a feature of the Microsoft Internet Information Server (IIS), but, since the server-side script is just building a regular HTML page, it can be delivered to almost any browser. You can create an ASP file by including a script written in VBScript or JScript in an HTML file or by using ActiveX Data Objects (ADO) program statements in the HTML file. You name the HTML file with the ".asp" file suffix. Microsoft recommends the use of the server-side ASP rather than a client-side script, where there is actually a choice, because the server-side script will result in an easily displayable HTML page. Client-side scripts (for example, with JavaScript) may not work as intended on older browsers.

3.2.1. Web Application Model

Now we will show you in more detail how ASP requests are handled.

As with earlier versions of ASP, a client can access your Web application using URLs. So, a Web application is a set of URLs related to one or more virtual directories on the Web server.

Each request is processed by the HTTP runtime, which is the core of the ASP. Web application model. Processing consists of resolving the URL of the request to the corresponding application, and dispatching the request to the application for further processing.

Requests are led through a pipeline of HTTP *modules*. With each module a developer can catch and modify requests. One of those modules could be, for example, a security module.

At the end of the module pipeline, there are *request handlers*. They enable the processing of individual URLs within an application. From the developer's point of view there is easy access to a clean and well-structured object model. Beside those aspects mentioned above, there is an object encapsulating all information about an individual HTTP request within ASP

3.3. HTML (Hypertext Markup Language)

HTML (Hypertext Markup Language) is the set of "markup" symbols or codes inserted in a file intended for display on a World Wide Web browser. The markup tells the Web browser how to display a Web page's words and images for the user. The individual markup codes are referred to as elements

HTML is a standard recommended by the World Wide Web Consortium (W3C) and adhered to by the major browsers, Microsoft's Internet Explorer and Netscape's Navigator, which also provide some additional non-standard codes. The current version of HTML is HTML 4.

However, both Internet Explorer and Netscape implement some features differently and provide non-standard extensions. Web developers using the more advanced features of HTML 4 may have to design pages for both browsers and send out the appropriate version to a user.

Significant features in HTML 4 are sometimes described in general as dynamic HTML. What is sometimes referred to as HTML 5 is an extensible form of HTML called XHTML.

4 Introduction to SQL

4.1. A Brief History of SQL

The history of SQL begins in an IBM laboratory in San Jose, California, where SQL was developed in the late 1970s. The initials stand for Structured Query Language, and the language itself is often referred to as "sequel." It was originally developed for IBM's DB2 product (a relational database management system, or RDBMS, that can still be bought today for various platforms and environments). In fact, SQL makes an RDBMS possible. SQL is a nonprocedural language, in contrast to the procedural or third-generation languages (3GLs) such as COBOL and C that had been created up to that time.

The characteristic that differentiates a DBMS from an RDBMS is that the RDBMS provides a set-oriented database language. For most RDBMSs, this set-oriented database language is SQL. Set oriented means that SQL processes sets of data in groups.

Two standards organizations, the American National Standards Institute (ANSI) and the International Standards Organization (ISO), currently promote SQL standards to industry. The ANSI-92 standard is the standard for the SQL used throughout this book. Although these standard-making bodies prepare standards for database system designers to follow, all database products differ from the ANSI standard to some degree. In addition, most systems provide some proprietary extensions to SQL that extend the language into a true procedural language. We have used various RDBMSs to prepare the examples in this book to give you an idea of what to expect from the common database systems. (We discuss procedural SQL--known as PL/SQL--on Day 18, "PL/SQL: An Introduction," and Transact-SQL on Day 19, "Transact-SQL: An Introduction.")

4.1.1. An Overview of SQL

SQL is the de facto standard language used to manipulate and retrieve data from these relational databases. SQL enables a programmer or database administrator to do the following:

- Modify a database's structure
- Change system security settings
- Add user permissions on databases or tables

- Query a database for information
- Update the contents of a database

4.1.2. Popular SQL Implementations

This section introduces some of the more popular implementations of SQL, each of which has its own strengths and weaknesses. Where some implementations of SQL have been developed for PC use and easy user interactivity, others have been developed to accommodate very large databases (VLDB). This section introduces selected key features of some implementations.

4.1.3. SQL in Application Programming

SQL was originally made an ANSI standard in 1986. The ANSI 1989 standard (often called SQL-89) defines three types of interfacing to SQL within an application program:

- Module Language-- Uses procedures within programs. These procedures can be called by the application program and can return values to the program via parameter passing.
- Embedded SQL-- Uses SQL statements embedded with actual program code. This method often requires the use of a precompiler to process the SQL statements. The standard defines statements for Pascal, FORTRAN, COBOL, and PL/1.
- Direct Invocation-- Left up to the implementor.

Before the concept of dynamic SQL evolved, embedded SQL was the most popular way to use SQL within a program. Embedded SQL, which is still used, uses *static* SQL--meaning that the SQL statement is compiled into the application and cannot be changed at runtime. The principle is much the same as a compiler versus an interpreter. The performance for this type of SQL is good; however, it is not flexible--and cannot always meet the needs of today's changing business environments. Dynamic SQL is discussed shortly.

The ANSI 1992 standard (SQL-92) extended the language and became an international standard. It defines three levels of SQL compliance: entry, intermediate, and full. The new features introduced include the following:

- Connections to databases
- Scrollable cursors
- Dynamic SQL
- Outer joins

This book covers not only all these extensions but also some proprietary extensions used by RDBMS vendors. Dynamic SQL allows you to prepare the SQL statement at runtime.

Although the performance for this type of SQL is not as good as that of embedded SQL, it provides the application developer (and user) with a great degree of flexibility. A call-level interface, such as ODBC or Sybase's DB-Library, is an example of dynamic SQL.

Call-level interfaces should not be a new concept to application programmers. When using ODBC, for instance, you simply fill a variable with your SQL statement and call the function to send the SQL statement to the database. Errors or results can be returned to the program through the use of other function calls designed for those purposes. Results are returned through a process known as the *binding of variables*.

4.2. A Brief History of Databases

A little background on the evolution of databases and database theory will help you understand the workings of SQL. Database systems store information in every conceivable business environment. From large tracking databases such as airline reservation systems to a child's baseball card collection, database systems store and distribute the data that we depend on. Until the last few years, large database systems could be run only on large mainframe computers. These machines have traditionally been expensive to design, purchase, and maintain. However, today's generation of powerful, inexpensive workstation computers enables programmers to design software that maintains and distributes data quickly and inexpensively.

4.2.1. Open Database Connectivity (ODBC)

ODBC is a functional library designed to provide a common Application Programming Interface (API) to underlying database systems. It communicates with the database through a library driver, just as Windows communicates with a printer via a printer driver. Depending on the database being used, a networking driver may be required to connect to a remote database.

The unique feature of ODBC (as compared to the Oracle or Sybase libraries) is that none of its functions are database-vendor specific. For instance, you can use the same code to perform queries against a Microsoft Access table or an Informix database with little or no modification. Once again, it should be noted that most vendors add some proprietary extensions to the SQL standard, such as Microsoft's and Sybase's Transact-SQL and Oracle's PL/SQL.

You should always consult the documentation before beginning to work with a new data source. ODBC has developed into a standard adopted into many products, including Visual Basic, Visual C++, FoxPro, Borland Delphi, and PowerBuilder. As always, application developers need to weigh the benefit of using the emerging ODBC standard, which enables you to design code without regard for a specific database, versus the speed gained by using a database specific function cosmetic product.

4.3. IIS (Internet Information Server)

IIS (Internet Information Server) is a group of Internet servers (Web or HTTP, FTP, and Gopher) and other capabilities for Microsoft's Windows NT and Windows 2000 Server operating systems. IIS is Microsoft's bid to dominate the Internet server market that is also addressed by Netscape, Sun Microsystems, O'Reilly, and others. With IIS, Microsoft includes a set of programs for building and administering Web sites, a search engine, and support for writing Web-based applications that access databases. Microsoft points out that IIS is tightly integrated with the Windows NT and 2000 Servers in a number of ways, resulting in faster Web page serving.

A typical company that buys IIS can create pages for Web sites using Microsoft's Front Page product (with its WYSIWYG user interface). Web developers can use Microsoft's Active Server Page (ASP) technology, which means that applications - including ActiveX controls - can be imbedded in Web pages that modify the content sent back to users. Developers can also write programs that filter requests and get the correct Web pages for different users by using Microsoft's ISAPI interface. ASPs and ISAPI programs run more efficiently than Common Gateway Interface (CGI) and server-side include (SSI) programs, two current technologies.

Microsoft includes special capabilities for server administrators designed to appeal to Internet service providers (ISPs). It includes a single window (or "console") from which all services and users can be administered. It's designed to be easy to add components as "snap-ins" that you didn't initially install. The administrative windows can be customized for access by individual customers.

IIS includes security features and promises that it is easy to install. It works closely with the Microsoft Transaction Server to access databases and provide control at the transaction level. It also works with Microsoft's Netshow in the delivery of streaming audio and video, delayed or live.

4.4. VBScript and Java Script

VBScript is an interpreted script language from Microsoft that is a subset of its Visual Basic programming language. VBScript can be compared to other script languages designed for the Web, including:

- Netscape's JavaScript
- Sun Microsystems's Tcl
- The UNIX-derived Perl
- IBM's REXX

In general, script languages are easier and faster to code in than the more structured, compiled languages such as C and C++ and are ideal for smaller programs of limited capability or that can reuse and tie together existing compiled programs.

VBScript is Microsoft's answer to Netscape's popular JavaScript. Both are designed to work with an interpreter that comes with a Web browser - that is, at the user or client end of the Web client/server session. VBScript is designed for use with Microsoft's Internet Explorer browser together with other programming that can be run at the client, including ActiveX controls, automation servers, and Java applets. Although Microsoft does support Netscape's JavaScript (it converts it into its own JScript), Netscape does not support VBScript. For this reason, VBScript is best used for intranet Web sites that use the Internet Explorer browser only.

JavaScript is an interpreted programming or script language from Netscape. It is somewhat similar in capability to Microsoft's Visual Basic, Sun's Tcl, the UNIX-derived Perl, and IBM's REXX. In general, script languages are easier and faster to code in than the more structured and compiled languages such as C and C++. Script languages generally take longer to process than compiled languages, but are very useful for shorter programs.

JavaScript is used in Web site development to do such things as:

- Automatically change a formatted date on a Web page
- Cause a linked-to page to appear in a popup window (see our "Make a WordPop!" page)
- Cause text or a graphic image to change during a mouse rollover

JavaScript uses some of the same ideas found in Java, the compiled object-oriented language derived from C++. JavaScript code can be imbedded in HTML pages and interpreted by the Web browser (or client). JavaScript can also be run at the server as in Microsoft's Active Server Pages (ASPs) before the page is sent to the requestor.

4.4.1. Uses JScript and VBScript

Microsoft JScript® and VBScript are common scripting languages and currently supported by the ASP scripting engine. Because both JScript and VBScript are not strongly typed, this leads to another performance loss.

You can use other scripting languages, but custom scripting engines are hard to find.

Client-side scripting is HTML code that the browser interprets, for example, a message box appearing at the bottom of the HTML page when a page is loaded. This is client-side scripting. The web server makes no note of client-side code; it just sends it to the client like regular HTML text. It is the client's responsibility to process client-side scripts.

Server-side scripts, like ASP, are scripts that the web server processes. Since server-side scripts are processed by the web server, the client (or browser) does not interact with the server-side scripts. Since all ASP code is processed before the client obtains any client-side script, it is impossible for ASP to make use of client-side actions without requiring a round trip to the server.

