

## **COMAS(Content Management System)**

## A THESIS SUBMITTED TO THE INSTITUTE OF SCIENCE OF

# THE UNIVERSITY OF HALİÇ BY MURAT ÇATAL

**ISTANBUL, FEBRUARY 2006** 

© Bu projenin bütün hakları Haliç Üniversitesi Bilgisayar Mühendisliği Bölümü'ne aittir.

#### PREFACE

Computers are one of the essentials of our life. Data is being evaluated more swift, more reliable and productive. In every area in order to get speed to make decisions, processing data flow and documentation we come against with computers. These days another developing field of computer system is Internet. It is very easy to get information and data from wherever you are in the world by Internet. It is very usual to use the Internet.

After arising of Internet, we came across another concepts "Content Management System (CMS)". CMS is an important tool for the site owners. Because, After the initial implementation by CMS Admin, the site owners can easily manage, update and maintain the site. CMS is built to administer and publish mid to large sized web sites, corporate and vertical portals.

In computing, a content management system (CMS) is a system used to organize and facilitate collaborative creation of documents and other content. A CMS is frequently a web application used for managing websites and web content, though in many cases, content management systems require special client software for editing and constructing articles.

In this project, I aim to enable users to manage, update, maintain, publish their sites over Internet.

I want to thank to manager of my project Mr. Prof. Dr. Ali Okatan for guiding and her precious suggestions during the development steps of the project.

#### ABSTRACT

In this thesis, I aim to enable users to manage, update, maintain, publish their sites over Internet. .

In this project, I planned to supply oppurtunities for the owners of the Internet site such as easy and quick implementation, modular and elastic structure, powerful technology, easily management of websites and web content, adding new modules, user-friendly interfaces, region&boxes system.

This is a software application that makes it possible for non-technical users to publish content to a website.

In the development duration of the project, I determined the alternatives and chosen one of them by caring of efficiency, compatibility and usefulness. According to this, I decided to use ASP.NET as web programming style, VB.NET and JavaScript as scripting languages, Microsoft Office Access as database management system, Windows 2000 server operating system and Internet Information Server in the ASP.NET development duration.

## ÖZET

Tezde, son kullanıcıya kendi sitelerini yönetebilme, güncelleyebilme, bakım yapabilme ve yayınlayabilme imkanı verecek içerik yönetim sistemi oluşturmayı amaçlandı.

Projede, kolay ve çabuk uygulama, moduler ve elastik yapı, güçlü teknoloji, web sitelerini ve web içeriğini kolay yönetme, yeni modüller ekleme, kullanıcı dostu ortamlar ve bölge&kutu sistemi gibi bir çok etken ile, sistem sahiplerine önemli imkanların sunulması hedeflenmiştir.

İçerik yönetim sistemi, teknik olmayan kullanıcılara site içeriği yönetme olanağı sağlayan bir yazılım uygulamasıdır.

Proje yapımında, gerekli fizibilite çalışmaları yapılarak, kullanılacak teknolojiler belirlenmiştir. Uygulama geliştirme platformu olarak ASP.NET, programlama dili olarak VB.NET, veritabanı olarak Microsoft Office Access, işletim sistemi olarak Windows 2000 Server ve sunucu olarak ISS kullanılmasına karar verilmiştir. XML Web Service, XML, XSLT, HTML, DHTML ve daha bir çok teknoloji proje yapımında kullanılmıştır.

#### **1. INTRODUCTION**

With this project it is aimed to administer and publish mid to large sized web sites, corporate and vertical portals online. This project is called as COMAS(Content Management System)

COMAS is built to administer and publish mid to large sized web sites, corporate and vertical portals. After the initial implementation by COMAS Admin, the site owners can easily manage, update and maintain the site.

COMAS has been developed with VB.Net and its powerful architecture. N-tier architecture has been used with presentation, process and database layers.

#### Features :

- Easy and quick implementation
- Modular and elastic structure allows updates and developments
- With its parametric structure, it can be customized to fulfill various needs
- Powerful technology. COMAS has been developed with Microsoft.NET technology.
- Allows complete control over websites and intranets
- Eliminates dependency on third parties to manage your site
- New modules can be easily integrated
- No software other than a web browser is needed.
- Every internet user can easily use COMAS, no specific knowledge is required
- System can be easily managed
- Permission wizards allow many administrators with specific permissions
- Oracle, SQL Server, MS Access, MySQL databases are supported
- Region and Content Box system allows full control over every page.

#### **Basic Components**

COMAS Content Management System includes the following basic modules:

- Homepage Management: Most of the websites have a special cover page and then a template for interior pages. With this assumption, the home page management and interior page management has been separated and homepage has its unique template.
- Interior Pages Management: This component is used to take the full control over all the interior pages of the site. Picture Management: Picture management allows users to resize the pictures, rotate them and also write text on them. With this component, the small edits to the pictures are done on the fly without using any custom image processing software.
- User Management: A web site can be management by more than one webmaster. To allow multi admin feature, a user management section with permission management is added.
- **Permission Management:** This module is used to set the permissions of the administrators. All the tasks in COMAS can be restricted or granted access via this component.
- **Box Management:** COMAS content management system is based on regions and boxes which will be explained in detail in the next sections. Box management is used to create boxes and modify predefined boxes.

## Modules

COMAS's modular structure allows development of custom components according to various needs. With the addition of new modules, the web site or the portal contains all the

features and functions you need. For example, a Poll module can be added to COMAS and from the administration panel you can add, delete or view the results. Below are some modules already developed :

- Announcement and news module
- Poll Module
- FAQ Module
- E-Support Module
- Membership Module
- Article Management Module

## **Daily Menu for Meals Module**

COMAS continuously can be updated for new modules and custom modules are easily and quickly can be developed specific to any needs.

#### **Region and Box System**

COMAS, different from many content management systems, uses two concepts Regions and Boxes to allow the management of content with as much flexibility as possible.

Homepage and Interiors pages' templates are divided into regions link the column in a newspaper. However, the regions do not have to be vertical, horizontal regions can also be created.

Boxes are the content units added to the regions. Each box has its own design and content can be entered into it very easily. Unlimited number of boxes can be added to a region and unlimited types of boxes can be created. The usage of boxes ensures the consistency of the look of content within the site. Regions are formed while setting up the initial site. The following example shows 4 regions;



Figure 1 A template with 4 regions

Boxes can be created later but COMAS Admin creates the initial boxes when implementing the system. Boxes can have different types like a paragraph, a table, a table with a picture and so on. COMAS Admin also creates boxes for the modules it creates for you to add it to any page you want (ex: For the user module, a login box is created to be used anywhere within the site)

About Us	
Our Company	
Mission	
Vision	
History	
The Team	



As will be explained in details in the following pages it is agreed to use ASP.NET for web programming language, VB.NET and JavaScript for scripting language and Microsoft Office Access as being the database management system.

ASP.NET pages are interactive pages that run in the web browser and which create active web pages and send those pages to the online clients' browsers by means of the embedded scripts they have.

ASP.NET is a programming framework built on the common language runtime that can be used on a server to build powerful Web applications. ASP.NET offers several important advantages over previous Web development models:

ASP.NET is compiled common language runtime code running on the server. Unlike its interpreted predecessors, ASP.NET can take advantage of early binding, just-in-time compilation, native optimization, and caching services right out of the box. This amounts to dramatically better performance before you ever write a line of code.

The ASP.NET framework is complemented by a rich toolbox and designer in the Visual Studio integrated development environment. WYSIWYG editing, drag-and-drop server controls, and automatic deployment are just a few of the features this powerful tool provides.

Because ASP.NET is based on the common language runtime, the power and flexibility of that entire platform is available to Web application developers. The .NET Framework class library, Messaging, and Data Access solutions are all seamlessly accessible from the Web. ASP.NET is also language-independent, so you can choose the language that best applies to your application or partition your application across many languages. Further, common language runtime interoperability guarantees that your existing investment in COMbased development is preserved when migrating to ASP.NET.

ASP.NET makes it easy to perform common tasks, from simple form submission and client authentication to deployment and site configuration. For example, the ASP.NET page framework allows you to build user interfaces that cleanly separate application logic from presentation code and to handle events in a simple, Visual Basic - like forms processing model. Additionally, the common language runtime simplifies development, with managed code services such as automatic reference counting and garbage collection.

ASP.NET employs a text-based, hierarchical configuration system, which simplifies applying settings to your server environment and Web applications. Because configuration information is stored as plain text, new settings may be applied without the aid of local administration tools. This "zero local administration" philosophy extends to deploying ASP.NET Framework applications as well. An ASP.NET Framework application is deployed to a server simply by copying the necessary files to the server. No server restart is required, even to deploy or replace running compiled code.

ASP.NET has been designed with scalability in mind, with features specifically tailored to improve performance in clustered and multiprocessor environments. Further, processes are closely monitored and managed by the ASP.NET runtime, so that if one misbehaves (leaks, deadlocks), a new process can be created in its place, which helps keep your application constantly available to handle requests.

ASP.NET delivers a well-factored architecture that allows developers to "plug-in" their code at the appropriate level. In fact, it is possible to extend or replace any subcomponent of the ASP.NET runtime with your own custom-written component. Implementing custom authentication or state services has never been easier.

With built in Windows authentication and per-application configuration, you can be assured that your applications are secure.

## 2. INITIAL RESEARCH

Firstly, I examined several web Pages, content management systems for project. After I finished my investigation, I determined the most used modules.

This modules :

- Announcement and news module
- Poll Module
- FAQ Module
- E-Support Module
- Membership Module
- Article Management Module
- Picture Management Module
- Food List Management Module

At this stage the aim is to get knowledge about the system to be studied on and to define the concept of the project.

#### 2.1. The Description Of the Content Management System

As this project is a content management system application, I believed that it will be useful to describe the content management system concepts.

## CMS

In computing, a content management system (CMS) is a system used to organize and facilitate collaborative creation of documents and other content. A CMS is frequently a web application used for managing websites and web content, though in many cases, content management systems require special client software for editing and constructing articles.

This is a software application that makes it possible for non-technical users to publish content to a website.

A CMS serves as a store for a wide range of information assets, including text, image databases and so on. Information loaded into the system can be structured and output in a number of different ways. In some instances, for example, a piece of content may appear in two different places on a site.

A CMS can be reasonably simple or very complex. There is a wide range of CMS products available, developed by providers such as Microsoft, the open source community and small development companies. Choosing the right CMS can be an important decision for your organization.

#### Functionality

CMSs allow end-users (typically authors of some sort) to provide new content in the form of articles. The articles are typically entered as plain text, perhaps with markup to indicate where other resources (such as pictures) should be placed. The system then uses rules to style the article, separating the display from the content, which has a number of advantages when trying to get many articles to conform to a consistent "look and feel". The system then adds the articles to a larger collection for publishing.

The systems also often include some sort of concept of the workflow for the target users, which defines how the new content is to be routed around the system.

A good example would be a system for managing a newspaper. In such a system the reporters write articles in the system, which stores them in a database. Along with the article the system stores attributes, including keywords, the date and time of filing, the reporter's name, etc. The system then uses these attributes to find out—given its workflow rules—who should proofread the article, approve it for publication, edit it, etc. Later the editors can

choose which articles to include (or ignore) in an edition of the newspaper, which is then laid out and printed automatically.

More recently the term has been associated almost entirely with programs for editing web sites. Such systems span a wide variety of needs, from small systems with almost no workflow for small user-groups, to large database-based systems for running large, very active web sites such as those for a newspaper or international corporation.

A simple content management system that has seen wide use is the Wiki (or WikiWiki). Wikipedia is based on this concept, where software includes logic that allows authors (often including anonymous users) to edit the content of the site online. When the user has completed making changes, the wiki software tracks what changes you have made and updates the page. Wikis also allow more than one person to edit the target page at the same time, solving simultaneous write conflicts as they arise.

## Features

Typical features include:

- Online authoring / change approval
- WYSIWYG editing
- Workflow including a review and publishing process
- Session and user management
- Indexing and Searching
- Object Storage
- Templating
- Image and URL management

#### **Types of CMS**

There are several types of content management systems:

Web CMS (WCMS) assists an organization in automating various aspects of web content creation, content management and delivery. Delivery to the web is its primary format, but many WCM systems also deliver to wireless devices.

**Transactional management system or Transactional CMS (TCMS)** assists an organization to manage e-commerce transactions.

**Integrated CMS (ICMS)** assists an organization in managing enterprise documents and content.

**Publication CMS (PCMS)** assists an organization in managing the publications (manuals, books, help) content life cycle.

**Learning CMS (LCMS)** or managed learning environment (MLE) assists an organization in managing the web-based learning content life cycle.

**Enterprise CMS (ECMS)** vary in their functionality. Some support both the web and publications content life cycle, while others support the web content life cycle and either transactional content or customer relationship management content.

Content management systems can also be classified by where and how the software is installed:

A traditional CMS is usually provided on a compact disc or is downloadable from the web and must be installed and configured on a server. Most CMSs nowadays are available in this format. It is beneficial because it can 'plug in' to an existing system, but may be a hinderance because it requires a great amount of system administration.

An ASP CMS is provided via an application service provider. This means you do not need to install it on a server. Most webmails are provisioned via ASP and the first CMS available via ASP was Yahoo! GeoCities. This example is fitting because historically most tools which use ASP are either ad-based or aimed at children. However companies have been provisioning enterprise Content Management Systems to the professional and enterprise markets for some years now.

