



KUMARAGURU COLLEGE OF TECHNOLOGY
Department of Computer Science & Engineering
Coimbatore – 641 006.
April 2003.



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TASK MANAGEMENT SYSTEM

PROJECT WORK DONE AT
ZYLOG SYSTEMS LIMITED, CHENNAI.

PROJECT REPORT

SUBMITTED IN PARTIAL FULFILLMENT OF THE
REQUIREMENTS FOR THE AWARD OF THE DEGREE OF
MASTER OF COMPUTER APPLICATIONS
OF BHARATHIAR UNIVERSITY, COIMBATORE.

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Coimbatore – 641 006.

CERTIFICATE

This is to certify that the project work entitled

TASK MANAGEMENT SYSTEM

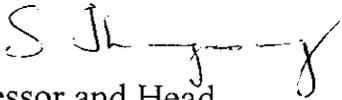
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Submitted in partial fulfillment of the requirements for the award of the degree of

Master of Computer Applications of Bharathiar University.

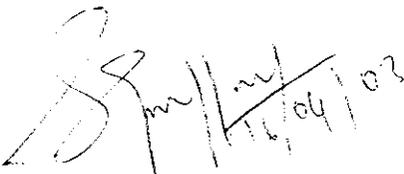


Professor and Head



Internal Guide

Submitted for the University Examination held on 16-04-2003



Internal Examiner



External Examiner

28-Mar-2003.

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Ashok Narayanan** has successfully completed the Project Work undertaken by him at our Organization, as a part of his M.C.A. Course with Kumaraguru College Of Technology. The duration of the Project Work was from Dec-2002 to Mar-2003.

The Project Work was done under the following title.

- **Task Management System.**

During the period of his Project Work, we were impressed by his analytical approach. He always displayed total involvement while carrying out his assignments.

For ZYLOG SYSTEMS LIMITED



Md Fayazuddin
Manager- HR

DECLARATION

I here by declare that the project entitled “ **TASK MANAGEMENT SYSTEM** “, submitted to **Bharathiar University** as the project work of **Master of Computer Applications** Degree, is a record of original work done by me under the supervision and guidance of **Mr. M. Arun Prakash**, Project Leader – Testing and Implementation, ZyLog Systems Limited, Chennai and **Mr. S. Ganesh Babu** M.C.A., Lecturer, Department of Computer Science & Engineering, Kumaraguru College of Technology and this project work has not found the basis for the award of any Degree/ Diploma/ Associate-ship/ Fellowship or similar title to any candidate of any university.

Place : Coimbatore

Date : 08-04-2003



Signature of the Student

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I express my profound respect and sincere gratitude to **Dr. K.K. Padmanaban, Ph.D.**, Principal, Kumaraguru College of Technology, Coimbatore, for his kind co-operation in allowing me to take up this project work.

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SYNOPSIS

The project work entitled “ **Task Management System** “ is an Online System developed at Zylog Systems Limited, Chennai.

“ **Task Management System** “ is used to maintain the daily task details of the Project Leader and the Developer’s involved in an organization. The Developer’s can check for the project, modules and tasks allotted to him by his Project Leader and do his daily routine in usual manner.

The persons involved in the system are Project Leader and Developer’s. When a new developer has been recruited by the organization, the developer’s information is maintained. The new project details that are coming to the organization are maintained. The developers are assigned with various projects, modules and tasks. The tasks that are to be performed by the Project Leader are also maintained. The Project Leader can view the entire tasks that are allotted to his developer’s, can check for the status of the project and update the status.

The Developer can check for the tasks that are allotted to him by his Project Leader. Depending upon the allocation of tasks, he can schedule his daily task. Upon completion of the allotted tasks or modules, he can update the status.