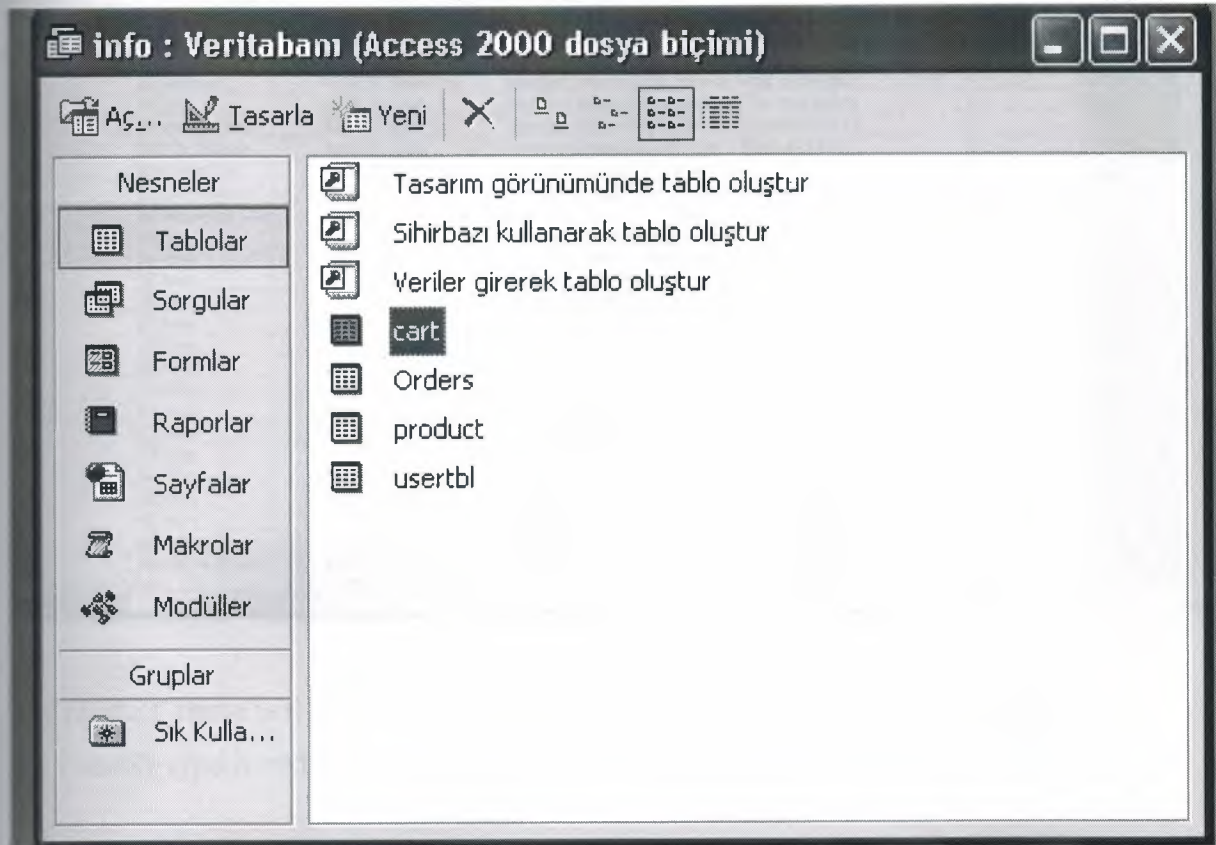
Scripting languages are great for creating applications quickly. Compared to formal programming languages, you generally need far fewer lines of script to accomplish a task. Now that Dynamic HTML and the Document Object Model have arrived, you can even combine server-side and client-side scripting to quickly develop a prototype of your ideas.

You can do a lot of development with scripts.

5.Description of the program

5.1. Database & Structures

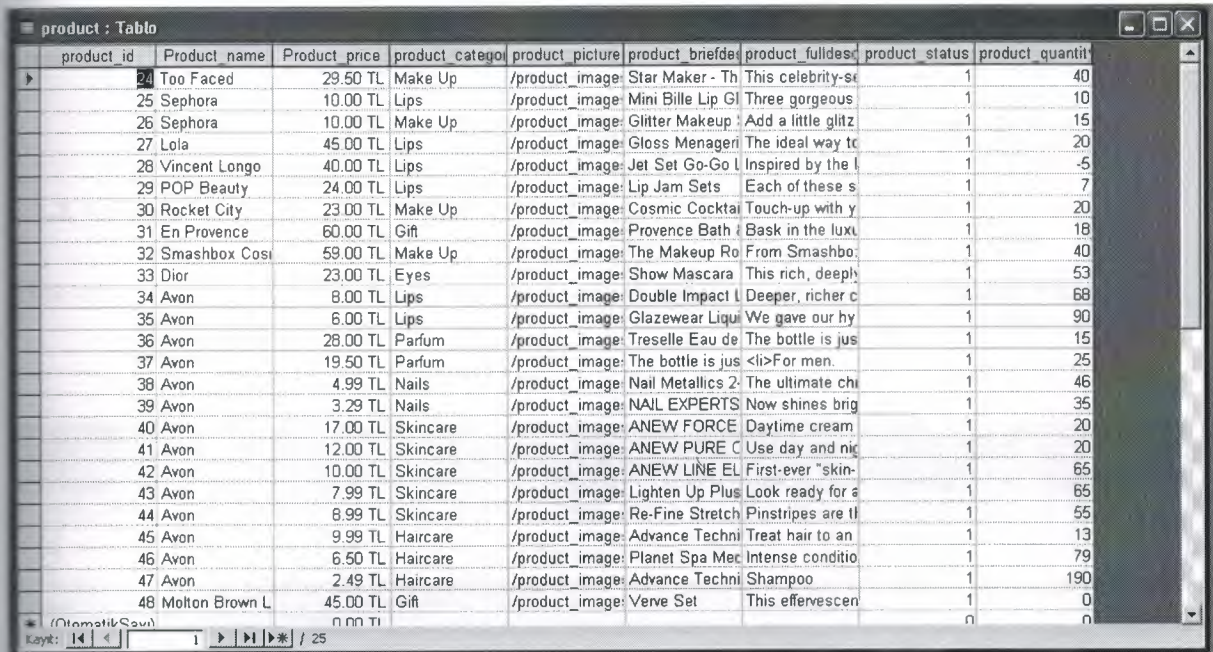
In this Project i used Microsoft Access 2000 for the database.The name of the database is info.mdb. There are 4 tables in this database file (product,orders,usertbl,car).



5.1.1. Product Table

The information for the products are stored on this table.

The product_id is primary key of the table. This field is used to separate the products from others. Its variable type is autonumber.



product_id	Product name	Product price	product category	product picture	product briefdesc	product fulldesc	product status	product quantity
24	Too Faced	29.50 TL	Make Up	/product_image	Star Maker - Th	This celebrity-se	1	40
25	Sephora	10.00 TL	Lips	/product_image	Mini Bille Lip Gl	Three gorgeous	1	10
26	Sephora	10.00 TL	Make Up	/product_image	Glitter Makeup	Add a little glitz	1	15
27	Lola	45.00 TL	Lips	/product_image	Gloss Menageri	The ideal way to	1	20
28	Vincent Longo	40.00 TL	Lips	/product_image	Jet Set Go-Go L	Inspired by the l	1	5
29	POP Beauty	24.00 TL	Lips	/product_image	Lip Jam Sets	Each of these s	1	7
30	Rocket City	23.00 TL	Make Up	/product_image	Cosmic Cocktai	Touch-up with y	1	20
31	En Provence	60.00 TL	Gift	/product_image	Provence Bath	Bask in the luxu	1	18
32	Smashbox Cos	59.00 TL	Make Up	/product_image	The Makeup Ro	From Smashbo	1	40
33	Dior	23.00 TL	Eyes	/product_image	Show Mascara	This rich, deep	1	53
34	Avon	8.00 TL	Lips	/product_image	Double Impact L	Deeper, richer c	1	68
35	Avon	6.00 TL	Lips	/product_image	Glazewear Liqui	We gave our hy	1	90
36	Avon	28.00 TL	Parfum	/product_image	Treselle Eau de	The bottle is jus	1	15
37	Avon	19.50 TL	Parfum	/product_image	The bottle is jus	For men.	1	25
38	Avon	4.99 TL	Nails	/product_image	Nail Metallics 2	The ultimate chi	1	46
39	Avon	3.29 TL	Nails	/product_image	NAIL EXPERTS	Now shines brig	1	35
40	Avon	17.00 TL	Skincare	/product_image	ANEW FORCE	Daytime cream	1	20
41	Avon	12.00 TL	Skincare	/product_image	ANEW PURE C	Use day and nig	1	20
42	Avon	10.00 TL	Skincare	/product_image	ANEW LINE EL	First-ever "skin-	1	65
43	Avon	7.99 TL	Skincare	/product_image	Lighten Up Plus	Look ready for s	1	65
44	Avon	8.99 TL	Skincare	/product_image	Re-Fine Stretch	Pinstripes are th	1	55
45	Avon	9.99 TL	Haircare	/product_image	Advance Techni	Treat hair to an	1	13
46	Avon	6.50 TL	Haircare	/product_image	Planet Spa Mec	Intense conditio	1	79
47	Avon	2.49 TL	Haircare	/product_image	Advance Techni	Shampoo	1	190
48	Molton Brown L	45.00 TL	Gift	/product_image	Verve Set	This effervesce	1	0
		0.00 TL					0	0

The product_name is the field that holds the information about the product's name.

Its variable type is text.

The product_price field is to store the information about the product's price.

Its variable type is currency.

The product_category field is used to store the product's category. Its variable type is text.

The product_picture field is used to store the path of the product's Picture. Its variable type is text.

The product_briefdesc field is used to store the product's brief description to show in all products, productlist and product page. Its variable type is text.

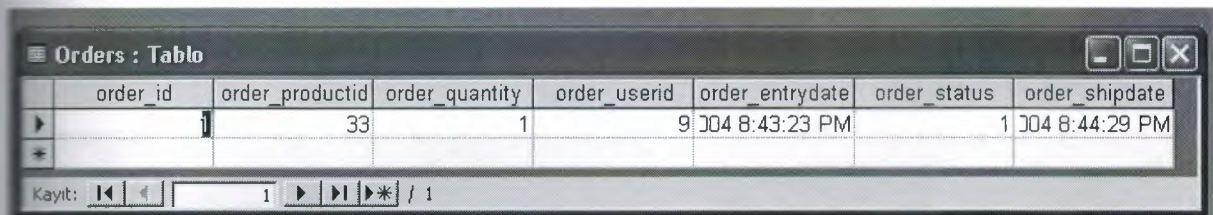
The product_fulldesc field is used to store the product's full description to show in product page. It's variable type is Memo.

The product_status field is used to store the product's status in the stock to show or not in all pages. It's variable type is number.

The product_quantity field is used to store the product's quantity in stock. It is important for ordering. It's variable type is number.

5.1.2. Orders

This table is designed for holding the information about orders. It has no primary key.



order_id	order_productid	order_quantity	order_userid	order_entrydate	order_status	order_shipdate
1	33	1	9	004 8:43:23 PM	1	004 8:44:29 PM

The order_id field is used to store the orders id to show in orders page. It's variable type is number.

The order_id field is used to store the orders id to show in orders page. It's variable type is number.

The order_productid field is used to store the ordered products ids to show in orders page. It's variable type is number.

The order_quantity field is used to store the ordered product's quantity to show in orders page. It's variable type is number.

The order_userid field is used to store the userid to know which user is ordered this product. It's variable type is number.

The order_entrydate field is used to store the order's date to show in orders page. It's variable type is date.