A deployed CMS is simply an ASP solution which is installed within an intranet or a user's own enviroment.

In CMS projects, the most used modules are listed like below:

- Weather Online
- Blog
- Site Log
- Search Engine Optimization
- User Defined Table
- Skin Objects
- Scoreboards
- Data Viewing, Charting, Reporting Tools
- CSS Tools
- Multi Page Content
- Gallery
- Documents
- HTML Tools
- Text Box
- Utility
- Search
- Announcements, Articles, News
- Forum

- Menu/Navigation
- Comics
- Advertising/Vendors
- FAQs
- Scheduler
- Links
- Multi-language/Localizations
- Registration
- Content Management
- RSS/Remote Content
- Events/Calendar
- Photo Album
- Games
- Review
- User Accounts
- Container Generator
- Webcam
- Quotes
- Contacts
- WAP
- Form Creation/Feedback
- Help Desk Management
- Maps
- Editor Provider

- WIKI
- Media Players
- Chat
- Guestbook
- Snippets
- Clock/Time
- Upload/Download
- Security
- Site Optimization
- Subscription Tools
- User Customization
- Tasks
- IFrame
- PDF Creation
- Podcast Creation/Syndicating
- PayPal
- Accounting/Project Management

Content Management, also known as CM, is a set of processes and technologies supporting the evolutionary life cycle of digital information. This digital information is often referred to as content or, to be precise, digital content.

This digital content life cycle consists of six primary states: create, update, publish, translate, archive and retire. For example, an instance of digital content is created by one or more authors. Over time that content may be edited. One or more individuals may provide

some editorial oversight thereby approving the content for publication. Once published that content may be superseded by another form of content and thus retired or removed from use.

Content management is an inherently collaborative process. The process consists of the following basic roles and responsibilities:

- Content Author responsible for creating and editing content.
- Editor responsible for tuning the content message and the style of delivery.
- Publisher responsible for releasing the content for consumption.
- Administrator responsible for managing the release of the content ultimately placing it into a repository so that it can be found and consumed.

A critical aspect of content management is the ability to manage versions of content as it evolves. Authors and editors often need to restore older versions of edited products due to a process failure or an undesirable series of edits.

A content management system is a set of automated processes that support the following features:

- Identification of all key users and their roles
- The ability to assign roles and responsibilities to different instances of content categories or types.
- Definition of workflow tasks often coupled with messaging so that content managers are alerted to changes in content.
- The ability to track and manage multiple versions of a single instance of content.
- The ability to publish the content to a repository in order to support the consumption of the content.

Content management systems take the following forms:

- a web content management system is software for web site management which is often what is implicitly meant by this term
- the work of a newspaper editorial staff organization
- a workflow for article publication
- a document management system
- a single source content management system where content is stored in chunks, within a relational database.

## **CMS** Timeline

- 1970's Mainframe CM and ElectronicPublishing Repository
- Atex Separation, Repository
- 1977 PersonalComputer, TextInterface
- 1980's
- 1982 GraphicalInterface, Xerox Parc Star, Apple Lisa WYSIWYG
- 1984 Apple Macintosh, MacWrite, MacPublisher
- 1985 PageMaker, Interleaf
- 1985 FileNet introduces Visual Workflo Workflow
- 1986 Quark Xpress
- 1990's
- 1992 Lotus Notes
- 1993 Mosaic Graphical Browser
- 1994 SoftQuad HoTMetaL Pro
- 1995 Vermeer Technologies FrontPage
- 1995 Apache WebServer

- 1995 Interleaf Cyberleaf Internet Publishing SingleSourcePublishing
- 1995 CNET PRISM (a patented web content management system and page generation system) Personalization
- Macromedia Dreamweaver
- 1996, July. Vignette acquires CNET PRISM, integrates into StoryBuilder? and StoryServer? Web Content Management System (NewMedia Hyper Award, January 1997)
- 1996, September. SoftQuad announces HotMetaL Intranet Publisher (IBM RS/6000)
- 1996, October. Documentum announces RightSite Industrial-Strength Web Content Management
- 1996, November. FutureTense Texture Web Publishing System (required Javacompatible browser)
- 1996 eBT Dynabase "XML-based web content management and publishing platform" (USWeb)
- 1996, December. Inso Electronic Publishing Systems (acquires DynaBase, DynaText, DynaWeb)
- 1997 Macromedia Dreamweaver, Adobe GoLive
- 1997 Interwoven TeamSite VersionControl
- 1998 Future Tense Content Server
- 1998 TYPO3, later an open-source CMS
- 1999
- 2000 UDDI introduced by Microsoft and IBM.
- 2001 Broadvision buys Interleaf Bladerunner.
- 2001 Open Market buys Future Tense Content Server.

- 2002 FileNet acquires eGrail WCM system.
- 2002, October TikiWiki open-source CMS
- 2002 divine acquires Open Market and Content Server.
- 2002 ASP.NET
- 2003 Red Hat acquires Ars Digita ACS.
- 2003 FatWire acquires divine Content Server.
- 2004 ASP.NET
- 2005 ASP.NET

## 2.2. Information of Organization

I worked with MHZ Software Company was established in Istanbul, Fatih in 2000 for selling computer parts and software applications, setting networks. MHZ Software Company want to CMS project to develop and manage their projects.

## 2.3. The Structure of the Existing System

The computers are used in the company has these features ;

Pentium III 450 MHz CPU

256 MB ram

20 GB hard disc

56 K fax-modem

Microsoft Windows 2000 pro operating system

Microsoft Office 2000 office tool

#### **3. FEASIBILITY**

At this stage the aim is to reveal the alternative solutions and to choose among them the most appropriate one throughout the implementation progress of the project. Feasibility can be examined in three stages; technical, economical and functional feasibility. In technical feasibility I described the requirements of the system. Which kind of hardware should I use. Economical feasibility is defined to specify the economical cost of the system. Functional feasibility is defined to specify the applicational specification of the system.

#### **3.1. Technical Feasibility**

In technical feasibility the aim is to identify the software and hardware alternatives, which can be used throughout the project implementation progress.

#### **3.1.1.** Determining the Software Tools To Be Used In the System

At this stage, the alternative software tools those can be used throughout the project implementation progress has been investigated, compared, and among them the most appropriate alternatives are chosen.

#### 3.1.1.1. Database Management System Alternatives and Election One Among Them

#### 3.1.1.1.1. MSSQL Server

This software runs Windows-based. Especially with the last releases it has been usable for all types of web-based applications. It is considerably successful in source usage. It can easily supply certain amounts of database needs. Microsoft implemented this system to run integrated with ASP.NET . Its interface is considerably useful and comparing to other softwares it is easier to find and train perfect staff about the application development subject.

#### 3.1.1.1.2. MS Access

This software runs Windows-based. Comparing to SQL its usage is easier. It is useful for smaller database applications. There is no need to have any other server software because it runes with file access system. It is cheaper and learning it takes considerably shorter to learn in comparison with SQL. It is successful in source usage. But weaker in security comparing to SQL. It is really easy to find staff due to the shortness of the training duration.

#### 3.1.1.1.3. ORACLE

Oracle database systems are platform independent. It may be stated that these systems are safer and stable in comparison with Windows based database applications. Oracle, can easily sustain the complicated structured integrated systems. The rate of finding perfect staff comparing to windows based applications is lower.

#### 3.1.1.1.4. MYSQL

This database software is only used in Unix and Linux systems. It is optimized for the aim of Web application development. It has a perfect integration with PHP and Perl. Having a great stable structure, MYSQL serves a very easy usage for big scale database applications. Its interface is not so useful. Running with Microsoft ODBC there can be met with some problems.

Consequently regarding these criteria it is decided to implement the system's windows based database by using MS Access. But Project can support Oracle, SQL Server and MySql database by changing some features.

#### 3.1.1.2. Scripting Language Alternatives and Election One Among Them

Unlike classic ASP, which supports only interpreted VBScript and JavaScript, ASP.NET now supports more than 25 .NET languages (including built-in support for VB.NET, C#, and JScript.NET -- no tool required), giving you unprecedented flexibility in your choice of language.

C# is a simple, modern, object oriented, and type-safe programming language derived from C and C++. It will immediately be familiar to C and C++ programmers. C# aims to combine the high productivity of Visual Basic and the raw power of C++.

C# is provided as part of Microsoft Visual Studio 7.0. In addition to C#, Visual Studio supports Visual Basic, Visual C++, and the scripting languages VBScript and JScript. All of these languages provide access to the Microsoft .NET platform, which includes a common execution engine and a rich class library. The Microsoft .NET platform defines a "Common Language Specification" (CLS), a sort of lingua franca that ensures seamless interoperability between CLS-compliant languages and class libraries. For C# developers, this means that even though C# is a new language, it has complete access to the same rich class libraries that are used by seasoned tools such as Visual Basic and Visual C++. C# itself does not include a class library.

Basically C# is supported by Microsoft.NET platforms. If C# is wanted to be used one of these must be used too:

- Server Script : If C# will be used as server scripts in ASP.NET pages, server must be Microsoft Internet Information Server (IIS) 4.0 or another third part equivalent.

- Client Script : ASP.NET pages work in all browsers -- including Netscape, Opera, AOL, and Internet Explorer. But I will use Internet Explorer.

All browsers that allow scripting support JavaScript. So, if it is wanted to write wide scaled applications for a common web site, JavaScript will be a natural election for client scripting. Due to the fact that JavaScript (and JavaScript) are both widespread, many sources that can be used as help documents can easily be found at both the bookstores and in Web.

Microsoft IIS allows using Jscript in scripting for ASP.NET pages. But the other servers might not allow this. This fact must be taken into consideration in choosing script language for Server.

Internet Explorer accepts both "JavaScript" and "JavaScript" for LANGUAGE attribute used for identifying script language in HTML code. But many other browsers can only recognize "JavaScript". So to improve adaptivity "JavaScript" is decided to be used.

Whichever you use languages(C#, VB.NET, C++, etc.), It is not important for performance. Because, Microsoft JIT Compiler convert all kinds of code to MSIL code. So, I prefer using VB.NET for its code editor.

Regarding this factors it is admitted to use the both languages where they are more advantageous, throughout the project development progress. Therefore, for the scripts that will run script-sided VB.NET, and for the scripts that will run client-sided JavaScript is planned to be used.

#### **3.1.1.3. Dinamic Web Tools Alternatives and ASP.NET**

#### Why ASP.NET?

Writing dynamic, high-performance Web applications has never been easier.ASP.NET combines unprecedented developer productivity with performance, reliability, and deployment.

## **Developer Productivity**

ASP.NET helps you deliver real world Web applications in record time.

• Easy Programming Model: ASP.NET makes building real world Web applications dramatically easier. ASP.NET server controls enable an HTML-like style of declarative programming that let you build great pages with far less code than with

<	< November >							
S	М	Т	W	Т	F	S		
28	29	30	31	1	2	3		
4	5	6	7	8	9	10		
11		13	14	15	16	17		
18	19	20	21	22	23	24		
25	26	27	28	29	30	1		
2	3	4	5	6	7	8		

<asp:Calendar runat="server"/>

classic ASP. Displaying data, validating user input, and uploading files are all amazingly easy. Best of all, ASP.NET pages work in all browsers -- including Netscape, Opera, AOL, and Internet Explorer.

 Flexible Language Options : ASP.NET lets you leverage your current programming language skills. Unlike classic ASP, which supports only interpreted VBScript and JScript, ASP.NET now supports more than 25 .NET languages (including built-in support for VB.NET, C#, and JScript.NET -- no tool required), giving you



unprecendented flexibility in your choice of language.

• Great Tool Support: You can harness the full power of ASP.NET using any text editor -- even Notepad! But Visual Studio .NET adds the productivity of Visual Basic-style development to the Web. Now you can visually design ASP.NET Web Forms using familiar drag-drop-double-click techniques, and enjoy full-fledged code support including statement completion and color-coding. VS.NET also provides integrated support for debugging and deploying ASP.NET Web applications.

The Enterprise versions of Visual Studio .NET deliver life-cycle features to help organizations plan, analyze, design, build, test, and coordinate teams that develop ASP.NET Web applications. These include UML class modeling, database modeling (conceptual, logical, and physical models), testing tools (functional, performance and scalability), and enterprise frameworks and templates, all available within the integrated Visual Studio .NET environment.

Rich Class Framework: Application features that used to be hard to implement, or xrequired a 3<sup>rd</sup>-party component, can now be added in just a few lines of code using the .NET Framework. The .NET Framework offers over 4500 classes that encapsulate rich functionality like XML, data access, file upload, regular expressions, image generation, performance monitoring and logging, transactions, message queuing, SMTP mail, and much more!

## **Improved Performance and Scalability**

ASP.NET lets you use serve more users with the same hardware.

• **Compiled execution:** ASP.NET is much faster than classic ASP, while preserving the "just hit save" update model of ASP. However, no explicit compile step is required! ASP.NET will automatically detect any changes, dynamically compile the files if needed, and store the compiled results to reuse for subsequent requests. Dynamic compilation ensures that your application is always up to date, and compiled execution

makes it fast. Most applications migrated from classic ASP see a 3x to 5x increase in pages served.