The system is developed using Active Server Pages (ASP), SQL Server, VB Script, Internet Information Services, Microsoft Visual InterDev, Microsoft

CONTENTS

	Page No.
Acknowledgements	
Synopsis	
1. Introduction	01
1.1 Project Overview	02
1.2 Organization Profile	07
2. System Study & Analysis	10
2.1 Existing System – Limitations	12
2.2 Proposed System	13
2.3 Requirements on New System	16
2.4 User Characteristics	17
3. Programming Environment	18
3.1 Hardware & Software Configuration	19
3.2 Description of Software & Tools Used	20
4. System Design & Development	32
4.1 Input Design	33
4.2 Output Design	35
4.3 Database Design	37
4.4 Process Design	40
5. Testing & Implementation	45
5.1 Testing	46
5.2 System Implementation	49
5.3 Refinements based on Feedback	51
6. Conclusion	52
7. Scope for Future Development	54
Bibliography	56
Appendix	58

1. INTRODUCTION

1.1 PROJECT OVERVIEW

“ **Task Management System** “ is used to maintain the daily task details of the Project Leader and the Developer’s involved in an organization. The Developer’s can check for the project, modules and tasks allotted to him by his Project Leader and do his daily routine in usual manner. The system helps to automate the process their-by reducing the burden of maintaining all the information’s manually. The system also helps in generating the reports of particular developer’s task details and task status.

Detailed description about the system :-

The persons involved in the system are

- ☞ **Admin – Project Leader**
- ☞ **User – Developer.**

The various modules that are involved in Admin screen are as follows :

- ☞ Enter his Task
- ☞ New User Information
- ☞ Task Allocation
- ☞ Project Allocation

- ☞ Add Module
- ☞ Testing
- ☞ New Project
- ☞ Task Details
- ☞ Task Status

Enter his Task :-

The tasks that are to be performed on a project for that day by the project leader are entered over here. The project leader can view the entire tasks that he has performed by task details module.

New User Information :-

When a new developer has been recruited by the organization, the developer's information is maintained. The project leader enters the developer's name, gives him an employee id and assigns a user name and a temporary password. The developer can change his password by logging into his account.

Task Allocation :-

Here, the project leader assigns each developer with a project. The tasks and modules, the developer has to perform on a project are allocated with start date and end date.

Project Allocation :-

Here, the project leader assigns each developer with a project. There can be more than one project assigned to each developer. Project allocation has to be performed first before task allocation.

New Project :-

The organization will be getting the new projects. It is the duty of the project leader to maintain the full information's about the project and assigns a project code to it.

Add Module :-

Here, the project leader can enter the various modules that are involved in the project. These modules will be assigned to the developer's along with the project.

Testing :-

Upon completion of the modules and project, the administrator will handover the modules and project to the Testing and Implementation team. Later, the refinements based on feedback are done.

Task Details :-

The project leader can view the tasks that are performed by his developers through this module. He can also view the task details of each employee (or) what

are the task that are performed on a particular date (or) according to particular project name.

Task Status :-

Upon completion of the task, the developer will submit the task to the project leader with completed status. The project leader then checks the module (or) task and makes the status to be verified when it is completely met the end user requirements. Or else he makes the status to be not-completed and sends back to the developer.

The various modules that are involved in User screen are as follows :

- ☞ Enter his Task
- ☞ Allotted Task
- ☞ Task Details
- ☞ Options

Enter his Task :-

The task that is to perform on a project for that day by the developer is entered over here. He can view the entire task that he has performed by task details module.

Allotted Task :-

The developer can view the tasks that are allotted to him by his project leader. By viewing this, he can schedule his day's activities. After completion of the module or tasks, he can change the status from allotted to completed.

Task Details :-

The developer can view the tasks that are performed by him through this module. He can also view the task details that are performed on a particular date or project wise.

Options :-

Here, the developer can able to change his password by entering his old password and then new password. It will prompt to enter the new password again for confirmation, which will be stored in the database.

1.2 ORGANIZATIONAL PROFILE

ZyLog Systems Limited, was established in 1995 by a core team of dedicated visionaries having offices in US and India. The primary goal of ZyLog Systems has been to provide cost-effective, high-quality software solutions and services to benefit its worldwide clients, using the vast expertise of its highly qualified technical team. Over the years, the Company has recorded a rapid pace of growth with turn over of 60 Crores and a team of 300 software Technologists in India and 200 in US.

ZyLog is globally expertise in Wireless / WAP / Palm PC / E-Commerce and Client-Server solutions. The company has clientele of international repute across the globe. In India, the core competence is in Banking, Securities and Insurance.

ZyLog has been very quality conscious and reinforces this in its products as well. The Company was awarded the ISO 9001 in 1999 and striving towards achieving the SEI-CMM level 5.