The order_status field is used to store the orders status that is given to cargo or not to show in orders page. It's variable type is number.

The order_shipdate field is used to store when order is given to cargo to show in orders page. It's variable type is date.

5.1.3. Usertbl

The information about the users are stored on this table. The userid is primary key of the table.

name	surname	username	password	email	cc_number	cc_name	cc_expires	cc_type	Address

password	email	cc_number	cc_name	cc_expires	cc_type	Address	City	Country	userid (OtomatikSayı)

The userid field is used to store the user's id to differentiate users. It's variable type is number.

The username field is used to store the user's name to login the site. It's variable type is text.

The password field is used to store the user's password to login the site. It's variable type is text.

The name field is used to store the user's name. It's variable type is text.

The surname field is used to store the user's surname. It's variable type is text.

The email field is used to store the user's email. It's variable type is text.

The fields cc_number, cc_name, cc_expires, cc_type are used to store information about the user's credit card. All these fields are necessary to order a product.

The fields address, city, country fields are used to store information about order to deliver.

5.1.4. Cart

The cart table is used to store the information about the users cart. The primary key is Cart_id.

The fields cart_id, cart_userid, cart_productid, cart_quantity are for cart information of the user.



	cart_id	cart_userid	cart_productid	cart_quantity
▶	104	9	33	1
*	(OtomatikSayi)	0	0	0

Kayıt: 1 / 1

5.2. Description of all pages

The default.asp page is the main page of the site. At first it includes top.asp that has the animation and navigation bar. It also includes pages catlist.asp, productlist.asp and allproducts.asp. If you are not logged in there are two links. The first link is for registered user and the second link is for new user. If you click the first one you will go to page user_entry.asp. If you click second you will go to register.asp. There will be explanation for these pages.

If you are at the home all the products will be listed inside default.asp by using the page allproducts.asp. If you are not at home the products that is in the category will be listed by using productlist.asp.

The user_entry.asp page is for the users that are registered before. You have to enter username and password. After that user_entry_inf.asp comes. It checks the users information from the database then it writes a cookie to users computer about username and password. This cookie is used to remember the user each time he/she enters the site.

The register.asp is for new users to register. There is a form on this page and this form goes to page register_inf.asp.

The register_inf.asp page writes the information to database. Before writing operation it checks two password fields. If they are same it checks email. If there is no @ character and . character you can not register.

The logoff.asp page is to delete the contents of the cookie. If the user enters the site again the site will not remember who he/she is. This for security. It is recommended that each time the user close this site the user has to logoff.

The cart.asp page is for the users cart. All the products that is put to cart will be listed. The user can change the quantity of the products. When the user presses to update cart button the quantities in the database will be updated. In this page the user can see ordered products status, they are given to cargo or not if given when.

The order.asp page is the most important page. It takes information about the credit card and order. It checks the credit card is valid or not. If not it turns back to form about credit card information. It takes all the products in cart then it checks the product table for quantities if ordered quantity is more than the stock the product that is more than stock will not be ordered.

The product.asp page is used to show the product's information. It takes product_id from allproducts or productlist.

The administrator_of_the_site.asp page is for the administrator to see user informations, to add or update products or to see and change orders. When you click change status link it reduces the stocks depending on ordered quantity.

The common.asp in melek/adm folder is for the functions to check the product details.

6. CONCLUSION

I have used ASP technology in order to accomplish this project. The most important aspect of ASP is database management.. All the information and transactions of the member customers have been saved to a database for later processes and references. Also this project guided me to improved my scripting and HTML knowledge.

While designing web interfaces with third party programs such as FrontPage and Dreamweaver that necessarily do not need programming background, but integrating ASP to the HTML codes requires a scripting and background knowledge that leaded me to improve my scripting knowledge in web programming.

The most important reason that ASP appealed me is that it is a key to the future while Internet is spreading in every segment of life and millions of people are getting online every day.

In this project, I have established the the fundamentals of ASP and I will be happy to use it in my professional life.

7. REFERENCES

1. <http://www.pervasive.com>
2. <http://www.sans.org>
3. <http://ted.see.plymouth.ac.uk>
4. <http://www.aspxnet.de/>
5. <http://www.upu.int/security>
6. <http://www.hepsiburda.com>

8. APPENDIXES

8.1.Source Code

Top.asp

```
<title>The Best Cosmetic Products Are Only Here</title>
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1">
</head>
<body bgcolor="#FF66FF">
<center><object classid="clsid:D27CDB6E-AE6D-11cf-96B8-444553540000"
codebase="http://download.macromedia.com/pub/shockwave/cabs/flash/swflash.cab#version
=6,0,29,0" width="400" height="70">
  <param name="movie" value="Images/top.swf">
  <param name="quality" value="high">
  <embed src="Images/top.swf" quality="high"
pluginspage="http://www.macromedia.com/go/getflashplayer" type="application/x-
shockwave-flash" width="400" height="70"></embed></object>
</center>
<p align="right"><a href="default.asp"><b>Home</b></a>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<a
href="cart.asp"><b>Shopping Cart</b></a>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<a
href="user_entry.asp"><b>Log in</b></a>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<a
href="logoff.asp"><b>Log Off</b></a><hr></p>
```

Default.asp

```
<%@LANGUAGE="VBSCRIPT" CODEPAGE="1252"%>
<html>
<head>
<!--#include virtual="top.asp"-->
<%response.Buffer=true
  if request.Cookies("username")="default" or request.Cookies("password")="default" or
request.Cookies("username")="" or request.Cookies("password")="" then%>
  <p align="center"><a href="user_entry.asp">Click Here If U R A
Member</a>&nbsp;&nbsp;&nbsp;<a href="register.asp">If U R Not Click Here To
Register</a></p>
  <%Else%>
  <p align="center"><b>Hello <%=request.Cookies("username")%></b></p>
```

```

<%end if
%>
<!--#include virtual="adovbs.inc"-->
<%
' Get Current Category
cat = TRIM( Request( "cat" ) )
IF cat = "" THEN cat = "Home"

' Open Database Connection
Set Conn = Server.CreateObject( "ADODB.Connection" )
Conn.Open "cosmetic"
%>
<table width="800px" align="center" border=0 bgcolor="#FF66FF" cellpadding=0
cellspacing=0>
<tr><td valign="top">
<table cellpadding=0 cellspacing=0 border=0>
<tr>
<td valign="bottom" bgcolor="pink">
</td>
</tr>
<tr>
<td>
<table width="200" cellpadding=4 cellspacing=0
bgcolor="lightyellow" border=1>
<tr>
<td>
<form method="post" action="search.asp">
<input name="searchfor" size="15">
<input type="submit" value="Search">
</form>
</td>
</tr>
</table>
</td>
</tr>
</table>
</td>

```



```

</tr>
<tr>
  <td valign="bottom">
    </td>
</tr>
<tr>
  <td>
    <table width="200" cellpadding=4 cellspacing=0
      bgcolor="lightyellow" border=1>
      <tr>
        <td align="left">
          <font size="3"><b>
            <!--#include virtual="catlist.asp"-->
          </b></font>
        </td>
      </tr>
    </table>
  </td>
</tr>
<table>
  <td>
    <% IF cat = "Home" THEN %>
    <!--#include virtual="allproducts.asp"-->
    <% ELSE %>
    <!-- #INCLUDE FILE="ProductList.asp" -->
    <% END IF %>
  </td>
</td>
</tr>
<table>
  <center>
    <tr>
      <%

```

Copyright © 2004 the Angle Company

```
%>
</center>
</body>
</html>
</body>
</html>
```

Catlist.asp

```
<%
IF NOT isArray( Application( "productCategories" ) ) THEN
  Set catRS = Server.CreateObject( "ADODB.Recordset" )
  catRS.ActiveConnection = Conn
  sqlString = "SELECT distinct product_category FROM Product WHERE product_status=1
ORDER BY product_category"
  catRS.Open sqlString
  productCategories = catRS.GetRows()
  Application.Lock
  Application( "productCategories" ) = productCategories
  Application.Lock
  catRS.Close
END IF
%>
<% If cat = "Home" THEN %>
<font color="red"><b>Home</b></font>
<UL>
<% ELSE %>
<a href="default.asp?cat=Home">Home</a>
<UL>
<% END IF
FOR i = 0 TO UBOUND( Application( "productCategories" ), 2 )
prodCat = Application( "productCategories" )( 0, i )
%>
<% IF prodCat = cat THEN %>
```

```

<li><font color="red"><b>
<%=prodCat%>
</b></font>
<% ELSE %>
<li><a href="default.asp?cat=<%=Server.URLEncode( prodCat )%>"><%=prodCat%></a>
<% END IF %>
<%
NEXT
%>
</UL>

```

Allproducts.asp

```

<%
' Get the Current Page
pg = TRIM( Request( "pg" ) )
IF pg = "" THEN pg = 1

' Open the Recordset
Set prodRS = Server.CreateObject( "ADODB.Recordset" )
prodRS.ActiveConnection = Conn
prodRS.CursorType = adOpenStatic
prodRS.PageSize = 5
sqlString = "SELECT product_id, product_picture, product_name, product_briefDesc " & _
"FROM Product " & _
"where product_status=1 " & _
"ORDER BY product_category,product_id desc "
prodRS.Open sqlString
prodRS.AbsolutePage = pg
%>
<table width="350" border=0
cellpadding=5 cellspacing=0>
<%
WHILE NOT prodRS.EOF AND rowCount < prodRS.PageSize

```



```

rowCount = rowCount + 1
%>
<tr>
  <td>
    <% IF prodRS( "product_picture" ) <> "?????" THEN %>
    <IMG SRC="<%=prodRS( "product_picture" )%>"
    HSPACE=4 VSPACE=4 BORDER=0 align="center">
    <% END IF %>
  </td>
  <td>
    <a href="product.asp?pid=<%=prodRS( "product_id" )%>">
    <b><%=prodRS( "product_name" )%></b></a>
    <br><%=prodRS( "product_briefDesc" )%>
    <br><a href="product.asp?pid=<%=prodRS( "product_id" )%>">
    get more information</a>
  </td>
</tr>
<tr>
  <td colspan=2 align="center">&nbsp;

  </td>
</tr>
<%
prodRS.MoveNext
WEND
%>
</table>
<%
IF prodRS.PageCount > 1 THEN
%>
<font color="darkgreen">
<b>Go to page: </b>
<%
FOR i = 1 to prodRS.PageCount

```

```

IF i <> cINT( pg ) THEN
%>
<a href="default.asp?cat=<%=cat%>&pg=<%=i%>">
<%=i%></a>&nbsp;
<% ELSE %>
<b><%=i%></b>&nbsp;
<% END IF %>
<%
NEXT
%>
</font>
<%
END IF
%>

```

Productlist.asp

```

<%
' Get the Current Page
pg = TRIM( Request( "pg" ) )
IF pg = "" THEN pg = 1

' Open the Recordset
Set prodRS = Server.CreateObject( "ADODB.Recordset" )
prodRS.ActiveConnection = Conn
prodRS.CursorType = adOpenStatic
prodRS.PageSize = 5
sqlString = "SELECT product_id, product_picture, product_name, product_briefDesc " & _
"FROM Product WHERE product_category=" & cat & " " & _
"AND product_status=1 " & _
"ORDER BY product_id desc "
prodRS.Open sqlString
prodRS.AbsolutePage = pg
%>
<table width="350" border=0