- Rich output caching: ASP.NET output caching can dramatically improve the performance and scalability of your application. When output caching is enabled on a page, ASP.NET executes the page just once, and saves the result in memory in addition to sending it to the user. When another user requests the same page, ASP.NET serves the cached result from memory without re-executing the page. Output caching is configurable, and can be used to cache individual regions or an entire page. Output caching can dramatically improve the performance of data-driven pages by eliminating the need to query the database on every request.
- Web-Farm Session State: ASP.NET session state lets you share session data user-specific state values across all machines in your Web farm. Now a user can hit different servers in the web farm over multiple requests and still have full access to her session. And since business components created with .NET are free-threaded, you no longer need to worry about thread affinity.
- .NET Outperforms J2EE: In a head-to-head comparison of performance and scalability between Sun's Java Pet Store J2EE blueprint application and the ASP.NET implementation, .NET significantly outperformed J2EE. The bottom line: the ASP.NET implementation required only 1/4<sup>th</sup> as many lines of code, was 28x faster (that's 2700%), and supported 7.6x as many concurrent users as J2EE, with only 1/6<sup>th</sup> as much processor utilization.

#### **Enhanced Reliability**

ASP.NET ensures that your application is always available to your users.

 Memory Leak, Deadlock and Crash Protection : ASP.NET automatically detects and recovers from errors like deadlocks and memory leaks to ensure your application is always available to your users.

For example, say that your application has a small memory leak, and that after a week the leak has tied up a significant percentage of your server's virtual memory. ASP.NET will detect this condition, automatically start up another copy of the ASP.NET worker process, and direct all new requests to the new process. Once the old process has finished processing its pending requests, it is gracefully disposed and the leaked memory is released. Automatically, without administrator intervention or any interruption of service, ASP.NET has recovered from the error.

## **Easy Deployment**

ASP.NET takes the pain out of deploying server applications.

- "No touch" application deployment: ASP.NET dramatically simplifies installation of your application. With ASP.NET, you can deploy an entire application as easily as an HTML page: just copy it to the server. No need to run regsvr32 to register any components, and configuration settings are stored in an XML file within the application.
- **Dynamic update of running application:** ASP.NET now lets you update compiled components without restarting the web server. In the past with classic COM components, the developer would have to restart the web server each time he deployed an update. With ASP.NET, you simply copy the component over the existing DLL -- ASP.NET will automatically detect the change and start using the new code.

• Easy Migration Path: You don't have to migrate your existing applications to start using ASP.NET. ASP.NET runs on IIS side-by-side with classic ASP on Windows 2000 and Windows XP platforms. Your existing ASP applications continue to be processed by ASP.DLL, while new ASP.NET pages are processed by the new ASP.NET engine. You can migrate application by application, or single pages. And ASP.NET even lets you continue to use your existing classic COM business components.

#### **New Application Models**

ASP.NET extend your application's reach to new customers and partners.

 XML Web Services: XML Web services allow applications to communicate and share data over the Internet, regardless of operating system or programming language. ASP.NET makes exposing and calling XML Web Services simple. Any class can be converted into an XML Web Service with just a few lines of code, and can be



called by any SOAP client. Likewise, ASP.NET makes it incredibly easy to call XML Web Services from your application. No knowledge of networking, XML, or SOAP is required.

 Mobile Web Device Support: ASP.NET Mobile Controls let you easily target cell phones, PDAs -- over 80 mobile Web devices -- using ASP.NET. You write your application just once, and the mobile controls automatically generate WAP/WML, HTML, or iMode as required by the requesting device.

Because of these reasons I decided to use ASP.NET (C#) for devoloping this project.

ASP is a server-side scripting technology developed by Microsoft. It is an open, compile-free application environment in which you can combine HTML, scripts, and reusable components to build dynamic and powerful Web applications.

An ASP application consists of ASP pages published on a Web site. ASP pages can contain HTML code, client-side scripts, and server-side scripts. When a user goes to an ASP page, the Web server calls the ASP Server, which processes the requested file from top to bottom, executing any server-side scripts. It then formats a standard Web page and sends the results to the user's browser.

Because scripts can run on the server rather than on the client, the Web server can do much of the work involved in generating the HTML pages sent to browsers. Server-side scripts cannot be readily copied because only the result of the script is returned to the browser. Users cannot view the script commands that created the page they are viewing.

ASP was designed as a faster and easier alternative to CGI scripting using Perl or C scripts. ASP provides an easy-to-learn scripting interface (including native support for both VBScript and JavaScript), along with a number of predefined objects that simplify many development tasks, such as maintaining user state and defining global variables within an application. You can also use Active-X Data Objects (ADO): components to perform additional functions, among them accessing ODBC-complaint databases and outputting data to text files.

You can extend ASP scripts by using component object model (COM) components, Java components, and extensible markup language (XML).

ASP

#### HTML and Static Web Pages

Initially, most Web sites were used to publish information. Typical content included items like company profiles, press releases, annual reports, product brochures, etc. HTML tags were used to tell the user's Web browser (the client side) how to display static information stored on a computer in HTML files.

For example, if a user types a URL, the Web browser looks for the Web site, finds the Web server on the Internet, and requests that the page be sent to the Web browser. After the Web server finds the page, it sends it to the Web browser. The Web browser reads the HTML tags in the page and converts them into a formatted page. In this respect, HTML is a display language that displays static pages. There is not a way for the user to send information back to the Web server.

#### **Scripting Languages and Dynamic Web Pages**

In order for Web sites to be dynamic and gather information from the user, developers needed a more powerful tool, one that enabled them to write code alongside HTML and have that code executed when a page is requested. Client-side scripting, such as VBScript or JavaScript, is such a tool. It can be used to do simple interactive tasks such as verifying that a user had entered all the necessary fields prior to sending an order to a Web server. The browser executes client-side scripts after the page has been received from the server. While client-side scripts enable the dynamic flow of information between the browser and the server, they have two main weaknesses:

- The source code can be viewed from a user's browser and could be stolen.
- client-side scripts can only run on browsers that support the scripting language the developer used.

#### **CGI and Interactive Web Sites**

Then an alternative called server-side scripting emerged. CGI (Common Gateway Interface) is a computer program written in Perl or C that enables the Web server to talk to other applications before displaying a file in a user's browser. CGI translates the information coming from the user for the Web server, then saves it to a text file or database. Most serverside tools like CGI must be compiled and associated with the appropriate Web pages. While interactive, there are several limitations associated with CGI:

- Requires Web developers with knowledge of Perl or C.
- Results in inefficient processing since every new request to a CGI creates a new process on the server and opens a new copy of the CGI application. Having multiple copies running concurrently can result in lengthy response times, especially to high traffic sites.
- Leads to longer development times since CGI developers cannot take advantage of visual development interfaces like Visual Basic.
- Raises security concerns in that by running on the server side, CGI opens up your computer to potential fraud.
- Not all Internet service providers (ISPs) host CGI scripts because they don't want to take the risk of a poorly written CGI code crashing the server and every site hosted on that server, or risk performance problems.

## **APIs and Interactive Web Sites**

Another server-side scripting tool, APIs (Application Programming Interfaces) is in the mix as well. Like CGI, APIs allow the Web server to communicate with other applications running on the server machine, but they do so without the inefficient processing risks. However, APIs still require complex interfaces to the Web server and are difficult to create and maintain. In the final analysis, few organizations can afford the time and expense associated with using highly skilled developers to create engaging Web sites with CGI or APIs.

## 3.1.1.4. Operating System

It is planning to generate this project on Windows 2000 professional operating system.

## **3.1.2.** Determining the Hardware Tools To Be Used In the System

The company where this shopping side has been developed for must have the system that has at least minimum system requirements because otherwise the system will run properly. Existence hardware has enough capacity to provide requirements of project. So, it is not necessary to use an extra harware. The computer is used in the company has these features;

Pentium 4 CPU 3.00 GHz
512 MB RAM
80 GB hard disc
56 K fax-modem
Microsoft Windows 2000 pro operating system
Microsoft Office 2000 office tool

#### **3.2. Economical Feasibility**

At this part I calculated the total cost of the system as hardware and software view. An other item of total cost is development cost. Extra cost is not necessary. Because Internet Information Server, SQL Server 2000 and Windows 2000 that are needed to carry out project are present. Besides, it is necessary to benefit from web hosting services so as to broadcast web pages. Companies that provide web hosting service demand about 130\$ for a year.
If people who work for project take 1000\$:

1 person\*3 months\*1000\$=3000\$

Since present hardware is enough and extra hardware is not required for process of carring out project, there won't be extra cost.

#### **3.3. Functional Feasibility**

In functional feasibility I worked on the systems; usefulness and functionality and how to develop this kind of structure, which interfaces will be designed, which of them is makes the system run slower and not easy to use. Because making many interfaces some times causes the system not to be efficient, stable. And also deciding the DB structure and its fields started to be more and more clearer at this point. In the end, I decided to basic structure of the system, which ASP.NET's to develop and which tables and its fields to be designed. The specified user will be able to monitor, update, delete the stock, stock items, prices and other administrator tasks. They will be able to use some web based system and they will not need some extra stock monitor programs. On the other hand customers will be able to easily choose the items they want to buy. The system that will be carried out will be accepted by users easily. Beause, users can be adapted easily. Besides, an internet connection is enough to use system. In addition to this, it is not compulsory to work in office.

#### **3.4. Legal Feasibility**

This project will be developed by Haliç University Computer Engineering Department. All rights are reserved to the department. Any or all part of this program can't be reproduced and used in other programs without written permission of the department.

#### 4. REQUIREMENT ANALYSIS

The scope of information system was determined, after meeting the association. System will be carried out stage by stage. These stages are;

#### 4.1. Requirement Analysis Stages

- Designing project and having ideas of authority in people in association.
- Designing reports forming project.
- Designing tables forming project.
- Designing forms forming project.
- Preparing program modules forming project.
- Relating among table, form, report and program modules.
- Testing project.
- Showing project to authority in people in association and having their ideas.
- Preparing documents.

#### 4.2. Determining Problems That Can Reveal In Requirement Analysis And Solution

#### Methods

All elements and components are examined in detail and added informations are modulated and indicated with diagrams in requirement analysis. Risk Management which is the most important stage support us is carried out in project planning. In risk management, the factors that can be risk are evaluated. This study is a precaution against the problems that can reveal in system implementation. Probable problems that can appear are these;

• Determining requirements of system correctly : Because enough knowledges about system aren't gathered during meetings, requirements of system can't be determined

accurately. If we face problem like that, we have to return the beginning of project and determine requirements again.

- Users may not be enough qualified for using : Shopping program that will form should be user friendly. Because, users may not have enough knowledge to use. So, the use of project should be understandable for everybody.
- The system may not be described enough : Program should be explained accurately to users. Because, if users don't have enough knowledges about functions of program, they can not benefit from program accurately. Knowledges about program should be given to users not to face problem like that.
- The lack of documents : Studies, results of test and diagrams should be documented accurately. If documents are not prepared well, it causes unintelligible in system during design, implementation and maintain stages. For this reason, documents about studies should be prepared for every stage.
- **Program should be flexible :** In case new requirements appear later, new menus and modules will be able to be added. Thus, writing the most of codes can be prevented.
- **Testing program :** In program implementation stage, while passing one step to another step, it is necessary to complete test process. If it is not, problems can appear. So, at the end of every stage, program have to be tested according to current stage.
- Writing understandable codes : In system implementation, explanations should be found in algorithms and codes. In program maintain stage or when the faults appear, we have to return the beginning of program to revise codes. So, if codes of program are understandable, it facilitates our studies.

# **5. SYSTEM DESIGN**

In this part, the system is designed as suitable as the properties that are planned in the previous parts.

### 5.1. Table Structures

In this part, you can see the tables that are used in the project.

	Field Name	Data Type
P	MODID	AutoNumber
	MODULSAYFASI	Memo
	MODULADI	Text
	PARAMETRE	Number
	POPUPSAYFASI	Text

### Table 1 ANASAYFAMODULLER

	Field Name	Data Type
P	CEVAPID	AutoNumber
	ANKETID	Number
	CEVAP	Text
	BILET	Number
	CEVAPTARIHI	Date/Time

### Table 2ANKETCEVAP

	Field Name	Data Type
P	ANKETID	AutoNumber
	ANKETADI	Text
	SORU	Text
	SECSAYISI	Number
	SEC1	Text
	SEC2	Text
	SEC3	Text
	SEC4	Text
	SEC5	Text
	SEC6	Text
	SEC7	Text
	SEC8	Text
	SEC9	Text
	SEC10	Text
	DIGERKULLAN	Number
	KAYITTARIH	Date/Time
	GUNCELLEMETARIHI	Date/Time
	BASLANGICTARIHI	Date/Time
	BITISTARIHI	Date/Time
	UYELEREOZEL	Number
	BIRKULLANIM	Number
	AKTIF	Number
	ONSAYFA	Number
	EKLEYEN	Number
▶		

#### Table 3 ANKETLER

_		
	Field Name	Data Type
8	AYARLARID	Number
	BOLGESAYISI	Number
	ANASAYFABOLGESAYISI	Number
	DUYURUSAYFASIID	Number
	SAYFABASLIGI	Text
	ANASAYFAYEMEKMENUSU	Text

### Table 4 AYARLAR

	Field Name	Data Type
8	KUTUID	AutoNumber
	BOLGE	Number
	SIRA	Number
	BASLIK	Text
	ICERIK	Memo
	KAYITTARIHI	Date/Time
	GUNCELLEMETARIHI	Date/Time
	EKLEYEN	Number
	GUNCELLEYEN	Number
	AKTIF	Number
	ICON	Text
	SAYFAID	Number
	KUTUTIPI	Number
	MODUL	Number
	MODULID	Number