Our strength lies in

- ☞ Competent and Committed Man Power
- ☞ Robust Technology Management Practices
- ☞ Partnership with Clients in Development
- ☞ Highly Ethical Business Practices
- ☞ Strategic Alliances with Companies who Share the Same Vision

☞ Cost Effective and Proven Offshore Development Model

Services :-

ZyLog System provides a full spectrum of software development and consulting services, targeted at a variety of business sectors. Competitive solutions, customer satisfaction and conforming to quality standards, are the basics of Zylog System's strategies and practices. Our Success factors are quality and result-oriented project management, Fixed time and Fixed price offshore contract options, highly skilled and dedicated human resources, excellent proactive training in cutting edge technologies and software quality standards, and building custom solutions according to the clients' needs.

Our business experience lies in providing synchronization solutions for hand held PCs, office automation, finance and banking, transport, trading, manufacturing, sales force automation, implementation of CRM packages and internationalization of software products.

Our Services include :-

Professional Services

- ☞ IT Consulting Management Consulting
- ☞ Application Development Integration.

Application Development and Integration

- ☞ Mobile Computing Solution
- ☞ Enterprise Reporting Solution
- ☞ Enterprise Application Integration

- œ Network System Solution
- œ Web Application System

Products :-

- œ DP Online
- œ DP 2000
- œ CommPlus
- œ Treasury
- œ SyncMaster
- œ BroadCast

ZyLog's valuable customers include :

UTI Bank Ltd
State Bank of India
State Bank of Hyderabad
The Vysya Bank Ltd
Corporation Bank
Cosmos Co-op Bank Ltd
Punjab Maharashtra Co-op Bank Ltd
Charotar Nagarik Sahakari Bank Ltd
Tata TD Waterhouse
Mafatlal Securities Ltd
Ankit Securities Ltd
JK Securities Pvt Ltd
Southern India Depository Services Pvt Ltd.

2. SYSTEM STUDY AND ANALYSIS

The system analysis is concerned with analyzing systems with a view to make them more effective either by modification or by substantial redesign.

The system analysis involves mainly in developing new information systems; this activity involves investigation of current systems, proposing systems, evaluating possible new systems, designing in detail the new system that is agreed, implementing it and maintaining it during its operational life.

Requirement analysis is used to analyze the knowledge about the existing system. After understanding the limitations of the existing system and the identification of the problems, alternate system solutions are studied and recommendations are made about committing the resources required to design the system. Various studies are done in order to get the information like how the data are processed within the organization, how the data is spread over the organization, how data are searched for within the organization, how safe the data is used within the organization, what is the procedure for data retrieval and transit.

2.1 EXISTING SYSTEM

The existing system uses a manual system for most of the process involved. Most the operations such as entering your task, updating your daily schedule, allotting new task, reviewing the task performed etc., are kept manual.

PITFALLS OF EXISTING SYSTEM :-

- ∞ Most of the operations are maintained manually.
- ∞ There is a redundancy of information entry and multiple documents are present.
- ∞ Inconsistency is maintained overall.
- ∞ The time taken to fetch information is a tedious process.
- ∞ No security. All the users had rights to view all the information.
- ∞ The communication is not effective.
- ∞ Report generation is not possible according to each programmer and on specific date.
- ∞ Wastages of human resources, time etc.,

The above made us to study existing system and construct a new flexible and feasible system.

2.2 PROPOSED SYSTEM

The proposed system should be developed in such a way to overcome the problems faced by the existing system. This can be achieved by using the latest technologies available today. In the proposed system all the operations such as Enter you Task, New User Information, Allocation of Task, Project Allocation, New Project, Add Module, Testing, View and Task Status are made automated and user friendly.

The proposed system named, Task Sheet Management is to do the following :-

The project leaders and developers involved in the organization are stored in the New User Information by giving them a username and password for login. The projects that are coming to the organization is given a project code and stored in the database by the Project Leader. The modules involved in the project are been added and stored in the database. The projects and modules are assigned to each developer and the tasks that are to be performed in that project is assigned to the developer with start date and end date.

The project leader can enter his task descriptions that are to be performed in that project on that date (current date). The project leader can view the task details of all the developers either employee wise or project wise or date wise. The status of the project can be viewed through task status option bar. Initially,

when the project leader assigns the project and modules to the developer, it will be in **'allotted'** mode. When the developer completes the assigned project and modules, he will change the status to **'completed'**. The project leader then checks the completed project and modules given by the developer and once it met the end user requirements, he will change the status to **'verified'** or else to **'not completed'**.