```

```

cellpadding=5 cellspacing=0>
<%
WHILE NOT prodRS.EOF AND rowCount < prodRS.PageSize
rowCount = rowCount + 1
%>
<tr>
<td>
<% IF prodRS( "product_picture" ) <> "?????" THEN %>
<IMG SRC="<%=prodRS( "product_picture" )%>"
HSPACE=4 VSPACE=4 BORDER=0 align="center">
<% END IF %>
</td>
<td>
<a href="product.asp?pid=<%=prodRS( "product_id" )%>">
<b><%=prodRS( "product_name" )%></b></a>
<br><%=prodRS( "product_briefDesc" )%>
<br><a href="product.asp?pid=<%=prodRS( "product_id" )%>">
get more information</a>
</td>
</tr>
<tr>
<td colspan=2 align="center">&nbsp;

</td>
</tr>
<%
prodRS.MoveNext
WEND
%>
</table>
<%
IF prodRS.PageCount > 1 THEN
%>
<font color="darkgreen">

```



```

<b>Go to page: </b>
<%
    FOR i = 1 to prodRS.PageCount
    IF i <= cINT( pg ) THEN
%>
<a href="default.asp?cat=<%=cat%>&pg=<%=i%>">
<%=i%></a>&nbsp;
<% ELSE %>
<b><%=i%></b>&nbsp;
<% END IF %>
<%
    NEXT
%>
</font>
<%
END IF
%>

```

Product.asp

```

<%
' Get the Product ID
productID = TRIM( Request( "pid" ) )

' Open the Database Connection
Set Con = Server.CreateObject( "ADODB.Connection" )
Con.Open "cosmetic"

' Get the Product Informatino
sqlString = "SELECT * FROM Product "
sqlString = sqlString & "WHERE product_id=" & productID
Set RS = Server.CreateObject( "ADODB.Recordset" )
RS.ActiveConnection = Con
RS.Open sqlString

```

"Get Current Category

```
cat = RS( "product_category" )
```

```
%>
```

```
<!--#include virtual="top.asp"-->
```

```
<table width="800px" border=0 align="center"
```

```
cellpadding=0 cellspacing=0>
```

```
<tr><td valign="top">
```

```
<table cellpadding=0 cellspacing=0 border=0>
```

```
<tr>
```

```
<td valign="bottom" bgcolor="pink">
```

```
</td>
```

```
</tr>
```

```
<tr>
```

```
<td>
```

```
<table width="200" cellpadding=4 cellspacing=0
```

```
bgcolor="lightyellow" border=1>
```

```
<tr>
```

```
<td>
```

```
<form method="post" action="search.asp">
```

```
<input name="searchfor" size="15">
```

```
<input type="submit" value="Search">
```

```
</form>
```

```
</td>
```

```
</tr>
```

```
</table>
```

```
</td>
```

```
</tr>
```

```
<tr>
```

```
<td valign="bottom">
```

```
</td>
```

```
</tr>
```

```
<tr>
```

```
<td>
```

```

<table width="200" cellpadding=4 cellspacing=0
bgcolor="lightyellow" border=1>
<tr>
  <td>
    <font size="3"><b>
      <!-- #INCLUDE FILE="CatList.asp" -->
    </b></font>
  </td>
</tr>
</table>
</td>
</tr>
</table>
</td><td valign="top">
<table cellpadding=10 cellspacing=0
border=0>
<tr>
  <td>
    <% IF RS( "product_picture" ) <> "?????" THEN %>
    " width="150px" height="150px">
    <% END IF %>
    <p>
      <font size="3" face="Arial"><b>
        <%=RS( "product_name" )%>
      </b></font>
      <p><%=RS( "product_briefDesc" )%>
      <form method="post" action="cart.asp">
        <input name="pid" type="hidden" value="<%=RS( "product_id" )%>">
        <input name="process" type="hidden" vaule="add">
        <input type="submit" value="Add To Cart">
      </form>

```

```

<%=RS( "product_fullDesc" )%>
</td>
</tr>
<tr>
<td>
<table width="200px" align="left" bgcolor="#FFFFFF" cellpadding="2">
<tr>
<td>Price
</td>
<td><%=formatcurrency(Rs("Product_price"))%>
</td>
</tr>
</table>
</td>
</tr>
<tr>
<td>
<form method="post" action="cart.asp">
<input name="pid" type="hidden" value="<%=RS( "product_id" )%>">
<input name="process" type="hidden" value="add">
<input type="submit" value="Add To Cart">
</form>
</td>
</tr>
</table>
</td></tr>
</table>
<%rs.close
con.close
set conn=nothing
%>
<hr>
<center>Copyright &copy; 2004 Angle Company</center>

```



```

</center>
</body>
</html>

```

Search.asp

```

<%@LANGUAGE="VBSCRIPT" CODEPAGE="1252"%>
<!-- #INCLUDE FILE="adovbs.inc" -->
<!--#include virtual="top.asp"-->
<%
' Get Current Category
cat = TRIM( Request( "cat" ) )
IF cat = "" THEN cat = "Home"

' Get Search Phrase
searchFor = TRIM( Request( "searchFor" ) )

' Open Database Connection
Set Conn = Server.CreateObject( "ADODB.Connection" )
Conn.Open "cosmetic"
%>
<table width="800" border="0" bgcolor="#FF66FF" align="center" cellpadding="0"
cellspacing="0">
<tr><td valign="top">

<table cellpadding="0" cellspacing="0" border="0">
<tr>
<td valign="bottom" bgcolor="pink">
</td>
</tr>
<tr>
<td>
<table width="200" cellpadding="4" cellspacing="0" bgcolor="lightyellow" border="1">
<tr>

```

```

        <td>
        <form method="post" action="search.asp">
        <input name="searchfor" size="15">
        <input type="submit" value="Search">
        </form>
        </td>
    </tr>
</table>
</td>
</tr>
<tr>
    <td valign="bottom">
        </td>
</tr>
<tr>
    <td>
        <table width="200" cellpadding="4" cellspacing="0" bgcolor="lightyellow" border="1">
        <tr>
            <td>
                <font size="3"><b>
                <!-- #INCLUDE FILE="CatList.asp" -->
                </b></font>
            </td>
        </tr>
        </table>
    </td>
</tr>
</table>
</td><td valign="top">

```

```

<%

```

```

sqlString = "SELECT product_id, product_picture, product_name, product_briefDesc " &_

```

```

"FROM Product " &_
"WHERE product_status = 1 " &_
"AND ( product_name LIKE '%" & searchFor & "%' " &_
"OR product_briefDesc LIKE '%" & searchFor & "%') " &_
"ORDER BY product_name "

```

```

SET RS = Conn.Execute( sqlString )

```

```

IF NOT RS.EOF AND searchFor <> "" THEN

```

```

%>

```

```

<table width="350" border="0" cellpadding="5" cellspacing="0">

```

```

<tr>

```

```

    <td colspan="2">

```

```

        <font color="darkblue" size="3">

```

```

        <b>Search Results:</b>

```

```

        </font>

```

```

    </td>

```

```

</tr>

```

```

%>

```

```

WHILE NOT RS.EOF

```

```

%>

```

```

<tr>

```

```

    <td>

```

```

        <% IF RS( "product_Picture" ) <> "?????" THEN %>

```

```

        <img SRC="<%=RS( "product_Picture"%>" HSPACE="4" VSPACE="4" BORDER="0"
align="center">

```

```

        <% END IF %>

```

```

    </td>

```

```

    <td>

```

```

        <a href="product.asp?pid=<%=RS( "product_id"%>">

```

```

        <b><%=RS( "product_Name" )%></b></a>

```

```

        <br><%=RS( "product_BriefDesc" )%>

```

```

        <br><a href="product.asp?pid=<%=RS( "product_id"%>">

```

```

        get more information</a>

```

```

    </td>

```


Reset.asp

```
<%This Page is to reset the categories.
Application.Lock
Application( "productCategories" ) = ""
Application.Unlock
%>
<html>
<head><title>Reset</title></head>
<body>
Product Categories have been reset!
</body>
</html>
```

User_entry.asp

```
<%@LANGUAGE="VBSCRIPT" CODEPAGE="1252"%>
<html>
<head>
<!--#include virtual="top.asp"-->
<form action="user_entry_inf.asp" method="post">
  <table align="center" border="1" bgcolor="#FF33FF" bordercolordark="#FF00CC"
bordercolorlight="#FFCCFF">
    <caption>
      <h3>If you registered before, please fill appropriate fields.</h3>
    </caption>
    <tr>
      <td width="150">Username: </td>
      <td width="150"><input type="text" name="username" maxlength="10" size="15">
    </td>
    </tr>
    <tr>
      <td width="150">Password: </td>
      <td width="150"><input type="password" name="password" maxlength="10" size="15">
    </td>
```

```

</tr>
<input type="submit" value="Log in"></td>
</tr>
<a href="register.asp">If you want to register Click
Here</a>
</td>
</tr>
</table>
</form>
</body>
</html>

```

User_entry_inf.asp

```

<%@LANGUAGE="VBSCRIPT" CODEPAGE="1252"%>
<html>
<head>
<!--#include virtual="top.asp"-->
<%response.buffer=true
username=request.Form("username")
password=request.Form("password")
if username="admin" and password="991982" then
    response.Redirect("melek/adm/administrator_of_the_site.asp")
end if
set conn=server.CreateObject("ADODB.Connection")
conn.open "cosmetic"
usersearch="select * from usertbl where username='"&username&'" and '"&password&'"
set rs=conn.execute(usersearch)
if rs.eof then%>
    <p align="center"><b>The username and password that you have entered is
wrong!!!</b><br><a href="user_entry.asp">Back</a>&nbsp;&nbsp;&nbsp;<a
href="fpasword.asp">Click Here If You Forget Your Password</a></p>

```

```

<%else
    response.Cookies("username").expires="1/1/2005"
    response.Cookies("password").expires="1/1/2005"
    response.Cookies("username")=username
    response.Cookies("password")=password%>
    <p align="center"><b>Hello <%=username%>.</b><br>Welcome back to our
site.<br><br><br><a href="change.asp">Change your account.</a></p>
<%
end if
rs.close
set rs=nothing
conn.close
set conn=nothing
%>
</body>
</html>

```

Register.asp

```

<%@LANGUAGE="VBSCRIPT" CODEPAGE="1252"%>
<html>
<head>
<!--#include virtual="top.asp"-->
<form action="register_inf.asp" method="post">
    <table align="center" border="1" bgcolor="#FF33FF" bordercolordark="#FF00CC"
bordercolorlight="#FFCCFF">
        <caption>
            <h3>Please fill the form below to be a member</h3>
        </caption>
        <tr>
            <td width="150">Name: </td>
            <td><input type="text" maxlength="15" name="name" size="15"> </td>
        </tr>
        <tr>
            <td width="150">Surname: </td>

```

```

        <td><input type="text" maxlength="20" name="surname" size="15"> </td>
    </tr>
    <tr>
        <td width="150">Username: </td>
        <td width="150"><input type="text" name="username" maxlength="10" size="15">
    </td>
    </tr>
    <tr>
        <td width="150">Password: </td>
        <td width="150"><input type="password" name="password" maxlength="10" size="15">
    </td>
    </tr>
    <tr>
        <td width="150">Re-type password: </td>
        <td width="150"><input type="password" name="password2" maxlength="10"
size="15"> </td>
    </tr>
    <tr>
        <td width="150">E-mail:
    </td>
        <td width="150"><input type="text" name="e_mail" maxlength="30" size="15">
    </td>
    </tr>
    <tr>
        <td colspan="2" align="center"><input type="submit" value="Register"></td>
    </tr>
</table>
</form>
</body>
</html>