#### Table 5 BOLGESISTEM

	Field Name	Data Type
Ŷ	DUYURUID	AutoNumber
	DUYURUKISAACIKLAMA	Memo
	DUYURUUZUNACIKLAMA	Memo
	DUYURUBASLIK	Text
	KUCUKIMAGEURL	Text
	KAYITTARIHI	Date/Time
	GUNCELLEMETARIHI	Date/Time
	EKLEYEN	Number
	AKTIFMI	Number
	BUYUKIMAGEURL	Text
	BASLANGICTARIHI	Date/Time
	BITISTARIHI	Date/Time

# Table 6 DUYURULAR

	Field Name	Data Type
8	SORUID	AutoNumber
	SORU	Memo
	CEVAP	Memo
	CEVAPLAYAN	Number
	CEVAPISTENDIMI	Number
	SORUGIRISTARIHI	Date/Time
	SORUCEVAPTARIHI	Date/Time
	KAYITTARIHI	Date/Time
	SORUGUNCELLEMETARIHI	Date/Time
	CEVAPGUNCELLEMETARIHI	Date/Time
	BILETID	Text
	AKTIF	Number
	SORUOKUMA	Number
	CEVAPOKUMA	Number

# Table 7 EDANISMA

	Field Name	Data Type
8	BILETID	Text
	SORUSAHIBI	Number
	MUDURLUK	Number
	AKTIF	Number
	KAYITTARIHI	Date/Time

# Table 8 EDANISMABILET

	Field Name	Data Type
8	SAYFAID	AutoNumber
	ANAID	Number
	SIRA	Number
	ICERIKLINK	Text
	HEDEF	Text
	BASLIK	Text
	KAYITTARIHI	Date/Time
	GUNCELLEMETARIHI	Date/Time
	EKLEYEN	Number
	MENURESMI	Text
	ANAHTARKELIMELER	Text
	ACIKLAMA	Text
	AKTIF	Number
	GUNCELLEYEN	Number
	MODUL	Number
	MODID	Number

# Table 9 ICERIK

	Field Name	Data Type
8	MODULID	AutoNumber
	MODULISMI	Text
	MODULSAYFASI	Text
	UYELIK	Number
	MODULKISAADI	Text

### Table 10 ICERIKMODUL

	Field Name	Data Type
8	IZINKODU	Text
	ACIKLAMA	Text
	SIRA	Number
	AKTIF	Number

### Table 11 IZINKODLARI

	Field Name	Data Type
8	ID	AutoNumber
	KULID	Number
	YETKI	Text

# Table 12 KULLANICIIZIN

_		
	Field Name	Data Type
8	KULID	AutoNumber
	KULLANICIADI	Text
	SIFRE	Text
	AD	Text
	SOYAD	Text
	MUDURLUKID	Number
	EPOSTA	Text
	TELEFON	Text
	FAX	Text
	DAHILI	Text
	MOBILTEL	Text
	SONGIRISTARIHI	Date/Time
	GIRISSAYISI	Number
	EKLEYEN	Number
	KAYITTARIHI	Date/Time
	GUNCELLEMETARIHI	Date/Time
	AKTIF	Number

 Table 13 KULLANICILAR

	Field Name	Data Type
8	KUTUID	AutoNumber
	BOLGE	Number
	SIRA	Number
	BASLIK	Text
	ICERIK	Memo
	DETAYLINK	Text
	DETAYLINKURL	Text
	KAYITTARIHI	Date/Time
	GUNCELLEMETARIHI	Date/Time
	EKLEYEN	Number
	GUNCELLEYEN	Number
	AKTIF	Number
	HEDEF	Text
	ICON	Text
	KUTUTIPI	Number

# Table 14 KUTUSISTEM

	Field Name	Data Type
P	KUTUTIPI	Number
	KUTUTIPIADI	Text
	KAYITTARIHI	Date/Time
	KUTUTIPIACIKLAMA	Text
	KUTUTIPIACIKLAMALIADI	Text

# Table 15 KUTUTIPLERI

	Field Name	Data Type
8	RESIMID	AutoNumber
	RESIMADI	Text
	RESIMACIKLAMA	Text
	RESIMURL	Text
	KATEGORIID	Number
	AKTIF	Number
	RESIMNOTU	Number
	OYSAYISI	Number

# Table 16 RESIMGALERISI

	Field Name	Data Type
8	RGKATEGORIID	AutoNumber
	RGKATEGORI_ADI	Text
	REKATEGORI_RESIMSAYISI	Number

### Table 17 RGKATEGORI

	Field Name	Data Type
Ŷ	ID	AutoNumber
	EPOSTA	Text
	OKUNDU	Number
	MAILID	Number

### Table 18 MAILADRES

	Field Name	Data Type
Ŷ	GRUPID	AutoNumber
	GRUPADI	Text

#### Table 19 MAILGRUP

	Field Name	Data Type
8	ID	AutoNumber
	GRUPID	Number
	MAILID	Number

# Table 20 MAILGRUPUYELERI

	Field Name	Data Type
P	MAILID	AutoNumber
	KONU	Text
	GONDEREN	Number
	SABLONID	Number

# Table 21 MAILKONU

Ticia Nanie – Data Typ	e
ID AutoNumber	
EPOSTA Text	
AKTIF Number	

# Table 22 MAILLIST

	Field Name	Data Type
8	SABLONID	AutoNumber
	ADI	Text
	SABLON	Memo

### Table 23 MAILSABLON

	Field Name	Data Type
8	DEGID	AutoNumber
	MAKALEID	Number
	PUAN	Number
	YORUM	Memo
	TARIHI	Date/Time

### Table 24 MAKALEDEG

	Field Name	Data Type
8	MAKALEKATEGORI	AutoNumber
	KATEGORIADI	Text
	KAYITTARIHI	Date/Time
	EKLEYEN	Number
	AKTIF	Number
	ANAID	Number
	SIRA	Number

# Table 25 MAKALEKATEGORI

	Field Name	Data Type
8	MAKALEID	AutoNumber
	BASLIK	Text
	KATEGORIID	Number
	YAZAR	Number
	ANAHTARKELIMELER	Memo
	ACIKLAMA	Memo
	XMLDOSYASI	Text
	AKTIF	Number
	EKLEMETARIHI	Date/Time
	GUNCELLEMETARIHI	Date/Time
	OKUNMASAYISI	Number

# Table 26 MAKALELER

	Field Name	Data Type
8	MESLEKID	AutoNumber
	MESLEKADI	Text
	AKTIF	Number

 Table 27 MESLEK

	Field Name	Data Type
8	MUDURLUKID	AutoNumber
	MUDURLUKADI	Text
	MUDURADI	Text
	MUDURSOYADI	Text
	TELEFON	Text
	MOBILTEL	Text
	FAX	Text
	EPOSTA	Text
	GUNCELLEMETARIHI	Date/Time
	EKLEYEN	Number
	KAYITTARIHI	Date/Time
	DEFAULTMUDURLUK	Number

### Table 28 MUDURLUK

	Field Name	Data Type
8	POPUPID	AutoNumber
	SAYFAID	Number
	ADI	Text
	URL	Text
	GENISLIK	Number
	UZUNLUK	Number
	SOL	Number
	UST	Number
	OLCULENEBILIR	Number
	MENUCUBUK	Number
	KAYANCUBUK	Number
	ALETCUBUK	Number
	YER	Number
	DURUM	Number
	KAPATIRKEN	Text
	ACARKEN	Number
	AKTIF	Number
	KAYITTARIHI	Date/Time
	GUNCELLEMETARIHI	Date/Time
	EKLEYEN	Number
	ICERIK	Memo

# Table 29 POPUPSAYFA

	Field Name	Data Type
8	ILID	Number
	ILADI	Text

### Table 30 SEHIR

	Field Name	Data Type
8	SORUID	AutoNumber
	SORU	Memo
	CEVAP	Memo
	KAYITTARIHI	Date/Time
	GUNCELLEMETARIHI	Date/Time
	EKLEYEN	Number
	GOSTER	Number

# Table 31 SIKCASORULANLAR

	Field Name	Data Type
5	KATID	Number
5	SORUID	Number
	SIRA	Number

#### Table 32 SORUKATEGORI

	Field Name	Data Type
8	KATID	AutoNumber
	KATEGORI	Text
	ANAID	Number
	GOSTER	Number
	SIRA	Number

### Table 33 SSKATEGORILER

	Field Name	Data Type
8	UYEID	AutoNumber
	KULADI	Text
	SIFRE	Text
	SICILNO	Text
	TCKIMLIKNO	Text
	AD	Text
	SOYAD	Text
	DOGUMTARIHI	Date/Time
	ADRES	Memo
	MESLEKID	Number
	TELEFON_EV	Text
	TELEFON_IS	Text
	FAX	Text
	MOBILTEL	Text
	EPOSTA	Text
	DOGUMYERI	Number
	ILGIALANLARI	Memo
	GUNCELLEMETARIHI	Date/Time
	KAYITTARIHI	Date/Time
	SONGIRISTARIHI	Date/Time
	GIRISSAYISI	Number
	BEKLENTILER	Memo
	ONAY	Number
	ONAYTARIHI	Date/Time
	AKTIF	Number

#### Table 34 UYELER

	Field Name	Data Type
P	GUN	Number
P	AY	Number
P	YIL	Number
	YEMEK	Text
	SABAH	Text
	OGLEN	Text
	EKLEYEN	Number
	KAYITTARIHI	Date/Time

|--|

### 5.2. Relationships Among Tables



**Relationship 1** 











**Relationship 4** 

ANKETLER	
ANKETID	<u> </u>
ANKETADI	ANKETCEVAD
SORU	ANNETCETAF
SECSAYISI	CEVAPID
SEC1	ANKETID
SEC2	CEVAP
SEC3	BILET
SEC4	CEVAPTARIHI
SEC5	
SEC6	
SEC/	
SEC8	
SEC9	
SECTU DICEDVILLAN	
BASI ANGICTADIHI	
BITISTADIHI	
BIRKLILLANIM	
AKTIF	
ONSAYFA	
EKLEYEN	





**Relationship 6** 



**Relationship 7** 

#### 5.3. Form Samples







Figure 4 Home Page



Figure 5 References Page



Figure 6 About Us Page



Figure 7 Article Page



Figure 8 Article Page

TurkaSoft - Microsoft Internet Explorer					
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp					<b>.</b>
🚱 Back 🝷 💿 🔹 📓 🚮 🔎 Search 🤺 Fa	vorites 🚱 🔗 - 🍑	w • 🧾 鑬			
Address 🗃 http://localhost/TurkaSoftWCM/Moduller/Uyelik/UyeGiris.	aspx?Kodal=215			💙 🄁 Go	Links »
HAKKIMIZDA HİZMETLER	ÜRÜNLER	PORTFÖY	İLETİŞİM		~
Yazdım & Donanım Çözümleri ve Eğitimi         Üye Giriş Sayfa>         Üye Giriş Sayfası         Sistem üyeleri E-Danış         Ve vergi borcunu öğre         bölümlerinden faydala         Sisteme üye olmak içir	R→Üyelik→Üyelik Sayfa sma sistemimizi nme ınabilirler . 1 tıklayınız.	sı	Makaleler		
ê				Sucal intranet	

Figure 9 Membership Login Page



Figure 10 Membership Page



Figure 11 E-Support Page

Ede Lett   Ede Lett   Ede Image: Contract of the second secon	http://localhost/TurkaSoftWCM/Modulle	r/EDanisma/EDanisma.aspx?Kod	al=215 - Microsoft Internet Exp	orer	
	<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp				A
Address in http://locathodt/TurkaSoftWOM/Moduler/EDanisma.aspx:/Kodal=215 v 2 0 und 2 KAKKEMIZDA HIZMETER URUNER PORTFOV IEETISIM VERTICAS HIZMETER URUNER PORTFOV IEETISIM Kariyer Ano Sayfa HIZMETER Uyelik Sayfas: E-Danişma Hattı Müdürlük: Soru: Cevap İstiyor Musunuz? © Evet © Hayır Gönder << Geri Don	Ġ Back 🝷 🛞 🖌 📓 💰 🔎 S	Search 🤺 Favorites 🙆 🔗 -	🎍 🗹 • 🧾 🛍		
HAKKIMIZDA       HIZMETLER       ÜRÜNLER       PORTFÖY       ILETIŞIM             Image: Construction of the state of	Address 🕘 http://localhost/TurkaSoftWCM/Moduller	/EDanisma/EDanisma.aspx?Kodal=215			🖌 🄁 Go 🛛 Links 🎽
Series         Kariyer         Kariyer         Cariyer         Kariyer         Sayta > Hizketrieri ve Eğitimi         Midürlük:         Soru:         Cevap İstiyor Musunuz?         Evet O Hayır         Gönder << Geri Dön	HAKKIMIZDA HİZMETLER	ÜRÜNLER	PORTFÖY	İLETİŞİM	
Ana Sayfa→HİZMETLER→Üyelik Sayfası E-Danışma Hattı Müdürlük: Soru: Cevap İstiyor Musunuz? © Evet © Hayır Gönder << Geri Dön	TurkaSoft Yazılım & Donanım Çözümleri ve Eği	timi		Kariyer	
E-Danışma Hattı   Müdürlük:   Soru:   Cevap İstiyor Musunuz?   Evet O Hayır   Gönder	Ana Sayf	a→HİZMETLER→Üyelik→Üyelik	Sayfası		
Müdürlük:       Image: Cevap istiyor Musunuz?       Evet O Hayır         Gönder       << Geri Dön	E-Danış	ma Hattı			
Soru:       Image: Cevap istiyor Musunuz?       Image: Evet Image: Haylin         Image: Cevap istiyor Musunuz?       Image: Evet Image: Haylin       Image: Cevap istiyor Musunuz?         Image: Gönder Image: Cevap istiyor Musunuz?       Image: Cevap istiyor Musunuz?       Image: Cevap istiyor Musunuz?         Image: Cevap istiyor Musunuz?       Image: Cevap istiyor Musunuz?       Image: Cevap istiyor Musunuz?       Image: Cevap istiyor Musunuz?         Image: Cevap istiyor Musunuz?       Image: Cevap istiyor Musunuz?       Image: Cevap istiyor Musunuz?       Image: Cevap istiyor Musunuz?         Image: Cevap istiyor Musunuz?       Image: Cevap istiyor Musunuz?       Image: Cevap istiyor Musunuz?       Image: Cevap istiyor Musunuz?	Müdürlü	k:	*		
Cevap İstiyor Musunuz?	Soru:			K N	
Gönder << Geri Dön	Cevap İ	stiyor Musunuz? 💿 E	vet 🔿 Hayır		-
		G	önder << Geri Dön	(d)	