2.2.1 FEASIBILITY STUDY

The purpose of the feasibility study is

- ∞ To gather
- ∞ To analyze and
- ∞ To document the data needed to make an informal intelligent decision regarding a system's practicability.

2.2.2 TECHNICAL FEASIBILITY

The purpose of the technical feasibility is

- ∞ The memory capacity of the existing hardware is quite sufficient for the execution of the system.

- ∞ The speed of the existing hardware and the system is quite sufficient.
- ∞ Technical enhancement may be needed in this system in future, and it will not pose any barriers to estimated budget.

Thus a through study reveals that this project is technically feasible.

2.2.3 ECONOMIC FEASIBILITY

The cost of the system is evaluated here.

- ∞ There is no extra cost needed for implementing the system, because this organization already has an internet facility, network and windows environment.
- ∞ Since it is very easy to use, no training is needed. So training cost can be avoided.
- ∞ This system is flexible so that further enhancement is possible according to the future needs of the users.

2.2.4 OPERATIONAL FEASIBILITY

This system is not complicated for the user for their operations and also provides all the facilities that can be used with the internet technology.

2.3 REQUIREMENTS OF NEW SYSTEM

The system has been designed in order to overcome the pitfalls faced by the existing system and hence should possess the following features.

- ☞ The system should be user friendly
- ☞ It should supports graphical user interface {GUI}.
- ☞ All the operations should be automated.
- ☞ There should not be redundancy and inconsistency.
- ☞ Proper security must be given to each user either as an administrator {or} as a user level entry.
- ☞ Task must be easily allotted to developers or programmers.
- ☞ Retrieval of records must be made easy.
- ☞ Report generation of task details and task status should be possible.
- ☞ The status of the project should be known any time easily.
- ☞ No wastages of human resources and time.

2.4 USER CHARACTERISTICS

To access the system, user needs a rough knowledge about using the Internet. Since it a user-friendly interface system, the events like click and select are only to be used. Therefore user need not have any prior knowledge about the system. Moreover, help topics and tips are been provided wherever necessary, which facilitates users to work with ease.

The client or user using the system should have the following knowledge :-

Server-side User :-

- ☞ The user should atleast have a knowledge about current database.
- ☞ The user should have knowledge about internet technology like Search, use of mailing services etc.,

Client-side User :-

The user should have knowledge about using the Internet.

Programming Environment

3. PROGRAMMING ENVIRONMENT

3.1 HARDWARE SPECIFICATION

The system will be developed and tested on the following hardware specification, and it is recommended on the following hardware specification.

Processor	-	Intel Pentium
Mother Board	-	Intel Original Mother Board
Ram	-	64 MB
Hard Disk	-	4 GB
Ethernet Card	-	Realtek (Ne 2000)
Mouse	-	Logitech (Scroll)
Keyboard	-	Logitech 110 Keys.

SOFTWARE SPECIFICATION

The System is developed using the following software.

Operating System	-	Windows NT Server.
Language	-	Active Server Pages(ASP).
Scripting Languages	-	JavaScript, HTML.
Browsers	-	Internet Explorer 6.0, Netscape Navigator
Web Server	-	Internet Information Server (IIS).
Database	-	SQL Server.

3.2 DESCRIPTION OF SOFTWARES AND PACKAGES USED

The software used to develop the proposed system is as follows :

Active Server Pages :-

A server-side scripting environment. An internet tool for web publications.

SQL Server :-

Database used to store information.

VB Script :-

Scripting language used to run client-side events.

Internet Information Server :-

It provides environment and services that application developers need to quickly create sophisticated web-enabled applications.

Microsoft Visual InterDev, Microsoft Front Page & HTML :-

Internet tools used for web designing.

Windows NT Server :-

Operating System used for the application.

ABOUT THE OPERATING SYSTEM

Windows NT Server is a 32-bit, preemptive operating system that belongs to the Microsoft Windows family of operating system products.

∞ Networking

Windows –NT Server is enabled to work as a network operating system.

∞ Reliability and Stability

Windows-NT is more stable than all other previous versions of windows. Windows NT is a complete, true operating system in itself, not relying on DOS for lower level function.

∞ Graphical User Interface

Windows NT is a 32-bit Operating System with a graphical user interface.