```


Register_inf.asp

```
<%@LANGUAGE="VBSCRIPT" CODEPAGE="1252"%>
<html>
<head>
<!--#include virtual="top.asp"-->
<!--#include virtual="common.asp"-->
<%name=trim(request.Form("name"))
surname=trim(request.form("surname"))
username=trim(request.form("username"))
password=request.form("password")
password2=request.form("password2")
e_mail=trim(request.Form("e_mail"))
page="register.asp"
if name="" or surname="" or password="" or username="" or e_mail="" then%>
    <p align="center">You must fill all the fields to be a member<br>
    <a href="register.asp">Back</a>
    </p>
    <%response.End()
end if
if instr(e_mail,"@")=0 or instr(e_mail,".")=0 then%>
    <p align="center">The e-mail is invalid<BR>
    <a href="register.asp">Back</a>
    </p>
    <% response.End()
end if
if password=password2 then
    set conn=server.CreateObject("ADODB.Connection")
    conn.open "cosmetic"
    searchsql="select * from usertbl where username='"&username&'"
    set rec1=conn.execute(searchsql)
    if rec1.eof then
        sql="insert into usertbl(name,surname,username,password,email) values
        ('"&name&',"&surname&',"&username&',"&password&',"&e_mail&')
        conn.execute(sql)
```

```

    %><p align="center"><b>Thank you for registering.</b></p>
<%else%>
    <p align="center"><b>This username exists.</b><br><a href="register.asp">Click
Here</a></p>
    <%
end if
else%>
    <p align="center"><b>The Passwords are different</b></p>
<%end if
set rs=nothing
set rec1=nothing
conn.close
set conn=nothing
%>
</body>
</html>

```

Change.asp

```

<%@LANGUAGE="VBSCRIPT" CODEPAGE="1252"%>
<!--#include virtual="top.asp"-->
<%if request.QueryString("pg")="update" then
    id=request.QueryString("id")
    name=trim(request.Form("name"))
    surname=trim(request.form("surname"))
    username=trim(request.form("username"))
    password=request.form("password")
    password2=request.form("password2")
    e_mail=trim(request.Form("e_mail"))
    if name="" or surname="" or password="" or username="" or e_mail=""
then%>
    <p align="center">You must fill all the fields to be a member<br>
    <a href="change.asp">Back</a>
    </p>
    <%response.End()

```

```

end if
if instr(e_mail,"@")=0 or instr(e_mail,".")=0 then%>
<p align="center">The e-mail is invalid<BR>
<a href="change.asp">Back</a>
</p>
<%
response.End()
end if
if password=password2 then
set conn=server.CreateObject("ADODB.Connection")
conn.open "cosmetic"
if username=request.Cookies("username") then
sql="update usertbl set
username='"&username&"',password='"&password&"',name='"&name&"',surname='"&surna
me&"',email='"&e_mail&" where userid=" & id
conn.execute(sql)
%><p align="center">Your information has been changed.</p>
<%response.End()
else
searchsql="select * from usertbl where username='"&username&'"
end if
set rec1=conn.execute(searchsql)
if rec1.eof then
sql="update usertbl set
username='"&username&"',password='"&password&"',name='"&name&"',surname='"&surna
me&"',email='"&e_mail&" where userid=" & id
conn.execute(sql)
%><p align="center"><b>Your information has been
changed.</b></p>
<%else%>
<p align="center"><b>This username exists.</b><br><a
href="register.asp">Click Here</a></p>
<%response.End()
end if
else%>

```

```

        <p align="center"><b>The Passwords are different</b></p>
    <%end if

    set rs=nothing
    set rec1=nothing
    conn.close
    set conn=nothing
end if

username=request.Cookies("username")
password=request.Cookies("password")
set conn=server.CreateObject("ADODB.Connection")
conn.open "cosmetic"
sql="select * from usertbl where username='"&username&'" and
password='"&password&'"
set rs=conn.execute(sql)
if not rs.eof then

%><form action="change.asp?pg=update&id=<%=rs("userid")%>" method="post">
    <table align="center" border="1" bgcolor="#FF33FF" bordercolordark="#FF00CC"
bordercolorlight="#FFCCFF">
        <caption>
        <h3>Please fill the form below to change your account.</h3>
        </caption>
        <tr>
            <td width="150">Name: </td>
            <td><input type="text" maxlength="15" name="name" value="<%=rs("name")%>"
size="15"> </td>
        </tr>
        <tr>
            <td width="150">Surname: </td>
            <td><input type="text" maxlength="20" name="surname" value="<%=rs("surname")%>"
size="15"> </td>
        </tr>
        <tr>
            <td width="150">Username: </td>

```




```
<td width="150"><input type="text" name="username" maxlength="10"
value="<%rs("username")%" size="15">
</td>
</tr>
<tr>
<td width="150">Password: </td>
<td width="150"><input type="password" name="password" maxlength="10" size="15">
</td>
</tr>
<tr>
<td width="150">Re-type password: </td>
<td width="150"><input type="password" name="password2" maxlength="10"
size="15"> </td>
</tr>
<tr>
<td width="150">E-mail:
</td>
<td width="150"><input type="text" name="e_mail" maxlength="30"
value="<%rs("email")%" size="15">
</td>
</tr>
<tr>
<td colspan="2" align="center"><input type="submit" value="Register"></td>
</tr>
</table>
</form>
<%rs.close
set rs=nothing
conn.close
set conn=nothing
else %>
<p align="center">Your information is not correct.</p>
<%end if%>
</body>
```

<html>

Orders.asp

```
<%@LANGUAGE="VBSCRIPT" CODEPAGE="1252"%>
<!--#include virtual="top.asp"-->
<%username=request.Cookies("username")
password=request.Cookies("password")
set conn=server.CreateObject("ADODB.Connection")
conn.open "cosmetic"
sql="select * from usertbl where username='"&username&'" and
password='"&password&'"
set rs1=conn.execute(sql)
if not rs1.eof then
    userid=rs1("userid")
    dim NewConn
    set NewConn = server.CreateObject("ADODB.Connection")
    NewConn.Provider = "Microsoft.Jet.OLEDB.4.0"
    NewConn.ConnectionString = server.MapPath("/DB/info.mdb")
    NewConn.Open
    dim RS80
    set RS80 = server.CreateObject("ADODB.Recordset")
    SQL = "SELECT * FROM orders INNER JOIN product ON
orders.order_productid=product.product_id WHERE orders.order_UserID=" & UserID
    RS80.Open SQL, NewConn, 1, 1
    ordertotal=0%>
<table border="1" align="center" bgcolor="#FFCCFF">
    <tr>
        <th>Order ID</th>
        <th>Product Name</th>
        <th>Product Price</th>
        <th>Order Date</th>
        <th>Order Quantity</th>
        <th>Order Price</th>
        <th>Ship Date</th>
```

```

</tr>
<%
do while not RS80.EOF
%>
<tr>
<td><%=RS80("order_id")%></td>
<td><%=RS80("product_name")%></td>
<td><%=RS80("product_price")%></td>
<td><%=RS80("order_entrydate")%></td>
<td><%=RS80("order_quantity")%></td>

<td><%=formatcurrency(RS80("order_quantity")*RS80("product_price"))%></td>
<td>
<%if RS80("order_shipdate")<>Null or RS80("order_shipdate")<>""
then
Response.Write(RS80("order_shipdate"))
else
response.Write("Waiting...")
end if
%>
</td>
</tr>
<% ordertotal=RS80("order_quantity")*RS80("product_price")
RS80.MoveNext
loop
RS80.close
set RS80=nothing
newconn.close
set conn=nothing
else
response.Redirect("/user_entry.asp")
end if
%>

```

Logoff.asp

```
<%@LANGUAGE="VBSCRIPT" CODEPAGE="1252"%>
<html>
<head>
<!--#include virtual="top.asp"-->
<%response.buffer=true
if request.Cookies("username")="default" or request.Cookies("password")="default" then%>
  <p align="center"><b>You Are Not Logged in.</b></p>
<%else
  response.Cookies("username").expires="1/1/2005"
  response.Cookies("password").expires="1/1/2005"
  response.Cookies("username")="default"
  response.Cookies("password")="default"
%>
<p align="center">You are logged off.</p>
<%end if%>
<body>

</body>
</html>
```

Cart.asp

```
<%@LANGUAGE="VBSCRIPT" CODEPAGE="1252"%>
<!--#include virtual="top.asp"-->
<!--#include virtual="ADOVBS.inc"-->
<%username=request.Cookies("username")
password=request.Cookies("password")%>

<%if username="" or password="" or username="default" or password="default" then
  response.Redirect("/user_entry.asp")
else
%> <!--#include virtual="addcart.asp"-->
<%
end if
```


Addcart.asp

```

<%pid=trim(request("pid"))

set conn=server.CreateObject("ADODB.Connection")

conn.open "cosmetic"

'Taking userid

sql="select userid from usertbl where username=" &username& ""

set rsuser=conn.execute(sql)

userid=rsuser("userid")

'Delete

if request.QueryString("pg")="del" then

    sqldel="delete * from cart where cart_id=" & cint(request.QueryString("cartid"))

    conn.execute (sqldel)

end if

'Update

IF Request( "update" ) <> "" THEN

    SET RS = Server.CreateObject( "ADODB.Recordset" )

    RS.ActiveConnection = Conn

    RS.CursorType = adOpenDynamic

    RS.LockType = adLockOptimistic

    sqlString = "SELECT cart_id, cart_quantity FROM cart " & _

    "WHERE cart_userID=" & userID

    RS.Open sqlString

    WHILE NOT RS.EOF

        newQ = TRIM( Request( "pq" & RS( "cart_id" ) ) )

        IF isNumeric( newQ ) THEN

            RS( "cart_quantity" ) = newQ

        END IF

        RS.MoveNext

    WEND

    RS.Close

    SET RS = Nothing

END IF

```

```

Add To Cart
if pid<>""then
    if not rsuser.eof then
        sqlcontrol="select * from cart where cart_productid=" & pid & " and cart_userid=" &
userid
        set rscartcontrol=conn.execute(sqlcontrol)
        if not rscartcontrol.eof then
            sqlupdate="update cart set cart_quantity=cart_quantity+1 where
cart_productid=" & pid & " and cart_userid=" & userid
            conn.execute(sqlupdate)
        elseif rscartcontrol.eof then
            sql1="insert into cart (cart_userid,cart_productid,cart_quantity) values ("&
userid & "," & pid & ",1)"
            conn.execute (sql1)
        end if
    end if
    rscartcontrol.close
end if
sqlString = "SELECT cart_id, product_name, " & _
"product_price, cart_quantity " & _
"FROM cart, product " & _
"WHERE cart_userid=" & userID & " " & _
"AND cart_productID = product_id " & _
"ORDER BY cart_id DESC"
set gets=conn.execute (sqlstring)
if gets.eof then%>
<p align="center">The Cart is Empty<br>
<a href="default.asp">Continue Shopping</a>
</p>
<%else
dim ordertotal
ordertotal=0
%><form method="post" action="cart.asp?update=1">

```

```

<table border="1" bordercolordark="#999999" bordercolorlight="#CCCCCC"
bgcolor="#FF0066" align="center">
<caption>Username: <%=username%></caption>
<tr>
<td>Product Name
</td>
<td>Quantity
</td>
<td>Price
</td>
<td>Delete
</td>
</tr>
<%while not getsr.eof
ordertotal=ordertotal+(getsr("product_price")*getsr("cart_quantity"))
%>
<tr>
<td><%=getsr("Product_name")%>
</td>
<td><input type="text" name="pq<%=getsr("cart_id")%>" size="2"
value="<%=getsr("cart_quantity")%>" maxlength="15">
</td>
<td><%=formatcurrency((getsr("cart_quantity")*getsr("product_price")))%>
</td>
<td><a href="cart.asp?pg=del&cartid=<%=getsr("cart_id")%>">Delete</a>
</td>
</tr>

<% getsr.movenext
wend%>
<tr>
<td colspan=2>Total
</td>
<td colspan=2><%=formatcurrency(ordertotal)%>