Figure 12 E-Support New Record Page

TurkaSoft - Microsoft Internet	et Explorer					
<u>File Edit View Favorites Tools</u>	: <u>H</u> elp					
🌀 Back 🔹 🐑 🖌 🗾	🏠 🔎 Search   🛧 Fa	avorites 🧭 🔗 🍓 🕅	- 📃 🋍			
Address 🗿 http://localhost/TurkaSoftWCM/Moduller/Uyelik/YeniUyelik.aspx?Kodal=216						
HAKKIMIZDA Hİ	ZMETLER	ÜRÜNLER	PORTFÖY	İLETİŞİM		^
TurkaSoft Yazılım & Donanım Çözü	imleri ve Eğitimi			Kariyer		
	Ana Sayfa→HİZMETLI	ER→Üyelik→Yeni Üyelik Sayfa:	51			
	Yeni Kullanıcı Kayıt					
	* Adi :					
	* Soyadı :					
	* Kullanıcı Adı :		altı karakterden az olmama yalnızca A-Z a-z 0-9 arası	Kullanıcı adı lıdır Kullanıcı adı yazarken karakterleri kullanın		
	* Şifre :		karakterden az olamaz. Ayı girmelisiniz. Şifre yazarken karakterleri kullanın	Şifre altı nı şifreyi şifre tekrar bolümüne yalnızca A-Z a-z 0-9 arası		
	* Şifre Tekrar :					
	T.C.Kimlik No:					
	Sicil No :					
	Doğum Tarihi :		formatında giriniz.	Doğum tarihinizi 31.12.2003		
	Adres :					-
e Done	1				🍤 Local intranet	

Figure 13 Membership New Record Page

🚰 TurkaSoft - Microsoft Internet Explorer						. 7 🗙
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp						<b></b>
🚱 Back 🔹 🌍 🕤 🔀 🛃 🔎 Search 🬟	Favorites 🧐 🔗	· 🍓 🔟 • 🛄 鑬				
Address 🕘 http://localhost/TurkaSoftWCM/Moduller/SSS/SSSorula	r.aspx?Kodal=227				💙 🔁 Go	Links »
HAKKIMIZDA HİZMETLER	ÜRÜNLER	PORTFÖY	İLETİS	ŞİM		~
TurkaSoft Yazılım & Donanım Çözümleri ve Eğitimi Ana Sayfa⇒İLETİŞ ≧ Satın Alma ? Programınızı n.	İM→Sıkça Sorulan So asıl satın ələbilirim ?	rular		Kariyer		
Programinizi nasi	satın alabilirim ?		Yukan→			
Kredi kartı ile						
						X
e Done					🧐 Local intranet	

Figure 14 FAQ Page

Elle Edit View Favorites Tools Help	<b></b>
🚱 Back 🔹 🛞 🔹 🛃 🏠 🔎 Search 👷 Favorites 🤣 🔗 - چ 🔟 🔹 🛄	
Address 🕘 http://localhost/TurkaSoftWCM/Moduller/Uyelik/SifreDegistime.aspx?Kodal=215	Go Links »
HAKKIMIZDA HIZMETLER ÜRÜNLER PORTFÖY İLETIŞİM	<u>^</u>
Exercise Saufa a Mizmeri ve Eğitimi	
Eski şifre bölümüne şu andaki şifrenizi giriniz. Yeni şifrenizi Yeni Şifre ve Yeni Şifre tekrar bölümüne	
giriniz. Şifrenizin Altu karakterden az olmaması gerekiyor.	
Yeni şifre :	
Yeni Şifre Tekrar :	
Kaydet Geri Dön	
	×

Figure 15 Membership Password Change Page

🔁 TurkaSoft - Microsoft Internet Explorer						JJX
<u>File Edit View Favorites Tools Help</u>						
🚱 Back 🔹 🐑 💌 😰 🏠 🔎 Search 🬟	Favorites 🥝 🔗 -	🎍 🗷 • 🗔 🗱	Le contra de la co			
Address 🚳 http://localhost/TurkaSoftWCM/Moduller/Anketler/YAn	ketler.aspx?Kodal=218				👻 🔁 Go	Links »
HAKKIMIZDA HİZMETLER	ÜRÜNLER	PORTFÖY	ILETI	işim		~
Yazılım & Donanım Çözümləri və Eğitimi				Kariyer		
Ana Sayfa→HİZME	TLER→Anketler→Yeni	Anket Sayfası		,		
Anket Adi	BsIngiç Tarihi	Bitis Tarihi				
1 Hangi Takım	12.01.2005	12.12.2005	Oy Kullan	Sonuçlari Gör		
2 Milli Takım Ant.	12.01.2005	12.12.2005	Oy Kullan	Sonuçlari Gör		
						X
2 2					Si Local intranet	
					G zocarineranoe	

Figure 16 Poll List Page



Figure 17 Poll Result Page

TurkaSoft - Microsoft Internet Explorer					[	JəX
<u>Eile E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp						
🚱 Back 🔹 🕥 - 🖹 🛃 🏠 🔎 Search 👷 F	Favorites 🚱 🔗 - 🍑	w · 🧾 🎇				
Address 🕘 http://localhost/TurkaSoftWCM/Moduller/Anketler/EAnk	etler.aspx?Kodal=219				💙 🄁 Go	Links »
HAKKIMIZDA HÌZMETLER	ÜRÜNLER	PORTFÖY	ILETIŞİM			~
TurkaSoft Yazılım & Donanım Çözümleri ve Eğitimi Ana Sayfa⇒HizMi		et Savfası	K	Cariyer		
Anket Adı		Başlangıç Tarihi	Bitiş Tarihi			
1 ASP.NET Geliştir	rme Ortamı	12.01.2005	12.02.2005	Gör		
						X
ê					🧐 Local intranet	

Figure 18 Old Poll List Page



Figure 19 News Page



Figure 20 News Detail Page



Figure 21 Picture Gallery Page



Figure 22 Picture Gallery Detail Page



Figure 23 Picture Gallery Detail Page



Figure 24 Admin Login Page

TurkaSoft - Microsoft Internet Explorer		
Eile Edit View Favorites Tools Help		
🔇 Back 🔹 🔘 🐇 😰 🚮 🔎 Search	👷 Favorites 🚱 🔗 - 嫨 🔟 🔹 📙 鑬	
Address 🚳 http://localhost/TurkaSoftWCM/Yonetim/Index	aspx	🔽 🄁 Go 🛛 Links 🎽
Yazılım & Donanım Çözümleri ve Eğitimi	Hoşgeldiniz Sayın, Çatal,Murat (06.07.2005)	TurkaSoft v1.0 Içerik Yönetim Sistemi
İçerik Yönetimi Araçlar Modüller Yardım Çıkış		
Done		Socal intranet

Figure 25 Admin Entrance Page



Figure 26 Admin Entrance Page

🚰 TurkaSoft - Microsoft Internet Explo	rer							
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp			All and a second second second second second second second second second second second second second second se					
🔇 Back 🔹 🕥 - 💌 😰 🏠 🍃	🔎 Search 🤺 Favorites 🛛 🔗 🌭 🗵	v 🔹 🦲						
Address 🗿 http://lipralhopt/TurkaSoftWCMYpopetim/Index.aspx								
TurkaSoft Yazılım & Donanım Çözümleri ve	• Eğitimi Hoşgeldiniz Sayın, Ça	atal,Murat (06.07.2005	5)					
	Ana Sayfa⇒İçerik Yönetimi		<u>^</u>					
Içerik Yonetimi	🔳 İç Sayfa Yönetimi							
Araçlar								
Modüller	• HAKKIMIZDA		Başlık :					
Yardım	a Sideat Desfili		HAKKIMIZDA					
Çıkış	Eaaliyet Ranomu		Acıklama :					
	Amacimiz							
	• HİZMETLER	 ∏∏	Anabtar Kelimeler :					
	• Makaleler	▯៸៳₃∋Ⴞ๙						
	• Üyelik		Eklauan i					
	Üyelik Sayfası	▯៸៲៲₃∋ฃฅ	Ekleyell .					
	Yeni Üyelik Sayfası	△/♂⊡臾⊗	Murat Çatal					
	• Anketler	▯◢፼◵▣◰◙	Ekleme Tarihi :					
	Yeni Anket Sayfası	⎛◢፼ጓ▣₽և	18.06.2003 16:46:51					
	Eski Anket Sayfası		Son Güncelleme :					
	• Haberler	⎛◢◙◙₽₽⊗	18.06.2003 16:46:51					
	• Resim Galerisi	▯◢⊡≎⊡₽₪						
	• ÜRÜNLER							
	• Hayat&Ferdi Kaza	▯៸⊡≎⊡₽⊗						
	Birikimleriniz İçin							
	Kişisel Birikim Sigortası	ୗ୵⊡ଇପି⊞≣⊠						
	Banka Birikim Sigortası							
	Geleceğe Yatırım Sigortası							
ê			Second Se					

Figure 27 Interior Pages Management Page

TurkaSoft - Microsoft Internet Explor	er						J 🗙
<u>File Edit View Favorites Tools Help</u>							<b></b>
🌀 Back 🝷 🕥 🖌 📓 🛃 🏑	O Search	📌 Favorites	🛛 🙆 🍃 🔛	• 🔜 🋍			
Address 🕘 http://localhost/TurkaSoftWCM/Yone	etim/Index.	aspx				💌 🄁 Go 🛛 L	Links »
TurkaSoft Yazılım & Donanım Çözümleri ve	Eğitimi		Hoşgeldiniz Sayın, Çal	al,Murat (06.	07.2005)	3SOft v1.0 Içerik Yönetim Sistemi	
Loovik Väpotimi	Ana Sa	<mark>yfa</mark> →Ana Sayfa	a Yönetimi				
	📑 An-	asayfa Yön	etimi				
Modüller	Kutu E	Bölgesi:		Lüfer	ıSeçiniz 💌		
Yardım	Aktif/	Pasif Kutula	r:	Tüm	Kutular 💌		
Çıkış		Kutu No	Başlık	Kayıt Tarihi	Güncelleme Ta <del>ri</del> hi	Sira	
		79	Haberler	03.07.2005	03.07.2005	1 🗳	
		74	Giris	20.05.2003	20.05.2003	1 🗳	
		72	Anket	20.05.2003	03.07.2005	4 🗳	
			Yeni Kutu Oluştur	Kutu	ların Yerini ve Sırasını Düzenle	Sil	
E Done						S Local intranet	

Figure 28 Homepage Management Page

TurkaSoft - Microsoft Internet Explore	r Ele	
File Edit View Favorites Tools Help		
🔇 Back 🔹 🕥 👻 🖻 🏠 🔎	Search 🤺 Favorites 🚱 😥 • 🥁 🔟 • 🦲 🏭	
Address 🕘 http://localhost/TurkaSoftWCM/Yoneti	im/Index.aspx 🔽 🔁 Go Link	ks »
Yazılım & Donanım Çözümleri ve E	iğitimi Hoşgeldiniz Sayın, Çatal,Murat (06.07.2005)	
Loorik Vänotimi	na Sayfa→Popup Yönetimi Giriş Sayfası	
Araclar	Popup yönetiminin yapılacağı sayfayı seçmelisiniz.	
Modüller	Popup Yönetimi Giriş Sayfası	
Yardım		
Çıkış	…Tarige Tarige Raporu …Faaliyet Raporu …Amacimiz HIZMETLER ☑	
	Tamam	
Cone	Second Intranet	



TurkaSoft - Microsoft Internet Expl	orer					_ @ 🛛
<u>File Edit View Favorites Tools Help</u>						-
🌀 Back 🔹 🌍 🕤 🗾 🛃 🚮	🔎 Search	📌 Favorite:	ब 🙆 🔗	w 🎇		
Address 🕘 http://localhost/TurkaSoftWCM/Yo	netim/Index.	aspx			💙 🄁 Go	Links »
TurkaSoft Yazılun & Donanım Çözümleri v	re Eğitimi		Hoşgeldiniz Sayın	, Çatal,Murat (06.07.2005)	t v1.0 Yönetim Sistemi	
	Ana Sa	<mark>yfa</mark> →Ana Sayf	a Yönetimi			
İçerik Yonetimi Araclar	🔲 Kut	u Tipi Yöne	etimi			
Modüller		(utu Tipi No	Kutu Tipi Sayfası	Açıklama	Kayıt Tarihi	
Yardım	E 8	3	Yeni Kayıt		27.08.2003	<b></b>
Çıkış		7	den7	süper adam	08.07.2003	<b>2</b>
		i i	den6	dfsadf	07.07.2003	<b></b>
		5	den5		19.06.2003	<b>2</b>
		1	den4		19.06.2003	<b>2</b>
		3	den3		19.06.2003	<b></b>
		2	den2		19.06.2003	<b></b>
		Ĺ	den1	Şu an kullanılmaya bir kutudur. Süperdir, candır.	19.06.2003	<b></b>
				Yeni Kutu Tipi Oluştur Sil		