∞ Portability and Flexibility

Windows NT can be portable on variety of platforms. Windows NT flexibility can be a great advantage when implementing a computer strategy for an organization.

☞ **Multi-Tasking Operations**

Because of multitasking operations users can run more than one operations at a time.

☞ **File Systems**

Windows NT supports a variety of file systems, including FAT, NTFS and VFAT.

☞ **Security**

Windows NT's security feature is the advanced security feature available in current operating systems. Its memory protection and auditing and network access can additional qualifications.

☞ **Storage Space**

Windows NT supports a virtually limitless amount of memory and hard disk space. In the case of RAM, Windows NT supports 4 gigabytes. In the case of hard disk, Windows NT supports 16 hex bytes.

☞ **Other Features**

Windows NT has been designed to operate well on the same network as Novell NetWare and Unix file, print and application servers. Windows NT includes tools to provide seamless connectivity to NetWare servers.

ACTIVE SERVER PAGES

ASP stands for Active Server Pages. ASP is a server side technology; this means it works on any web browser, because all the work is done at the web server end. Essentially ASP pages are just normal HTML with scripts embedded in them. You can write your scripts in VBScript, JavaScript or any language, which is Active Script compatible.

Microsoft's documentation describes ASP as "a server-side scripting environment that you can use to create and run dynamic, interactive, high-performance Web server applications." ASP files combine HTML, scripts, and ASP code to enable a much higher degree of interactivity than is possible with plain vanilla HTML. With ASP, programmers working on Windows NT can tailor the way pages are displayed based on outside information. A different image could be displayed each day of the week, or information could be displayed based on a user's age. This process, which is called condition branching, allows ASP to make decisions about what to display based on certain criteria.

HTML, on the other hand, has no way to make this type of decision. It's a display language. In the real world, you'll probably want to interact with users through a web storefront or personalize their experience by offering tailored content. For this, you need the ability to make decisions.

When should you use ASP Pages ?

First, understand when you might use CGI. Web authors use CGI when they want pages generated on the fly, or pages that can change according to user input. If you plan to use CGI, you might consider using ASP technology instead. ASP does have some server technology requirements. If you know you can host your content on a Windows NT machine running IIS, then you are set to incorporate ASP functionality into your Web design.

Basic ASP Objects :-

The two most important standard ASP objects are

∞ Request and

∞ Response.

How files are interpreted ?

Normally, HTML files are "interpreted" on the client side (in a user's web browser). With Microsoft's Active Platform, the server can also interpret files. Interpreting to a server means that before displaying a file in a user's browser, the server will complete some initial steps :

1) It will look at the file's extension. If the file has a standard extension, such as .html or .htm, the server will pass the file to the browser. If the file has an extension of .asp (or .asa), the server will open the file and look for tags that mark

ASP code. ASP code is contained inside special tags: <% before the code begins and %> after it ends.

2) The server evaluates the code contained inside these brackets and replaces it with HTML code. This HTML code is generated based on information about the user's setup or other conditions on the client side.

3) The resulting page, which contains some of the file's original markup and some markup that has been generated with ASP, is sent to the browser that requested it.

Potential Drawbacks :-

- 1) ASP is only available for Windows (NT and 95). It has traditionally required that you be running a Microsoft web server (generally Internet Information Server), though that may change with a product called Chili! ASP, which is marketed as ASP for other servers.
- 2) ASP also uses cookies, which means people using the Lynx browser can't access pages. However, the number of people using Lynx is very small, and they may not be a significant part of your target audience.
- 3) They are browser-specific, so the same code may be interpreted differently depending on the browser being used.
- 4) They can't be used to refer to a database or to store data.

MICROSOFT SQL SERVER 2000

A database is a collection of data viewed as a whole, instead of a group of separate unrelated files. A database system is a computerized record-keeping system, the purpose of which is to maintain the existing information contained in the database and make sure that the information is available on demand.

SQL Server is a Relational Database Management System which uses the Client / Server Architecture. Microsoft® SQL Server™ 2000 extends the performance, reliability, quality, and ease-of-use of Microsoft SQL Server version 7.0. Microsoft SQL Server 2000 includes several new features that make it an excellent database platform for large-scale online transactional processing (OLTP), data warehousing, and e-commerce applications.

Features of SQL Server 2000 :-

Microsoft® SQL Server™ 2000 features include :

☞ Internet Integration.