```

```

</td>
</tr>
<tr align="center">
  <td colspan=4><input type="submit" value="Update Cart">
</td>
</tr>
</table>
</form>
<form method="post" action="order.asp">
  <p align="center"><input type="submit" value="  Buy  "></p>
</form>
  <p align="center"><a href="orders.asp?userid=<%=userid%>">See Orders.</a></p>
<%
end if%>
<p align="center"><a href="default.asp">Continue Shopping</a></p>
<%
rsuser.close
getrs.close
conn.close
set conn=nothing
%>

```

Order.asp

```

<%@LANGUAGE="VBSCRIPT" CODEPAGE="1252"%>
<!--#include virtual="top.asp"-->
<!--#include virtual="adovbs.inc"-->
<%username=request.Cookies("username")
password=request.Cookies("password")
if username="default" or password="default" or username="" or password="" then
  response.Redirect("user_entry.asp")
else
  set conn=server.CreateObject("ADODB.Connection")
  conn.open "cosmetic"

```



```

usersql="select userid,username,password from usertbl where username="&username&"
and password="&password&"
set rs=conn.execute (usersql)
userid = rs("userid")
if rs.eof then
    <p align="center">Username or Password is wrong.Re-login or change your
password.</p>
<%
    elseif trim(request.Form("CCNumber"))="" or trim(request.Form("ccname"))="" or
trim(request.Form("ccexpiresmonth"))="" or trim(request.Form("ccexpiresyear"))="" or
trim(request.Form("address"))="" or trim(request.Form("city"))="" or
trim(request.Form("country"))="" then

%> <form method="post" action="order.asp">
    <table border="1" align="center" bgcolor="#FFFFFF" bordercolorlight="#CCCCCC"
bordercolordark="#999999">
        <caption><b>Before You buy you must fill these fields</b></caption>
        <tr>
            <td>Owner name of the Credit Card:
            </td>
            <td><input type="text" name="ccname" maxlength="30">
            </td>
        </tr>
        <tr>
            <td>Credit Card Number:
            </td>
            <td><input type="text" name="ccnumber" maxlength="16">
            </td>
        </tr>
        <tr>
            <td>Credit Card Expiration Month:
            </td>
            <td><select name="ccexpiresmonth">

```

```

        <OPTION value=0 selected>Select</OPTION>
    <% for i=1 to 12 %>
    <OPTION ><% =i%></OPTION>
    <% next %>
</SELECT>
    </td>
</tr>
<tr>
    <td>Credit Card Expiration Year:
    </td>
    <td><select name="ccexpiresyear">
        <option value="0" selected>Select</option>
        <%for i=2004 to 2009%>
        <option ><%=i%></option>
        <%next%>
    </select>
    </td>
</tr>
<tr>
    <td>Credit Card Type:
    </td>
    <td><select name="cctype">
        <option>Visa</option>
        <option>Master</option>
    </select>
    </td>
</tr>
<tr>
    <td>Address:
    </td>
    <td><input type="text" name="address" maxlength="50">
    </td>
</tr>
<tr>

```

```

        <td>City:
    </td>
    <td><input type="text" name="city" maxlength="20">
    </td>
</tr>
<tr>
    <td>Country:
    </td>
    <td><input type="text" name="country" maxlength="25">
    </td>
</tr>
<tr align="center">
    <td colspan="2"><input type="submit" value="Send">
    </td>
</tr>
</table>

</form>

```

```

<% 'Saving the information

```

```

    elseif not trim(request.Form("ccnumber"))="" or trim(request.Form("ccname"))="" or
trim(request.Form("ccexpiresmonth"))="" or trim(request.Form("ccexpiresyear"))="" then
    ccnumber=trim(request.Form("ccnumber"))

```

```

        ccname=trim(request.Form("ccname"))

```

```

        ccexpiresmonth=trim(request.Form("ccexpiresmonth"))

```

```

        ccexpiresyear=trim(request.form("ccexpiresyear"))

```

```

        address=trim(request.Form("address"))

```

```

        city=trim(request.form("city"))

```

```

        country=trim(request.Form("country"))

```

```

        xyz = True

```

```

    If Not Isnumeric(Request("ccnumber")) then response.redirect("order.asp")

```

```

    xyz = IsValid(Request("ccnumber"))

```

```

    IF xyz then

```

```

        'if Credit Card Number is Valid

```

```

set conn=server.CreateObject("ADODB.Connection")
conn.open "cosmetic"
sqluser="select userid from usertbl where username=" & username & ""
and password=" & password & ""

```

```

set rs=conn.execute(sqluser)
userid=rs("userid")
set connect=server.CreateObject("ADODB.Connection")
connect.Provider = "Microsoft.JET.OLEDB.4.0"
Connect.ConnectionString = server.MapPath("/DB/info.mdb")
connect.open
set Rs1 = server.CreateObject("ADODB.Recordset")
SQL = "SELECT * FROM usertbl where userid=" & userid
Rs1.Open SQL,Conn,1,3

```

```

rs1("cc_number")=ccnumber
rs1("cc_name")=ccname
rs1("cc_expires")=ccexpiresmonth + "/" + ccexpiresyear
rs1("address")=address
rs1("city")=city
rs1("country")=country
rs1.update
rs1.close

```

```

dim NewConn
set NewConn = server.CreateObject("ADODB.Connection")
NewConn.Provider = "Microsoft.Jet.OLEDB.4.0"
NewConn.ConnectionString = server.MapPath("/DB/info.mdb")
NewConn.Open

```

```

dim NewRS
set NewRS = server.CreateObject("ADODB.Recordset")
SQL = "SELECT * FROM cart INNER JOIN product ON
cart.cart_productid=product.product_id WHERE cart_Userid=" & UserID
NewRS.Open SQL,NewConn,1,3

```



```

do while not NewRS.EOF
    if
NewRS("cart_quantity")<=NewRS("product_quantity") then
        ctrl=true
    else
        ctrl=false%>
        <p align="center"><b>Not Enough Stock for
product <%=newrs("product_name")%>.<br><a href="cart.asp">Back</a></b></p>
        <%response.End()
    end if
    NewRS.MoveNext
loop

dim NewRS2
set NewRS2 = server.CreateObject("ADODB.Recordset")
SQL = "SELECT * FROM Orders"
NewRS2.Open SQL,NewConn,1,3

dim NewRS3
set NewRS3 = server.CreateObject("ADODB.Recordset")
SQL = "SELECT MAX(order_id) AS OrderID FROM Orders"
NewRS3.Open SQL,NewConn,1,3

if not isnumeric(NewRS3("OrderID")) then
    NewRS.MoveFirst
    do while not NewRS.EOF
        NewRS2.addnew
            NewRS2("order_id") = 1
            NewRS2("order_productid") =
NewRS("cart_productid")
            NewRS2("order_userid") = UserID
            NewRS2("order_status") = 0
            NewRS2("order_entrydate") = now

```

```

NewRS2("order_quantity") =
NewRS("cart_quantity")

NewRS2.update
NewRS.MoveNext
loop

else
MaxNum = NewRS3("OrderID") + 1
NewRS.MoveFirst
do while not NewRS.EOF
NewRS2.addnew
NewRS2("order_id") = MaxNum
NewRS2("order_productid") =
NewRS("cart_productid")
NewRS2("order_userid") = UserID
NewRS2("order_status") = 0
NewRS2("order_entrydate") = now
NewRS2("order_quantity") =
NewRS("cart_quantity")
NewRS2.update
NewRS.MoveNext
loop
end if
%> <table border="1" align="center" bgcolor="#FFCCFF">
<tr>
<th>Order ID</th>
<th>Product Name</th>
<th>Product Price</th>
<th>Order Date</th>
<th>Order Quantity</th>
<th>Order Price</th>
<th>Ship Date</th>
</tr>
<%

```

```

dim RS80
set RS80 = server.CreateObject("ADODB.Recordset")
SQL = "SELECT * FROM orders INNER JOIN product
ON orders.order_productid=product.product_id WHERE orders.order_UserID=" & UserID
RS80.Open SQL, NewConn, 1, 1
ordertotal=0
do while not RS80.EOF
%>
<tr>
<td><%=RS80("order_id")%></td>
<td><%=RS80("product_name")%></td>
<td><%=RS80("product_price")%></td>

<td><%=RS80("order_entrydate")%></td>
<td><%=RS80("order_quantity")%></td>

<td><%=formatcurrency(RS80("order_quantity")*RS80("product_price"))%></td>
<td>
<%if RS80("order_shipdate")<>Null or
RS80("order_shipdate")<>"" then

Response.Write(RS80("order_shipdate"))

else
response.Write("Waiting...")
end if
%>
</td>
</tr>
<% ordertotal=RS80("order_quantity")*RS80("product_price")
RS80.MoveNext
loop
%>
<tr>
<td colspan="4">Order Total:</td>

```

```
 <%=formatcurrency(ordertotal)%></td> </tr> </table> <% connect.close set connect=nothing newconn.close set newconn=nothing  else %> <p align="center">The Credit Card Number is not valid.<br> <a href="order.asp"><b>Back</b></a> </p> <% end if  end if end if Function IsValid(strNumber) Dim lngResult Dim lngTotal Dim intIndex Dim i Dim x x = 1 For i = Len(strNumber) To 1 Step -1 lngResult = (CInt(Mid(strNumber, i, 1)) * x)  If lngResult >= 10 Then lngTotal = lngTotal + (CInt(Mid(CStr(lngResult), 1, 1)) _ + CInt(Mid(CStr(lngResult), 2, 1))) Else lngTotal = lngTotal + lngResult End If | | |
```



```
If x = 2 Then x = 1 Else x = 2
```

```
Next
```

```
If lngTotal Mod 10 = 0 Then
```

```
    IsValid = True
```

```
Else
```

```
    IsValid = False
```

```
End If
```

```
End Function
```

```
%>
```

Common.asp

```
<%FUNCTION CleanCCNum( ccnumber )
```

```
FOR i = 1 TO LEN( ccnumber )
```

```
    IF isNumeric( MID( ccnumber, i, 1 ) ) THEN
```

```
        CleanCCNum = CleanCCNum & MID( ccnumber, i, 1 )
```

```
    END IF
```

```
NEXT
```

```
END FUNCTION
```

```
FUNCTION validCCNumber( ccnumber )
```

```
ccnumber = CleanCCNum( ccnumber )
```

```
IF ccnumber = "" THEN
```

```
    validCCNumber = FALSE
```

```
ELSE
```

```
isEven = False
```

```
digits = ""
```

```
for i = Len( ccnumber ) To 1 Step -1
```

```
if isEven Then
```

```
    digits = digits & CINT( MID( ccnumber, i, 1 ) ) * 2
```

```
Else
```

```
    digits = digits & CINT( MID( ccnumber, i, 1 ) )
```

```
End If
```

```
isEven = (Not isEven)
```

```
Next
```

```

checkSum = 0
For i = 1 To Len( digits) Step 1
    checkSum = checkSum + CINT( MID( digits, i, 1 ) )
Next
validCCNumber = ( ( checkSum Mod 10) = 0 )
END IF
End Function
%>