🖄 TurkaSoft - Microsoft Internet E	xplorer				_ 7	X
<u>Eile E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools	Help					
🌀 Back 🝷 🕥 - 💌 🛃 🎸	🍃 🔎 Search 🤺 Favorites 🚱 🔗 - 嫨 📝	- 🔜 🛍				
Address 🕘 http://localhost/TurkaSoftWC	M/Yonetim/Index.aspx			💌 🋃 Ga	Link	s »
	ləri və Eğitimi Hoşgeldiniz Sayın, Çatı	al,Murat (06.07.2005)	TurkaSoft	v1.0 tim Sistemi		
İçerik Yönetimi	Ana Sayfa → Resim Liste					^
Araçlar	Resim Yükleme Su an sistemde toplam 21 resim viiklij					
Modüller	Resim yüklemek i	çin tıklayın 🤉 Resimleri küçük resir	nler olarak göster			
Yardım	Resim adı	Boyutu	Kayıt Tarihi			
Çıkış	advlogo.gif	4,78 KB	04.02.2005 16:03:46	<b>=</b>	Sil	
	altserit.gif	0,18 KB	04.02.2005 16:03:46	<b>=</b>	Sil	
	belediyemiz.jpg	8,51 KB	04.02.2005 16:03:46	<b>2</b>	Sil	
	Blue hills.jpg	28,52 KB	04.02.2005 16:03:46	<b></b>	Sil	
	buton_04_b.gif	0,48 KB	04.02.2005 16:03:46	<b></b>	Sil	
	buton_04_b_advProcess.jpg	1,81 KB	07.06.2005 18:29:40	<b>1</b>	Sil	
	e-hizmetler.jpg	8,06 KB	04.02.2005 16:03:46	<b></b>	Sil	
	ha <del>rit</del> a.jpg	12,51 KB	04.02.2005 16:03:46	<b></b>	Sil	
	logo_bitek_o_kucuk.gif	3,64 KB	04.02.2005 16:03:46	<b>1</b>	Sil	
	logo_bitek_o_kucuk_advProcess.jpg	6,40 KB	04.02.2005 16:03:46	<b>1</b>	Sil	
	logo_bitek_o_kucuk_advProcess_advProcess.jp	9 6,32 KB	04.02.2005 16:03:46	<b>2</b>	Sil	
	LOGO_K.GIF	2,73 KB	04.02.2005 16:03:46	<b>=</b>	Sil	
	LOGO_K_advProcess_advProcess.jpg	4,81 KB	04.02.2005 16:03:46	<u>6</u> 2	Sil	~
E Done				Local intrane	t	

Figure 31 Picture Management Page

🗿 TurkaSoft - Microsoft Internet Ex	cplorer						
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u>	elp						<i></i>
🌀 Back 🝷 🕥 🕤 😫 🐔	🔎 Search   🔶	Favorites 🧭	🖉 - 🌺 👿	- 🔜 🏭			
Address 🕘 http://localhost/TurkaSoftWCM,	/Yonetim/Index.aspx					💌 🔁 G	io Links »
Yazılım & Donanım çözümler	ri ve Eğitimi	Hoşgı	eldiniz Sayın, Çatal	,Murat (06.07.2005)	TurkaSoft	v1.0 netim Sistemi	
İcerik Yönetimi	<mark>Ana Sayfa</mark> →Ku	Illanici Listesi					
Araçlar	💄 Kullanici	Listesi					
Modüller	Adı	Soyadı	Müdürlük	Son Kullanım Tarihi	Kullanım Sayısı		
Yardım	Murat	Çatal	Genel Mudur	06.07.2005	982	<sup>™</sup>	retki
Çıkış				Yeni Kullanıcı Sil			
Done						🧐 Local intran	et

Figure 32 User Management Page

TurkaSoft - Microsoft Internet Ex	plorer				
File Edit View Favorites Tools He	elp	<b>0</b> 0. <b>B w . b #</b>			
Address Abttp://localbost/TurkaSoftWCM/	/Vonetim/Index aspx			~	So Links »
	roneuntanuex.aspx				
TurkaSoft				TurkaSoft	v1.0
Yazılım & Donanım Çözümler	ri ve Eğitimi H	loşgeldiniz Sayın, Çatal,Murat (Of	i.07.2005)	İçerik Yönetim Si	stemi
İcerik Yönetimi	Ana Sayfa→Departmanlar				
Araçlar	💄 Departmanlar Li	stesi			
Modüller	Departman	Id Departman Sorumlusu	Departman	Güncelleme Tarihi	
Yardım		Murat ÇATAL	Genel Mudur	05.05.2003	<b></b>
Çıkış		Yeni Depar	tman Oluştur Sil		
🙆 Done				Succal i	intranet

Figure 33 Department Management Page

ile <u>E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>F</u>	<u>t</u> elp						
🌏 Back 🔹 🜍 🕤 🚺 💋	n 🔎 s	iearch 🚽	💦 Favorites 🧭 🎑 🛛 🖉	- 📃	12		
dress 🕘 http://localhost/TurkaSoftWCM	1/Yonetim/	Index.aspx				💌 🄁 Go	Links
	eri ve Eği	timi	Hoşgeldiniz Sayın, Çatı	al,Murat (	(06.07.2005)	v1.0 letim Sistemi	
İcerik Yönetimi	Ana	<mark>Sayfa</mark> →M	akale Yönetimi				
Araçlar Modüller	∎ ľ Yay	vlakale N vinda Ola	'önetimi m/Olmayan Makaleler:		Tüm Makaleler 💌		
Yardım		Makale No	Başlık	Yazan	Dosyası	Ekleme Tarihi	
Şıkış		111	GXA (Global XML Web Servisleri Mimarisi)	Murat Çatal	GXAGlobalXMLWebServisleriMimarisi.xml	03.07.2005	<b>2</b>
		110	Visual Basic.Net ile Raporlama - Crystal Reports	Murat Çatal	VisualBasicNetileRaporlamaCrystalReports.xr	nl 03.07.2005	<b>2</b>
		109	C# ile göstericisiz bağlı liste kullanımı	Murat Çatal	Cilegostericisizbaglilistekullanimi.xml	03.07.2005	<b>2</b>
		108	ADO .NET 2.0 İle Gelen Yenilikler	Murat Çatal	ADONET20IleGelenYenilikler.xml	03.07.2005	<b>2</b>
		107	Fotoğraf Galerisi Oluşturma -1	Murat Çatal	FotografGalerisiOlusturma1.xml	03.07.2005	<b>2</b>
		106	42 plajda, 42 çeşit tarz ve eğlence	Murat Çatal	42plajda42cesittarzveeglence.xml	03.07.2005	<b>2</b>
		105	Brando'nun anısına 2.4 milyon dolar	Murat Çatal	Brandonunanisina24milyondolar.xml	03.07.2005	<b>2</b>
		104	İstanbul'da caz zamanı	Murat Çatal	Istanbuldacazzamani.xml	03.07.2005	<b>2</b>
		103	Tüm şarkılar Kara Kıta için	Murat Çatal	TumsarkilarKaraKitaicin.xml	03.07.2005	<b>2</b>
			[	Yeni M	akale Oluştur Sil		

Figure 34 Article Content Management Page

🚰 TurkaSoft - Microsoft Internet Ex	plorer		
<u>File Edit View Favorites Tools H</u>	elp		A17
🚱 Back 🝷 🕥 🐇 😰 🏠	🔎 Search 🤺 Favorites 🥝 🍰	• 🎍 🔟 • 🔜 🎎	
Address 🍯 http://localhost/TurkaSoftWCM/	Yonetim/Index.aspx		So Links 🎽
	ri ve Eğitimi Hoşgeldiniz	Sayın, Çatal,Murat (06.07.20)	D5)
İcerik Yönetimi	Ana Sayfa→Makale Kategori Yönetimi		
Araclar	📃 🛛 Makale Kategori Yönetimi		
Modüller Yardım Çıkış	<ul> <li>Bilişim</li> <li>ASP.NET</li> <li>ADD.NET</li> <li>C#</li> <li>VB.NET</li> <li>XML Web Service</li> <li>Kültür Sanat</li> <li>Seyahat</li> <li>Not : Yayında olan makaleler yeşil, yayınd</li> <li>Yayında değil</li> <li>Yayında değil</li> <li>Yeni Kayıre Ekle</li> <li>Yeri Kayıre Ekle</li> <li>Yeri Kayıre Ekle</li> <li>Yeri Kayıre Ekle</li> <li>Yeri Kayıre Ekle</li> <li>Yeri Kayıre Ekle</li> <li>Yeri Kayıre Ekle</li> <li>Yeri Kayıre Ekle</li> <li>Yeri Kayıre Ekle</li> <li>Yeri Kayıre Ekle</li> <li>Yeri Kayıre Ekle</li> <li>Yayınla</li> <li>Yayınla</li> <li>Yayınla</li> <li>Yayınla</li> <li>Yayında Kaldırı</li> <li>Sil</li> </ul>	Image: Second	Kategori Adı:         Bilişim         Ekleyen:         Murat Çatal         Kayıt Tarihi:         20.05.2003 22:42:20    Yeni Ana Kategori Oluştur
Done			S Local intranet

Figure 35 Article Category Management Page

🗿 TurkaSoft - Microsoft Internet Expl	orer							×
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp								<b></b>
🚱 Back 🝷 🕥 - 💌 😰 🏠 ,	🔎 Search   🤸	Pavorites	🛛 🖉 · 🍃	w 🔹 🧾 🎇				
Address 🚳 http://localhost/TurkaSoftWCM/Yo	onetim/Index.aspx						💌 🄁 G	io Links »
Yazılım & Donanım Çözümleri v	ve Eğitimi	Hoş	geldiniz Sayın,	Çatal,Murat (06.07.	2005)	Turkas	SOft v1.0 çerik Yönetim Sistemi	
İçerik Yönetimi	Ana Sayfa→A	na Sayfa						
Araçlar	📏 Onaylan	mış Üyele	rin Listesi					
Modüller	Adı	Soyadı	Kullanıcı Adı	T.C. Kimlik No	Sicil No	Doğum Tarihi	Onay Tarihi	
Yardım	Murat	ÇATAL	mucatytu	12345545646			07.06.2005	<b>F</b>
Çıkış				1				
				Ara Sil	Tümü			
Done							S Local intran	et

Figure 36 Membership Management Page

TurkaSoft - Microsoft Internet Explorer				
File Edit View Favorites Tools Help		- 🔍 💷 - 🖼		
	an and a second s			u 🖪 Co. Linka »
Auguress antp://localnost/TurkasortwCM/Yonetim/In	dex.aspx			GO LINKS
Yazılım & Donanım Çözümleri ve Eğitin	ni Hoşgeldinia	z Sayın, Çatal,Murat (06.07.2005)	rkaSoft Içerik Yöne	v1.0 otim Sistemi
İçerik Yönetimi	ayfa → Anketler			
Araçlar Modüller Vardım	nketler f/Pasif Anketler: Aktif An	iketler 💌		
Çıkış An	<sup>iket</sup> Anket Adı	Anket Sorusu	Başlangıç Tarihi	Bitiş Tarihi
1 55	i Hangi Takım	Hangi takımı tutuyorsunuz?	12.01.2005	12.12.2005 🚘
2 54	ASP.NET Geliştirme Ortamı	Hangi ASP.NET geliştirme aracını tercih ediyorsunuz?	12.01.2005	12.02.2005 🚔
3 52	2 Milli Takım Ant.	Futbol Federasyonu'nun Fatih Terim tercihini doğru buluyor musunuz?	12.01.2005	12.12.2005 🗲
		Yeni Anket Oluştur		
Done				Local intranet

Figure 37 Poll Management Page

TurkaSoft - Microsoft Internet Explore	er						FX
Eile Edit View Favorites Tools Help							-
🌀 Back 🝷 🕥 - 💌 😰 🏠 🔎	) s	iearch 🚽	🎖 Favorites 🚱 🎯 - 🌺 📝 - 📙 🎇				
Address 🕘 http://localhost/TurkaSoftWCM/Yonet	tim/	Index.aspx				💙 🄁 Go	Links »
TurkaSoft	Eği	timi				v1.0 etim Sistemi	
			Hoşgeldiniz Sayın, Çatal,Murat (06.07.2005)				
İcerik Yönetimi	Ana	a Sayfa→I	laberler				
Araçlar	0	Haberl	er Listesi				
Modüller	A	ktif/Pas	if Haberler: Aktif Haberler 💙				
Yardım	÷ .	Haber Id	Baslik	Kavit Taribi	Baslangic Tarihi	Bitis Tarihi	
Çıkış	1	34	ŞİRKETİMİZDEN 64 PLAN SEÇENEĞİ!	03.07.2005	12.01.2005	12.12.2005	<b></b>
	2	33	ŞİRKETİMİZDEN SANATA BÜYÜK DESTEK I	03.07.2005	12.01.2005	12.12.2005	<b></b>
	3	32	ŞİRKETİMİZE İTO'DAN ALTIN PLAKET!	03.07.2005	12.01.2005	12.12.2005	<b>2</b>
	4	31	ŞİRKETİMİZ SERMAYESİNİ 50 MİLYON YTL'YE YÜKSELTTİ	03.07.2005	12.01.2005	12.12.2005	<b>2</b>
	_		Yeni Haber Oluştur				
			L				
🙆 Done						Uocal intranet	