The SQL Server 2000 database engine includes integrated XML support. It also has the scalability, availability, and security features required to operate as the data storage component of the largest Web sites. The SQL Server 2000 programming model is integrated with the Windows DNA architecture for developing Web applications, and SQL Server 2000

supports features such as English Query and the Microsoft Search Service to incorporate user-friendly queries and powerful search capabilities in web applications.

☞ **Scalability and Availability.**

The same database engine can be used across platforms ranging from laptop computers running Microsoft Windows® 98 through large, multiprocessor servers running Microsoft Windows 2000 Data Center Edition. SQL Server 2000 Enterprise Edition supports features such as federated servers, indexed views, and large memory support that allow it to scale to the performance levels required by the largest Web sites.

☞ **Enterprise-level Database Features.**

The SQL Server 2000 relational database engine supports the features required to support demanding data processing environments. The database engine protects data integrity while minimizing the overhead of managing thousands of users concurrently modifying the database. SQL Server 2000 distributed queries allow you to reference data from multiple sources as if it were a part of a SQL Server 2000 database, while at the same time, the distributed transaction support protects the integrity of any updates of the distributed data. Replication allows you to also maintain multiple copies of data, while ensuring that the separate copies remain synchronized.

☞ **Ease of Installation, Deployment and Use.**

SQL Server 2000 includes a set of administrative and development tools that improve upon the process of installing, deploying, managing, and using SQL Server across several sites. SQL Server 2000 also supports a standards-based programming model integrated with the Windows DNA, making the use of SQL Server databases and data warehouses a seamless part of building powerful and scalable systems. These features allow you to rapidly deliver SQL Server applications that customers can implement with a minimum of installation and administrative overhead.

☞ **Data Warehousing.**

SQL Server 2000 includes tools for extracting and analyzing summary data for online analytical processing. SQL Server also includes tools for visually designing databases and analyzing data using English-based questions.

INTERNET INFORMATION SERVER

Windows 2000 Server includes the built-in Web service, Internet Information Services (IIS) 5.0, which is accessible from popular browsers. IIS 5.0 is the reliable, scalable HTTP portal through which Web sites and Web applications communicate with the outside world.

IIS 5.0 provides all the standard services users expect from a Web server as well as support for the latest Internet standards, including HTTP 1.1, HTTP Compression, Secure Sockets Layer, and Common Gateway Interface (CGI), and the new Internet collaboration standard, Web Distributed Authoring and Versioning { WebDAV }.

In addition, IIS 5.0 goes further than a simple Web server by providing the environment and services application developers need to quickly create sophisticated Web-enabled applications. One of the most significant application development technologies included in IIS 5.0 is Active Server Pages

VISUAL BASIC {VB} SCRIPT

VBScript, the newest member of the Visual Basic family of programming languages, brings active scripting to a wide variety of environments, including Web client scripting in Microsoft Internet Explorer version 3.0 and Web server scripting in Microsoft Internet Information Server version 3.0.

Easy to Use and Learn

If you already know Visual Basic or Visual Basic for applications, VB Script will be very familiar. Even if you don't know Visual Basic, once you learn

VB Script, you're on your way to programming whole family of Visual Basic languages.

ActiveX Scripting

VB Script talks to host applications using Active X Scripting. With ActiveX scripting, browsers and other host applications don't require special integration code for each scripting component. ActiveX scripting enables hosts to compile scripts, obtain and call entry points, and manage the namespace available to the developer. With ActiveX Scripting, language vendors can create standard language run times for scripting. Microsoft will provide run-time support for VB Script. Microsoft is working with various Internet groups to define the ActiveX Scripting standard so that scripting engine can be interchangeable. ActiveX Scripting is used in Microsoft Internet Explorer 3.0 and in Microsoft Internet Information Server 3.0.

VB Script in other Applications and Browsers :

As a developer, you may license VB Script's source implementation at no charge for use in your products. Microsoft provides binary implementations of VB Script for the 32-bit Windows \leq API, the 16-bit Windows API, and the Macintosh \leq . VB Script is integrated with World Wide Web browsers. VB Script and ActiveX Scripting can also be used as a general scripting language in other applications.

HYPER TEXT MARKUP LANGUAGE

To publish information for global distribution, one needs a universally understood language, a kind of publishing mother tongue that all computers may potentially understand. The publishing language used by the World Wide Web is HTML { from HyperText Markup Language }.