```

Administrator_of_the_site.asp

```

<%@LANGUAGE="VBSCRIPT" CODEPAGE="1252"%>
<html>
<head>
</head>
<body bgcolor="#FFFFFF">
<table height="286" border="0" bgcolor="#0099FF" cellspacing="5" cellpadding="5">
<tr>
<td width="200px" valign="top">
<table border="1" width="210px">
<tr><td><a href="administrator_of_the_site.asp">Control Panel</a></td></tr>
<tr><td><a href="administrator_of_the_site.asp?pg=users">User inf</a></td></tr>
<tr><td><a href="administrator_of_the_site.asp?pg=addproductform">Add
Product</a></td></tr>
<tr><td><a href="administrator_of_the_site.asp?pg=updatedelete">Update Or Delete
Products</a></td></tr>
<tr><td><a href="administrator_of_the_site.asp?pg=order">Show or Edit
Orders</a></td></tr>
</table>
</td>
<td width="79%" valign="top">
<%select case request.QueryString("pg")
    case "users"
        set conn=server.CreateObject("ADODB.Connection")
        conn.open "cosmetic"

```

```

sql="select * from usertbl"
set rs=conn.execute(sql)
%>
<table border="1" bordercolordark="#666666" bordercolorlight="#CCCCCC"
bgcolor="#CCCCCC">
  <tr>
    <td>Name
  </td>
    <td>Surname
  </td>
    <td>Username
  </td>
    <td>Password
  </td>
    <td>Credit Card Number
  </td>
    <td>Credit Card Expires
  </td>
    <td>Credit Card Owner Name
  </td>
    <td>Adres
  </td>
    <td>City
  </td>
    <td>Country
  </td>
    <td>E-Mail
  </td>
    <td>Delete User
  </td>
  </tr>
  <%while not rs.eof%>
    <tr>
      <td><%=rs("name")%></td>

```

```

<td><%=rs("surname")%></td>
<td><%=rs("username")%></td>
<td><%=rs("password")%></td>
<td><%=rs("cc_number")%></td>
<td><%=rs("cc_expires")%></td>
<td><%=rs("cc_name")%></td>
<td><%=rs("address")%></td>
<td><%=rs("city")%></td>
<td><%=rs("country")%></td>
<td><%=rs("email")%></td>
<td><a

```

```

href="administrator_of_the_site.asp?pg=delete&username=<%=rs("username")%>">Click</a></td>

```

```

</tr>

```

```

<%rs.movenext

```

```

wend%>

```

```

</table>

```

```

<%'Kullanıcı silme

```

```

case "delete"

```

```

set conn=server.CreateObject("ADODB.Connection")

```

```

conn.open "cosmetic"

```

```

username=request.querystring("username")

```

```

delsql="Delete * from usertbl where username='"&username&'"

```

```

conn.execute(delsql)

```

```

conn.close

```

```

set conn=nothing

```

```

%><p align="center">The user:<%=username%> is deleted...</p>

```

```

<%'Ürün Ekleme

```

```

case "addproductform"%>

```

```

<form method="post" action="administrator_of_the_site.asp?pg=addposted">

```

```

<table width="400px" border="1" bgcolor="#999999">

```

```

<tr>

```

```

<td width="32%">Product Name:</td>

```

```

<td width="68%"><input type="text" name="Product_name" maxlength="20"> </td>

```



```

</tr>
<tr>
  <td>Product Price:</td>
  <td><input type="text" name="Product_price" maxlength="20"></td>
</tr>
<tr>
  <td>Product Category:</td>
  <td><input type="text" name="Product_category" maxlength="20"></td>
</tr>
<tr>
  <td>Product Picture:</td>
  <td><input type="text" name="Product_picture" maxlength="40"></td>
</tr>
<tr>
  <td>Product Brief Description:</td>
  <td><input type="text" name="product_briefdesc" maxlength="100"></td>
</tr>
<tr>
  <td valign="top">Product Full Description:</td>
  <td><textarea name="product_fulldesc" cols="50" rows="6"></textarea></td>
</tr>
<tr>
  <td>Product Status:</td>
  <td><select name="productstatus">
    <option value="0">Inactive
    <option value="1">Active
  </select>
  </td>
</tr>
<tr>
  <td>Product Quantity:</td>
  <td><input type="text" name="product_quantity" maxlength="15"></td>
</tr>
<tr>

```

```

        <td colspan="2" align="center"><input type="submit" value="Add
"></td>
    </tr>
</table>
</form>
<% 'Ürün Ekleme
    case "addposted"%>
        <!--#include virtual="/melek/adm/common.asp"-->
        <% Product_name=fixingtexts(trim(request.Form("Product_name")))
            Product_price=fixingcurrency(trim(request.Form("Product_price")))
            Product_category=fixingtexts(trim(request.Form("Product_category")))
            Product_picture=fixingtexts(trim(request.Form("Product_picture")))
            product_briefdesc=fixingtexts(trim(request.Form("product_briefdesc")))
            product_fulldesc=fixingtexts(trim(request.Form("product_fulldesc")))
            product_status=cint(request("productstatus"))
            product_quantity=fixingquantity(trim(request.Form("product_quantity")))
            set conn=server.CreateObject("ADODB.Connection")
            conn.open "cosmetic"
            insql="insert into
product(Product_name,Product_price,Product_category,Product_picture,product_briefdesc,pr
oduct_fulldesc,product_status,product_quantity) values
('"&Product_name&"','"&Product_price&"','"&Product_category&"','"&Product_picture&"','
&product_briefdesc&"','"&product_fulldesc&"','"&product_status&"','"&product_quantity&"
)"
            conn.execute(insql)
            conn.close
            set conn=nothing
            %><p align="center">The Product:<%=product_name%> is added to database</p>

<%case "updatedelete"
    set conn=server.CreateObject("ADODB.Connection")
    conn.open "cosmetic"
    sql="select * from product order by product_id desc "
    set rs=conn.execute(sql)

```

%>

```
<table border="1" bordercolordark="#666666" bordercolorlight="#CCCCCC"
bgcolor="#CCCCCC">
```

```
<tr>
```

```
<td>Product_Name
```

```
</td>
```

```
<td>Product_price
```

```
</td>
```

```
<td>Product_category
```

```
</td>
```

```
<td>Product_picture
```

```
</td>
```

```
<td>Product_briefdesc
```

```
</td>
```

```
<td width="200px">Product_fulldesc
```

```
</td>
```

```
<td>Product_status
```

```
</td>
```

```
<td>Product_quantity
```

```
</td>
```

```
<td>Delete Product
```

```
</td>
```

```
<td>Update Product
```

```
</td>
```

```
</tr>
```

```
<%while not rs.eof%>
```

```
<tr>
```

```
<td><%=rs("Product_Name")%></td>
```

```
<td><%=rs("Product_price")%></td>
```

```
<td><%=rs("Product_category")%></td>
```

```
<td><%=rs("Product_picture")%></td>
```

```
<td><%=rs("Product_briefdesc")%></td>
```

```
<td><%=rs("Product_fulldesc")%></td>
```

```
<td><%=rs("Product_status")%></td>
```

```

        <td><%=rs("Product_quantity")%></td>
        <td><a
href="administrator_of_the_site.asp?pg=deleteproduct&prdid=<%=rs("product_id")%>">Click</a></td>

        <td><a
href="administrator_of_the_site.asp?pg=updateproduct&prdid=<%=rs("product_id")%>">Click</a></td>

    </tr>

    <%=rs.movenext
wend%>

</table>

<%=case "updateproduct"
    prdid=request.QueryString("prdid")
    set conn=server.CreateObject("ADODB.Connection")
    conn.open "cosmetic"
    sql="select * from product where product_id=" & prdid
    set rs=conn.execute(sql)
    %>

<form method="post"
action="administrator_of_the_site.asp?pg=updateproductinf&prdid=<%=prdid%>">
    <table width="400px" border="1" bgcolor="#999999">
        <tr>
            <td width="32%">Product Name:</td>
            <td width="68%"><input type="text" name="Product_name" maxlength="20"
value="<%=rs("product_name")%>"> </td>
        </tr>
        <tr>
            <td>Product Price:</td>
            <td><input type="text" name="Product_price" maxlength="20"
value="<%=rs("product_price")%>"></td>
        </tr>
        <tr>
            <td>Product Category:</td>

```



```

        <td><input type="text" name="Product_category" maxlength="20"
value="<%=rs("product_category")%>"></td>
    </tr>
    <tr>
        <td>Product Picture:</td>
        <td><input type="text" name="Product_picture" maxlength="40"
value="<%=rs("product_picture")%>"></td>
    </tr>
    <tr>
        <td>Product Brief Description:</td>
        <td><input type="text" name="product_briefdesc" maxlength="100"
value="<%=rs("product_briefdesc")%>"></td>
    </tr>
    <tr>
        <td valign="top">Product Full Description:</td>
        <td><textarea name="product_fulldesc" cols="50"
rows="6"><%=rs("product_fulldesc")%></textarea></td>
    </tr>
    <tr>
        <td>Product Status:</td>
        <td><select name="productstatus">
            <%if rs("product_status")=0 then%>
                <option value="0" selected>Inactive
                <option value="1" >Active
            <%else%>
                <option value="0">Inactive
                <option value="1" selected>Active
            <%end if%>
        </select>
    </td>
    </tr>
    <tr>
        <td>Product Quantity:</td>

```

```

        <td><input type="text" name="product_quantity" maxlength="15"
value="<%rs("product_quantity")%>"></td>
    </tr>
    <tr>
        <td colspan="2" align="center"><input type="submit" value="Update
"></td>
    </tr>
</table>
</form>
<% rs.close
    set rs=nothing
    conn.close
        set conn=nothing
    case "updateproductinf" %>
<!--#Include virtual="/melek/adm/common.asp"-->
<% prdid=request.QueryString("prdid")
    Product_name=fixingtexts(trim(request.Form("Product_name")))
    Product_price=fixingcurrency(trim(request.Form("Product_price")))
    Product_category=fixingtexts(trim(request.Form("Product_category")))
    Product_picture=fixingtexts(trim(request.Form("Product_picture")))
    product_briefdesc=fixingtexts(trim(request.Form("product_briefdesc")))
    product_fulldesc=fixingtexts(trim(request.Form("product_fulldesc")))
    product_status=cint(request("productstatus"))
    product_quantity=fixingquantity(trim(request.Form("product_quantity")))
    set conn=server.CreateObject("ADODB.Connection")
    conn.Provider = "Microsoft.JET.OLEDB.4.0"
    Conn.ConnectionString = server.MapPath("../DB/info.mdb")
    conn.open
    set Rs = server.CreateObject("ADODB.Recordset")
SQL = "SELECT * FROM product where product_id=" & prdid
Rs.Open SQL,Conn,1,3
    rs("product_name")=product_name
    rs("product_price")=product_price
    rs("product_category")=product_category

```

```

rs("product_picture")=product_picture
rs("product_briefdesc")=product_briefdesc
rs("product_fulldesc")=product_fulldesc
rs("product_status")=product_status
rs("product_quantity")=product_quantity
rs.update
%>

<p align="center">The Product is updated</p>
<% rs.close
set rs=nothing
conn.close

set conn=nothing
case "deleteproduct"
prdid=request.QueryString("prdid")
set conn=server.CreateObject("ADODB.Connection")
conn.open "cosmetic"
sql="delete * from product where product_id=" & prdid
conn.execute(sql)%>

<p align="center">The Product is Deleted</p>
<%conn.close
set conn=nothing

case "order"
dim NewConn
set NewConn = server.CreateObject("ADODB.Connection")
NewConn.Provider = "Microsoft.Jet.OLEDB.4.0"
NewConn.ConnectionString = server.MapPath("/DB/info.mdb")
NewConn.Open

%>

<table border="1" align="center" bgcolor="#FFCCFF">
    <tr>
        <th>Order ID</th>