Figure 38 News Management Page

TurkaSoft - Microsoft Internet Exc	plorer						FX
Eile Edit View Favorites Tools He	elp					<u> </u>	
🚱 Back 🝷 🐑 🔺 😰 🏠	🔎 Search   🔶 Fa	vorites 🧭 💈	3• 🎍 🗹 • 🖵 🛍				
Address 🕘 http://localhost/TurkaSoftWCM/	Yonetim/Index.aspx					🖌 🄁 📀	Links »
	ri ve Eğitimi	Hoşgeldin	iz Sayın, Çatal,Murat (06.07	.2005)		v1.0 önetim Sistemi	
İçerik Yönetimi	<mark>Ana Sayfa</mark> →EDan	isma Soru Listesi					
Araçlar	📮 E-Danışmı	a Soru Listesi					
Modüller	Soru	Tarih	Bilet No	Soru Sahibi	İlgili Müdürlük	Okunmayan	
Yardım	Nasilsin?	14.06.2005	Blt0506141823556330	Murat ÇATAL	Genel Mudur	0	
Çıkış			ara Sil	Tümü			
Done						S I ocal intranet	

Figure 39 E-Support Management Page

TurkaSoft - Microsoft Internet E	xplorer	
Eile Edit ⊻iew Favorites <u>T</u> ools E	<u>H</u> elp	New York and the second second second second second second second second second second second second second se
🚱 Back 🝷 🕥 🕤 📓 😭	) 🔎 Search 🤺 Favorites 🚱 🔗 🎍 👿 🔹	<mark></mark> 🖏
Address 🚳 http://localhost/TurkaSoftWCM	1/Yonetim/Index.aspx	✓ ➡ Go Links ※
TurkaSoft	əri və Eğitimi Hoşgeldiniz Sayın, Çatal,N	Iurat (06.07.2005)
Icarik Väpatimi	Ana Sayfa→Sıkça Sorulan Sorular	
Araclar	? Sıkça Sorulan Sorular Yönetimi	
Modüller	🗀 Satın Alma	Soru Girişi
Yardım	? Programınızı nasıl satın alabilirim ?	Üst Kategori : Ana Kategori
Çıkış	Yeni Kategori Yeni Soru Sırala	Soru:
		Cevap :
		Kaydet Sil
Done		S Local intranet
		G cotta interance

Figure 40 FAQ Management Page

🚰 TurkaSoft - Microsoft Internet Explo	prer						
<u>File Edit View Favorites Tools Help</u>							
🌀 Back 🝷 🐑 🖌 📓 🏠 🍃	🔎 Search 🛛 📌 Favo	rites 🥝 🔗 🍓 🔟 🔹 🗖	, 🛍				
Address 🕘 http://localhost/TurkaSoftWCM/Yonetim/Index.aspx 🛛 💽 Go 🛛 Links 🍟							
Yazılım & Donanım Çözümleri v	e Eğitimi	Hoşgeldiniz Sayın, Çatal,Mur	at (06.07.2005)	TurkaSoft v1.0 Içerik Yönetim Sistemi			
İcerik Yönetimi	Ana Sayfa→Yemek	<mark>Listesi Yönetimi</mark> →Yemek Listesi Ekleme		<u>^</u>			
Araclar	🗄 Yemek Liste:	si Oluşturma					
Modüller		Haftasonu ve tatil günlerinde, yer	nek çıkmayacak günlerde form al	anını boş bırakın			
Yardım	Gün	Yemek	Sabah	Öğlen			
Çıkış	1 Temmuz						
	2 Temmuz						
	3 Temmuz						
	4 Temmuz						
	5 Temmuz						
	6 Temmuz						
	7 Temmuz						
	8 Temmuz						
	9 Temmuz						
	10 Temmuz						
	11 Temmuz						
Done	19 Temmuz						
COLIC COLIC				Total intranet			

Figure 41 Food Management Page

le <u>E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> oc	ols <u>H</u> elp				
🌏 Back 🔹 🕥 - 💌 💈	Search	📩 Favorites 🥝	🔗 - 嫨 📨 🛛 📜 鑬		
dress 🕘 http://localhost/TurkaSol	ftWCM/Yonetim/Index	.aspx			Go Links
TurkaSoft				TurkaSoft	v1.0
Yazılım & Donanım Çö:	zümleri ve Eğitimi	Hosneld	liniz Sayın, Catal Murat (06 07 20	(15)	önetim Sistemi
		indýgen.		00)	
İçerik Yönetimi	E Resit	a⇒Resim Galerisi Yonetim m Galerisi Yönetim	i i		
Araçlar	Aktif/Pa	sif Resimler:	Tüm l	Resimler 💙	
Modüller		a			
Yardım Olive		Resim No	Resim Adı	Kategorisi	
çıkış		31	HPIMU149.jpg	Resimierim	<b>*</b>
		32	HPIM0150.jpg	Resimlerim	<b></b>
		30	HPIM0151.jpg	Resimlerim	<b>~</b>
		36	HPIM0157.jpg	Resimlerim	<b>F</b>
		35	HPIM0158.jpg	Resimlerim	<b></b>
		34	HPIM0163.jpg	Resimlerim	<b></b>
		33	HPIM0169.jpg	Resimlerim	<b></b>
		37	P6090047.JPG	Mezuniyet	<b>2</b>
		38	P6090049.JPG	Mezuniyet	<b></b>
		41	P6090072.JPG	Mezuniyet	<b>2</b>
		42	P6090086.JPG	Mezuniyet	<b>2</b>
		43	P6090087.JPG	Mezuniyet	<b>2</b>
		44	P6090089.JPG	Mezuniyet	<b>`</b>

Figure 42 Picture Gallery Management Page
TurkaSoft - Microsoft Internet Explore	er			
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp				A.
🚱 Back 🔹 🕥 - 💽 🛃 🎸 🔎	Search 👷 Favorites 🚱 🔗 🖓	w • 📴 🎇		
Address 🕘 http://localhost/TurkaSoftWCM/Yonet	im/Index.aspx			🖌 🄁 Go 🛛 Links 🎽
TurkaSoft Yazılım & Donanım Çözümleri ve B	igitimi Hoşgeldiniz Sayı	n, Çatal,Murat (06.07.2005)	TurkaSoft	v1.0 m Sistemi
İcerik Yönetimi	<mark>na Sayfa</mark> ⇒Resim Galerisi Kategori Yönetimi			
Araçlar	Resim Galerisi Kategori Yönetin	ni		
Modüller	Resim Kategori No	Kategori Adı	Resim Sayısı	
Yardım	15	Mezuniyet	-1	<b>F</b>
Çıkış	14	Resimlerim	1	<b>2</b>
		Yeni Resim Kategorisi Gir	Sil	
E Done			<u></u>	.ocal intranet

Figure 43 Picture Gallery Category Management Page

TurkaSoft - Microsoft Internet Explorer			
Eile Edit View Favorites Tools Help			
🚱 Back 🔹 🐑 💌 😰 🏠 🔎 Search	📌 Favorites	🚱 😂 🎍 🗹 · 🛄 🏭	
Address 🚳 http://localhost/TurkaSoftWCM/Yonetim/Index	aspx		🖌 🄁 Go 🛛 Links 🎽
Yazılım & Donanım Çözümleri ve Eğitimi	н	Hoşgeldiniz Sayın, Çatal,Murat (06.07.2005)	v1.0 netim Sistemi
İçerik Yönetimi	a→Resim Galeri:	<mark>isi Yönetimi</mark> →Resim Düzenleme	
Araçlar Resin	m Düzenlem		
Modüller * Resim	Adi:	HPIM0149.jpg Getir	
Yardım * Resim	Kategorisi:	Resimlerim 💌	
Çıkış Sayfa Li	nki: [	· · · · ·	
Açıklama	a:	~	
Aktif/Pa	isif:	⊙ Aktif	
		Kaydet << Resim Galerisi Yönetimi Sayfasına Geri Dön	
One Cone			🥹 Local intranet

Figure 44 Picture Update Page

🗿 TurkaSoft - Microsoft Internet Exp	lorer 📃 🗖 🔀
Resim Ekleme Formu	
P6090047.JPG	Göster Seç Sil
P6090049.JPG	Göster Seç Sil
P6090072.JPG	Göster Seç Sil
P6090086.JPG	Göster Seç Sil
P6090087.JPG	Göster Seç Sil
P6090089.JPG	Göster Seç Sil 🧹
Re	sim Yükle Kapat

## Figure 45 Upload Picture Page



Figure 46 COMAS(Content Management System) Help Pages

TurkaSoft - Microsoft Internet Explor	rer			
Eile Edit View Favorites Tools Help				
🔇 Back 🔹 🕥 - 💌 🖻 🏠 🔎	🔎 Search 🛛 👷 Favorites	🛛 🖉 · 🎽 🗹 · 🗖 🛍		
Address 🗃 http://localhost/TurkaSoftWCM/Yone	etim/Index.aspx			🔽 🋃 Go 🛛 Links 🎽
Yazılım & Donanım Çözümleri ve	Egitimi	oşgeldiniz Sayın, Çatal,Murat (06.07	7.2005)	SOft v1.0 çerik Yönetim Sistemi
İcerik Yönetimi	<mark>Ana Sayfa</mark> ⇒Şifre Değişti	rme		
Araçlar	😧 Şifre Değiştirm	e		
Modüller		Eski şifre bölümüne şu andaki şifrenizi giriniz. Y karakterden az olmaması gerekiyor.	eni şifrenizi Yeni Şifre ve Yeni Şifre tekra	r bölümüne giriniz. Şifrenizin Altı
Yardım	Eski Şifre :			
Çıkış	Yeni Şifre :			
	Yeni Şifre Tekrar :			
		Kaydet	Geri Dön	
Done				Succal intranet

Figure 47 User Password Change Page

TurkaSoft - Microsoft Internet Explorer		
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp		
🌀 Back 🔹 🐑 👻 📓 🏠 🔎 Search	n 📌 Favorites 🤣 😥 🛛 👻 🛄 🕄	
Address 🚳 http://localhost/TurkaSoftWCM/Yonetim/Inde	k.aspx	🔽 🄁 Go 🛛 Links 🂙
Yazılım & Donanım Çözümleri ve Eğitimi	Hoşgeldiniz Sayın, Çatal,Murat (06.07.2005) fa→Ana Sayfa Yönetimi→Ana Sayfa Syra Düzenleme	V1.0 Içerik Yönetim Sistemi
Araclar	Ana sayfada bulunan kutularin yerlerini ve siralarini	degistirebilirsiniz.
Modüller Vardım Çıkış	Saayta Kutularin Yerlerini Düzenleme Giris Aktar > Tümümü Aktar > < Aktar < Yukarı Aşağı Yukarı Aşağı Degiklikleri Kaydet << Anasayfa Yönetin	Aktar > Tümümü Aktar > < Aktar < Tümünü Aktar Yükarı Aşağı ni Sayfasina Geri Dön
Done		🔍 Local intranet
		Cocor in confec

Figure 48 Homepage Management Page

TurkaSoft - Microsoft Internet Explorer		
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp		At 1
🔇 Back 🔹 🕥 🕤 📓 🐔 🔎 Search 🔮	Favorites 🚱 😥 - 嫨 👿 - 🗾 鑬	
Address 🕘 http://localhost/TurkaSoftWCM/Yonetim/Index.aspx		🔽 🄁 Go 🛛 Links 🎽
Yazılım & Donanım Çözümleri ve Eğitimi	Hoşgeldiniz Sayın, Çatal,Murat (06.07.2005)	TurkaSoft v1.0 Içerik Yönetim Sistemi
Ana Sayfa⇒İç	erik Yönetimi →İçerik Girişi	<u>^</u>
Araclar iç Sayfa	Ekleme	
Modüller	Oluşturacağınız sayfa Tariçe sayfasının altına	a koyulacaktır.
Yardım Çıkış	lığı:	Sayfa başlığı, site icindeki menülerde kullanılır. Ayrıca sayfanızın başlığı , browser penceresinin de başlığı olur.
Sayfa Resm	: Getir	Sayfalarınızın belirlenmiş bir bölqesindeki resmi değiştirmek için bir resim seçiniz.
Anahtar Keli	Meler:	Bazı arama motorları, web sayfalarının adreslerini kavdederken bu sayfalar alt analtar kelimletinde de saydedrer. Sayfayla ildili anahtar kelimleri düzdin ve döğru bir şekilde çimmeniz sayesinde bu şekilde çalışan arama motorlarında airdiğiniz kelimletler ildili olarak yapılan aramalarda çıkma olasılığınız artar.
Açıklama:	Eski Anketler Yeni Anketler Makaleler Sikoa Sorulan Sorular Yemek Listesi Edanışma Üyelik Yeni Üyelik Pecim Galerici	Bazı arama motorları, web sayfalarının adreslerini kaydederken bu sayfalara ait açıkkam amtinlerini de kaydederler. Sayfayla ilgili gireceğiniz düzgün ve döğru bir açıklama, bu şekilde calışan arama motorlarında yapılan aramalarda gösterilme olasılığınızı artırır.
Modüller:	V	Modüller, dinamik web uyqulamalarıdır. Sisteme tanıtılmış modüllerden birisini seçerek , sayfanızın dinamik bir uyqulama olarak çalışmasını sağlayabilirsiniz.
		Ön İzleme 🛛 Kaydet 💌
E Done		Second Se