HTML gives authors the means to :

- ☞ Publish online documents with headings, text, tables, lists, photos, etc.
- ☞ Retrieve online information via hypertext links, at the click of a button.
- ☞ Design forms for conducting transactions with remote services, for use in searching for information, making reservations, ordering products etc.
- ☞ Include spread-sheets, video clips, sound clips, and other applications directly in their documents.

System Design & Development

4. SYSTEM DESIGN AND DEVELOPMENT

4.1 INPUT DESIGN

The input design is the link that ties information system into the world of users. Input design consists of developing specification and procedures for data preparation, steps necessary to fit transaction data into a form that is usable for computer processing.

First the administrator has to input all the information about the developer in User Information menu. It has the following fields :

Employee Name

Employee ID

User Name

Password

Confirm Password

Rights

After entering all the information's about the developer, then we feed the projects that are coming to the organization. It has the following fields :

Project Name

Project Code

Company Name

Contact Person

Contact Address

Then the modules involved in the project are been added and stored in the database. It has the following fields :

Project Name

Module Name

The projects and modules are assigned to each developer and the tasks that are to be performed in that project is assigned to the developer.

Employee Name

Project Name

Module Name

Start Date

End Date

Task Description

4.2 OUTPUT DESIGN

One of the most important features of an application system for users is the output it produces. Output or Reports is information delivered to users through the application system. Without quality output, the entire system may appear to be unnecessary that the users will avoid using it.

The output design of this system is done so that the output screen consists of all the necessary details presented in an attractive and easy readable form. Reports are main form of output of this system. Reports for this system are prepared in an attractive and easily understandable form.

Here, in the system, the project leader can view the various tasks performed by his developers. He can view the details of his report in the following ways :

Date-wise

Employee Name-wise

Project Name-wise.

The project leader can also view the status of each project. Whether the developer has completed the task in correct schedule etc., The project leader can view the details of his report in the following ways :

Completed Task

Date-wise

Employee Name-wise

The developer too can view the various tasks assigned to him by his project leader. He can view the details of his report in the following ways :

Date-wise

Project Name-wise

The developer can view the status of his project in the following ways :

Date-wise

Pending Task

4.3 DATABASE DESIGN

All the details of the system are stored in the database. The following are descriptions of the tables. The organization of data in a database aims to achieve three major objectives: data integration, data integrity and data independence.

Data Integration :-

In a database, information from several files is coordinated, accessed and operated upon as through it is in a single file. Logically, the information is centralized; physically, the data may be located on different devices and in widely scattered geographical locations, connected through data communication facilities.

Data Integrity :-

Occurrence changes are made to data in one file but not a copy of the same data in another file, when same file is stored in different storage area in a system.

Data Independence :-

Data independence is the insulation of the application programs from the changing aspects of the physical data organization.

TABLE SPECIFICATION

User Information Table :-

Field Name	Data Type	Description
User_ID	Int	User Identification Number
User_Login	Varchar	User Login Name
User_Pwd	Varchar	User Password
User_Level	Int	Administrator or Use rights
Emp_Id	Varchar	Employee Identification No
Emp_Name	Varchar	Employee Name

Task Allocation Table :-

Field Name	Data Type	Description
Allot_Id	Int	Allotment Identification No
Allot_By_Name	Varchar	Project Leader Name
Allot_To_Name	Varchar	Developers Name
Allot_Date	Smalldatetime	Allotment Date
Allot_Prj	Int	Project Allocation
Allot_Task	Varchar	Task Allocation
Allot_Startdate	Smalldatetime	Allocation Start Date
Allot_Enddate	Smalldatetime	Allocation End Date
Allot_Status	Tinyint	Status of the Task
Allot_Reason	Varchar	Allocation Reason

User Task Details :-

Field Name	Data Type	Description
Task_Id	Int	Task Identification No
Task_User_Id	Int	Task User Identification No
Task_Date	Smalldatetime	Task Date
Task_Prj_Id	Int	Task Proj. Identification No
Task_Details	Varchar	Task Details

Employee Project Details :-

Field Name	Data Type	Description
Emp_Prj_Id	Int	Emp Proj Identification No
User_Id	Int	User Identification No
Project_Id	Int	Project Identification No