```

```

        <th>Product Name</th>
        <th>Product Price</th>
        <th>Order Date</th>
        <th>Order Quantity</th>
        <th>Order Price</th>
        <th>Order Shipdate</th>
        <th>Status</th>
        <th>Change Status</th>
        <th>User Id</th>
    </tr>
    <%
        dim RS80
        set RS80 = server.CreateObject("ADODB.Recordset")
        SQL = "SELECT * FROM orders INNER JOIN product
ON orders.order_productid=product.product_id order by orders.order_id"
        RS80.Open SQL, NewConn, 1, 1
        do while not RS80.EOF
            <%>
            <tr>
                <td><%=RS80("order_id")%></td>
                <td><%=RS80("product_name")%></td>
                <td><%=RS80("product_price")%></td>

                <td><%=RS80("order_entrydate")%></td>
                <td><%=RS80("order_quantity")%></td>

                <td><%=formatcurrency((RS80("order_quantity")*RS80("product_price")))%></td>
                <td><%=RS80("order_shipdate")%></td>
                <td><%=RS80("order_status")%></td>
                <td><a
href="?pg=chgstat&id=<%=RS80("order_id")%>">Change Status</a></td>
                <td><%=RS80("order_userid")%></td>
            </tr>
            <%

```



```

        RS80.MoveNext
    loop

    Rs80.close
    set RS80 = nothing
    NewConn.close
    set NewConn = nothing

%>

</table>

<%

    case "chgstat"
        set NewConn = server.CreateObject("ADODB.Connection")
        NewConn.Provider = "Microsoft.Jet.OLEDB.4.0"
        NewConn.ConnectionString = server.MapPath("/DB/info.mdb")
        NewConn.Open
        set RS80 = server.CreateObject("ADODB.Recordset")
        SQL = "SELECT * FROM orders WHERE order_id=" &
request.QueryString("id")
        RS80.Open SQL, NewConn, 1, 3
        RS80("order_shipdate") = now
        RS80("order_status") = 1
        RS80.update
        SQLUPDATE="update product set product_quantity=product_quantity-" &
RS80("order_quantity")
        newconn.execute(SQLUPDATE)
        rs80.close
        set rs80=nothing
        newconn.close
        set newconn=nothing
        response.Redirect("?pg=order")

    end select

%>

```

```
</td>
</tr>
</table>
</body>
</html>
```

Common.asp

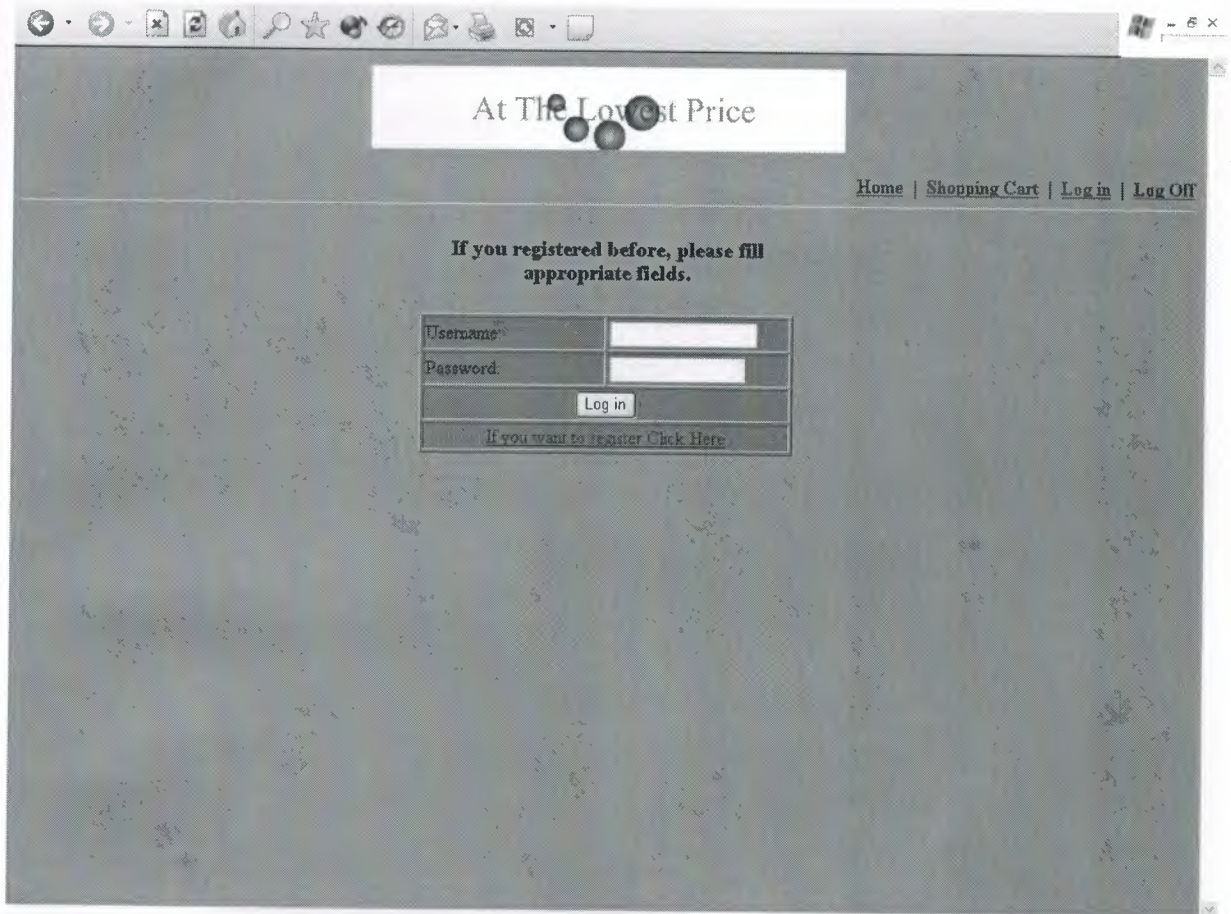
```
<%
function fixingtexts(x)
if x="" then
  x="?????"
end if
fixingtexts=x
end function
function fixingcurrency(x)
if x="" then
  x=0
  x=ccur(x)
end if
fixingcurrency=x
end function
function fixingquantity(x)
if x="" then
  x=0
  x=cint(x)
end if
fixingquantity=x
end function
%>
```

8.2 Figures

8.2.1 Default.asp



8.2.2 User_entry.asp



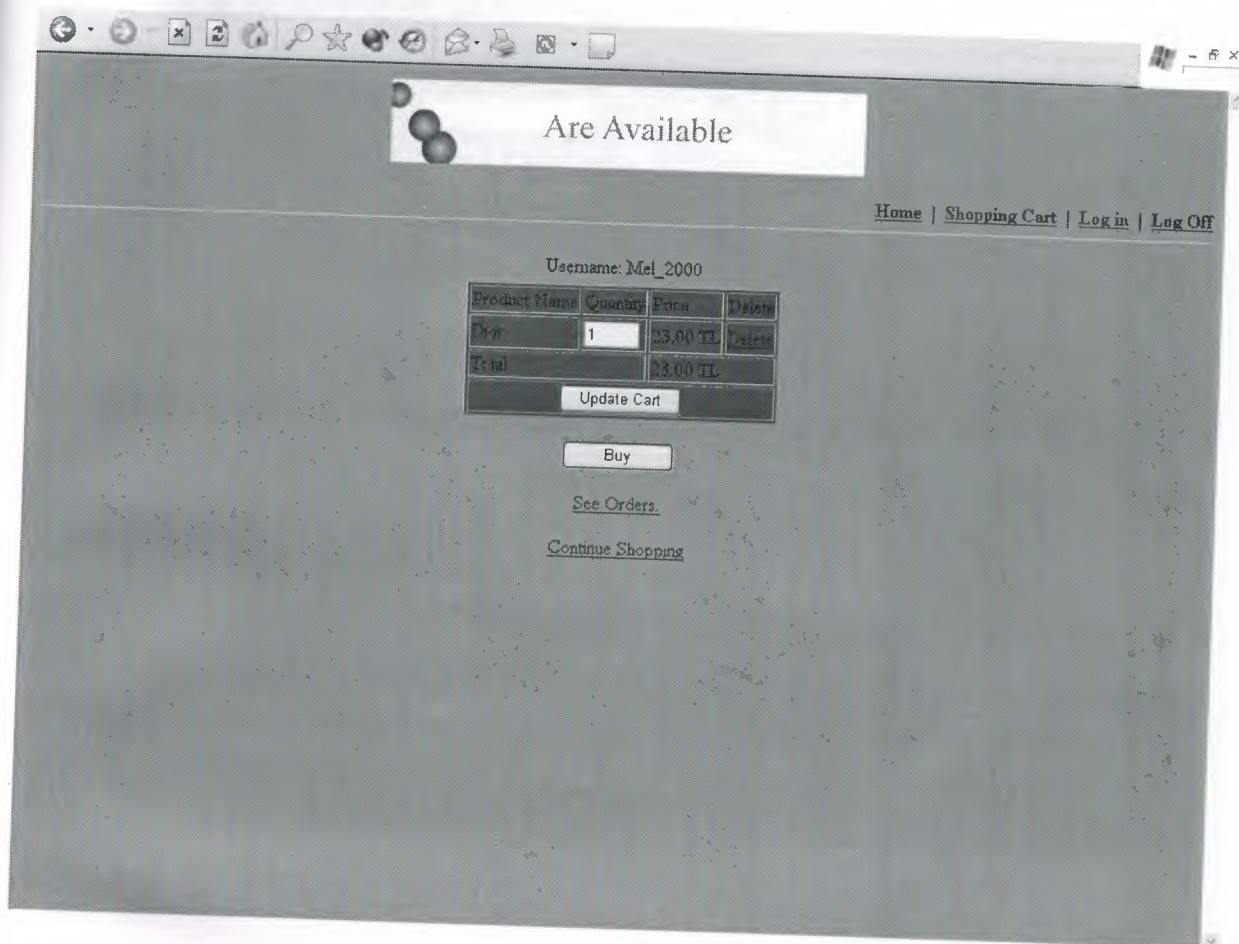
At The Lowest Price

[Home](#) | [Shopping Cart](#) | [Log in](#) | [Log Off](#)

If you registered before, please fill appropriate fields.

Username:	<input type="text"/>
Password:	<input type="password"/>
<input type="button" value="Log in"/>	
If you want to register Click Here	

8.2.3 Cart.asp



8.2.4 Administrator_of_the_site.asp

The screenshot shows a web browser window displaying the 'Administrator_of_the_site.asp' page. The browser's address bar and toolbar are visible at the top. The page has a dark background with a light-colored sidebar on the left containing a menu with the following items: 'Control Panel', 'General', 'Add Product', 'Update Or Delete Product', and 'Show Or Edit Orders'. The main content area is a form for adding a new product. The form fields are as follows:

Product Name:	<input type="text"/>
Product Price:	<input type="text"/>
Product Category:	<input type="text"/>
Product Picture:	<input type="text"/>
Product Brief Description:	<input type="text"/>
Product Full Description:	<input type="text"/>
Product Status:	<input type="text" value="Inactive"/>
Product Quantity:	<input type="text"/>

At the bottom of the form is an 'Add' button.

At The Lowest Price

[Home](#) | [Shopping Cart](#) | [Log in](#) | [Log Off](#)

Please fill the form below to be a member

Name:	<input type="text"/>
Surname:	<input type="text"/>
Username:	<input type="text"/>
Password:	<input type="password"/>
Re-type password:	<input type="password"/>
E-mail:	<input type="text"/>
<input type="button" value="Register"/>	