Figure 49 Interior Pages Management Page

🐔 TurkaSoft - Microsoft Internet Exp	lorer		
<u>Eile E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp	P		
🌀 Back 🝷 🕥 🕤 📓 🚮	🔎 Search 🤺 Favorites 🚱 🔗 头	w · 🧾 🛍	
Address 🕘 http://localhost/TurkaSoftWCM/Yo	onetim/Index.aspx		So Links 🎽
	ve Eğitimi Hoşgeldiniz Sayın,	Çatal,Murat (06.07.2005)	TurkaSoft v1.0 Içerik Yönetim Sistemi
İcerik Yönetimi	<mark>Ana Sayfa</mark> →Departman Bilgileri Görüntüleme		
Araçlar	💄 Departman Bilgileri Görüntülem	ie <sub>Suc</sub>	Departman İşlemleri
Modüller	Departman Adı:	Genel Mudur	Bilgileri Değiştir
Yardım	Departman Sorumlusu Adı:	Murat	Kullanıcıları Gör
Çıkış	Departman Sorumlusu Soyadı:	ÇATAL	
	Telefon Numarası:	3434343	
	Cep Telefon Numarası:		
	Faks Numarası:		
	E - Posta:		
		<< Geri Dön	
E Done			S Local intranet

Figure 50 Department Update Page

🗿 TurkaSoft - Microsoft Internet Explo	orer					
Elle Edit View Favorites Iools Help						
🚱 Back 🔻 🕗 🔹 📓 🏠 🔎 Search 🤺 Favorites 🤣 🔗 - 🖕 📝 - 🛄 🎇						
Address 🚳 http://localhost/TurkaSoftWCM/Yor	netim/Index.aspx		🖌 🄁 Go 🛛 Links 🎽			
Yazılım & Donanım Çözümleri v	e Eğitimi	Hosgeldiniz Sayın, Çatal,Murat (06.07.2005)	v1.0 'önetim Sistemi			
İcerik Yönetimi	Ana Sayfa→Makale	<mark>Yönetimi</mark> →Makale Güncelleme	<u>^</u>			
Araclar	🛃 Makale Günc	zelle				
Modüller	* Başlık:	GXA (Global XML Web Servisleri Mimarisi)	Makale başlığını girmelisiniz.			
Çıkış	* Kategori:	XML Web Service 💙	Oluşturacağınız makalenin hangi kategoride olduğunu belirtmelisiniz.			
	* Yazar:	Murat Çatal 💌				
	Yayında Olsun/Olmasın:	⊙ Yayında Olsun 🔘 Yayında Olmasın	Oluşturucağınız makalenin görüntülenmesini istiyorsanız "Yayında Olsu seçeneğini seçiniz. Aksi halde "Yayında Olmasın" seçeneğini seçiniz.			
	* İçerik:	Makalenin içeriğini giriniz.   K Z A B E <				
E Done			🧐 Local intranet			

Figure 51 Article Update Page

TurkaSoft - Microsoft Internet Expl	orer			
Eile Edit View Favorites Tools Help				
🚱 Back 🝷 🐑 🔺 🛃 🐔 🗸	🔎 Search 🛛 👷 Favorites	• 🥴 🔗 - 🌺 🔟 - 🗾		
Address 🕘 http://localhost/TurkaSoftWCM/Yo	netim/Index.aspx			🖌 🄁 Go 🛛 Links 🎇
Yazılım & Donanım Çözümleri v	re Eğitimi	Hoşgeldiniz Sayın, Çatal,Murat (O6	.07.2005)	v1.0 'önetim Sistemi
İcerik Yönetimi	Ana Sayfa⇒Resim Liste	e →Resim Düzenle		<u>^</u>
Araçlar	遂 Resim Yükleme	Ď		
Modüller	Orijinal Resim			
Yardım			Özellikler	
Çıkış	Makaleler		Dosya Adı: buton_04_b.gif Genişlik: 86 pixel Yükseklik: 20 pixel	Ξ
		Resim'e Yazı Ekleme		
		Yazılacak Metin:	Hizalama: 0 1 0 2 0 3 0 4 0 0 0 5 0 6 0 7 0 8	
		Yazı Tipi: Arial v F Kalın: Gölge: Yazı Yaz	Büyüklük: 8 💙 Renk: Siyah 💙	
		Resmi Boyutlandırma		
		Boyut: Çe En:	virme Açısı: 00° ○90° ○180° ○270°	
E Done				S Local intranet

Figure 52 Picture Update Page

🐔 TurkaSoft - Microsoft Internet Explorer					PX
<u>Eile E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools <u>H</u> elp					-
🚱 Back 🝷 🕥 - 💌 🗟 🏠 🔎 Search	Favorites 🚱 🔗	è 🛛 -	<mark>,</mark> 🛍		
Address 🚳 http://localhost/TurkaSoftWCM/Yonetim/Index	.aspx			💙 🄁 Go	Links »
Yazılım & Donanım Çözümleri ve Eğitimi	Hoşgeldiniz Sa	yın, Çatal,Mur	rat (06.07.2005)	TurkaSoft v1.0 Içerik Yönetim Sistemi	
İcerik Yönetimi	i <mark>a → Ana Sayfa Yönetimi</mark> → Ana Sa	yfa İçerik Düzenle	eme		
Araclar	sayfa İcerik Düzenleme				
Modüller * Kutu Başlığı:	Haberler	Kutu	u başlığını girmelisiniz.		
Yardım Menü R	esmi:	Getir Kutu	unun başında görünecek resim.		
Çıkış Kutu Ti	oi: den5 🗸 Gör	Olus seçe	sturacağınız kutu için tanımlı kutu tipleri v. ebilir veya kutu tipi yönetiminden yeni bir k	ardır. Mevcut kutu tiplerinden birini utu tipi tanımlayabilirsiniz.	
Aktif /	Pasif: OPasif	Oluş	şturucağınız kutunun anasayfada gözükme	sini istiyorsanız aktif seçeneğini seçiniz.	
Kutunu	Kutunun içeriğini oluşturabilirsiniz. Bunun için ya içeriği kendiniz oluşturacaksınız veya tanımlı modullerden birini seçeceksiniz. Kutunun içeriğini girmeyebilirsiniz.				
O İçe	🔿 İçeriği ben gireceğim.				
⊙ Var	r olan modüllerden birini seçeceğim.				
Modülle	r: Duyurular 🔽				
	Giriş Sayfası Anketler ri Kı Duyurular	aydet Y	Yayından Kaldır 🛛 << Geri Dön	Ön İzleme	
	İç Menu Yemek Listesi				
Done				S Local intranet	

Figure 53 Homepage Content Management Page

**Note:** There are a lot of forms in project. Above, I only put some of them.

## CONCLUSION

With this project it is aimed to administer and publish mid to large sized web sites, corporate and vertical portals online.

COMAS is built to administer and publish mid to large sized web sites, corporate and vertical portals. After the initial implementation by COMAS Admin, the site owners can easily manage, update and maintain the site.

COMAS has been developed with VB.Net and its powerful architecture. N-tier architecture has been used with presentation, process and database layers.

COMAS's modular structure allows development of custom components according to various needs. With the addition of new modules, the web site or the portal contains all the features and functions you need.

As would be explained in details, the above pages it is agreed to use ASP.NET for web programming language, C# and JavaScript for scripting language and Microsoft Office Access as being the database management system.

Above pages, I explained the advantages of using ASP.NET. At the beginning of project, I have already known these advantages, because of my experience. I only read a lot of articles and joint forums. At the end, I saw these advantages. I can advise everybody to use this platform in order to implement windows applications, web applications and web services.

## REFERENCES

- **Çankaya**, Mehmet Nuri: ASP.NET, Seçkin Yayıncılık(2002)
- Jerke, Noel: Microsoft Office Access 2003 Professional Results, McGraw-Hill Osborne Media(2003)
- Microsoft Corporation: Microsoft .NET Framework SDK Help(2005)
- Yıldırımoğlu, Murat: Internet Information Server, Pusula Yayıncılık(2001)
- Walther, Stephen: ASP.NET Unleashed, Sams(2003)
- Sceppa, David: Microsoft ADO.NET, Microsoft ADO.NET(2002)
- Walther, Stephen: ASP.NET Kick Start, Sams(2003)
- Taşdelen, Aykut: ADO.NET, PUSULA Yayıncılık(2003)
- Algan, Sefer: .NET, Pusula Yayıncılık(2003)
- C# Corner: WWW-page, URL: <u>www.csharp-corner.com</u>(2004)
- Microsoft Corporation: WWW-page, URL: <u>www.gotdotnet.com</u>(2005)
- **DomainSpa LLC:** WWW-page, URL: <u>www.csharpindex.com</u>(2004)
- Nedir?com Topluluğu: WWW-page, URL: <u>www.aspnedir.com</u>(2005)
- Jelsoft Enterprises Ltd.: WWW-page, URL: <u>www.programmersresource.com</u>(2005)
- Nedir?com Topluluğu: WWW-page, URL: <u>www.yazgelistir.com</u>(2005)
- **Refsnes Data:** WWW-page, URL: <u>www.w3schools.com</u>(2005)
- Microsoft Corporation: WWW-page, URL: <u>www.asp.net(2005)</u>
- CMP Media LLC: WWW-page, URL: <u>www.dotnetjunkies.com</u>(2005)
- **DotNetBips:** WWW-page, URL: <u>www.dotnetbips.com</u>(2005)
- **Radore Hosting:** WWW-page, URL: <u>www.maxiasp.net(2004)</u>
- Seeq: WWW-page, URL: <u>www.javasayfasi.com</u>(2005)
- .netWire: WWW-page, URL: <u>www.dotnetwire.com</u>(2004)

- ASPAlliance: WWW-page, URL: <u>www.aspalliance.com(</u>2005)
- SuperDotNet: WWW-page, URL: <u>www.superdotnet.com</u>(2004)
- CodeProject: WWW-page, URL: <u>www.codeproject.com</u>(2005)
- vbCity: WWW-page, URL: <u>www.vbcity.com</u>(2005)
- **O'Reilly Media:** WWW-page, URL: <u>www.ondotnet.com</u>(2005)
- Jupitermedia Corporation: WWW-page, URL: <u>www.codeguru.com</u>(2005)
- **Open Source Technology Group:** WWW-page, URL: <u>http://sourceforge.net(2005)</u>
- Dev Articles: WWW-page, URL: <u>www.devarticles.com</u>(2005)
- Jupitermedia Corporation: WWW-page, URL: <u>www.webreference.com</u>(2005)
- Matthew Reynolds: WWW-page, URL: <u>www.dotnet247.com</u>(2004)
- VB.NET Heaven: WWW-page, URL: <u>www.vbdotnetheaven.com</u>(2003)
- Mindcracker LLC: WWW-page, URL: <u>www.aspdotnetheaven.com</u>(2005)
- Nedir?com Topluluğu: WWW-page, URL: <u>www.csharpnedir.com(</u>2005)
- **Bilgi Yönetimi:** WWW-page, URL: <u>www.bilgiyonetimi.org</u>(2002)
- ASP Objects.com / CSTI: WWW-page, URL: <u>www.aspobjects.com</u>(2005)
- ASP Free Cluster 4: WWW-page, URL: <u>www.aspfree.com</u>(2005)
- ComponentSpace Pty Ltd.: WWW-page, URL: <u>www.componentspace.com</u>(2005)
- InfoGenius Inc.: WWW-page, URL: <u>www.411asp.net(2005)</u>
- **ComponentSource:** WWW-page, URL: <u>www.componentsource.com</u>(2005)
- Chilkat Software: WWW-page, URL: <u>www.example-code.com</u>(2005)
- **DotNet Türk:** WWW-page, URL: <u>www.dotnetturk.com</u>(2004)
- **BOSSdev Inc.:** WWW-page, URL: <u>www.visualasp.com</u>(2005)
- superdotnet.com: WWW-page, URL: <u>www.superdotnet.com</u>(2004)
- Brian Bischof: WWW-page, URL: <u>www.crystalreportsbook.com</u>(2004)

• KnowledgeStorm Inc.: WWW-page, URL:

http://contentmanagement.knowledgestorm.com(2005)

- **Creative Commons:** WWW-page, URL: <u>http://www.cmswiki.com</u>(2004)
- Wikimedia Foundation: WWW-page, URL: <u>http://en.wikipedia.org</u>(2005)
- **DotNetNuke:** WWW-page, URL: <u>http://www.dotnetnuke.com</u>(2005)
- Microsoft Corporation: WWW-page, URL: <u>http://www.microsoft.com</u>(2005)
- İstanbul Kurumsal Gelişim: WWW-page, URL: <u>http://www.projeyonetimi.com</u> (2004)
- mutasyon.net: WWW-page, URL: <u>http://www.mutasyon.net</u>(2004)
- Nedir?com Topluluğu: WWW-page, URL: <u>http://www.yazilimmimarlari.com</u>(2005)
- Nedir?com Topluluğu: WWW-page, URL: <u>http://www.sqlnedir.com(</u>2005)