Project Details :-

Field Name	Data Type	Description
Prj_Id	Int	Project Identification No.
Prj_Code	Varchar	Project Code Number
Prj_Name	Varchar	Project Name

Module Details :-

Field Name	Data Type	Description
Mod_Id	Int	Module Identification No.
Prj_Id	Int	Project Identification No.
Mod_Name	Char	Module Name

Project Testing Details :-

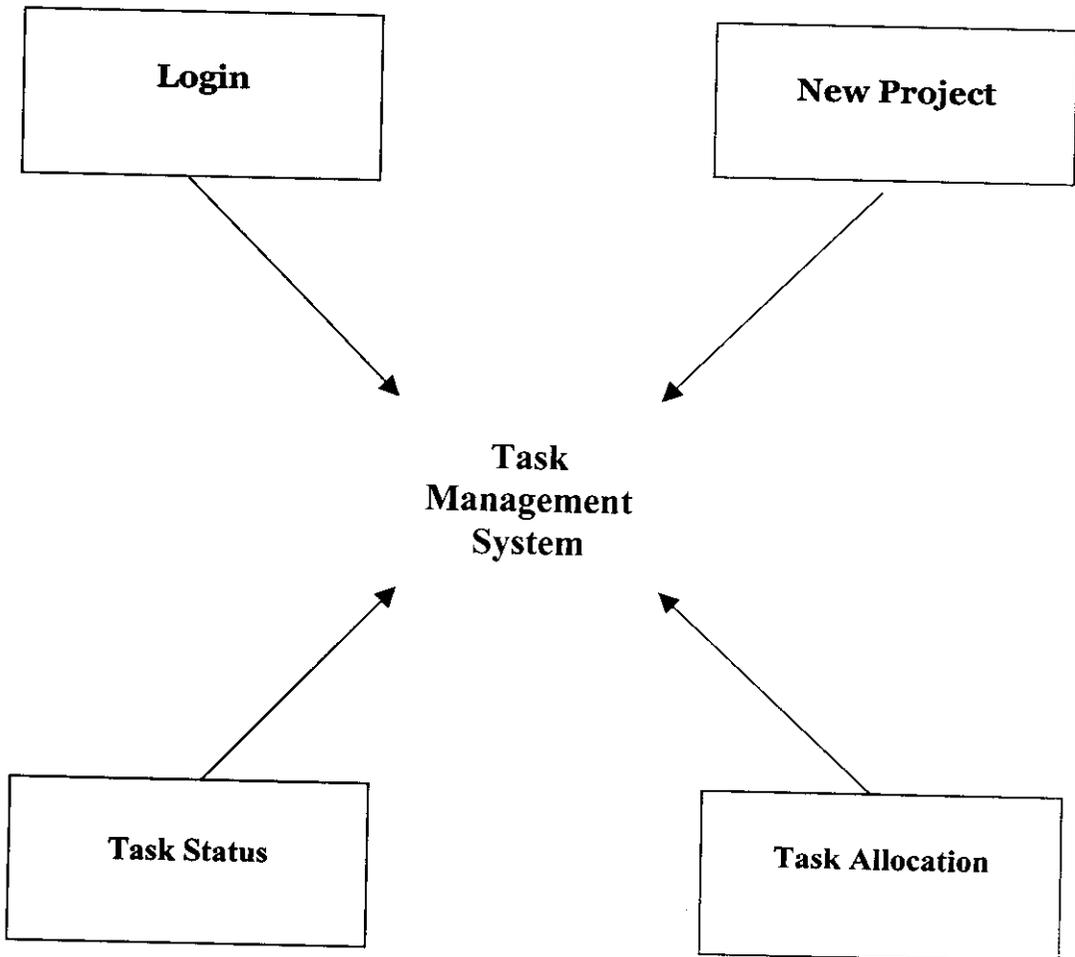
Field Name	Data Type	Description
Test_Prj_Id	Int	Testing Proj Identification
Prj_Id	Int	Project Identification No.
Mod_Id	Int	Module Identification No.
Test_Date	Datetime	Submitted Date
Task_Details	Char	Task Description

4.4 PROCESS DESIGN

The process design helps us to understand, how the flow takes place in the system. The Hierarchical Chart gives the details of the various modules involved in the system. It helps us to know hierarchy of modules i.e. parent child relationship.

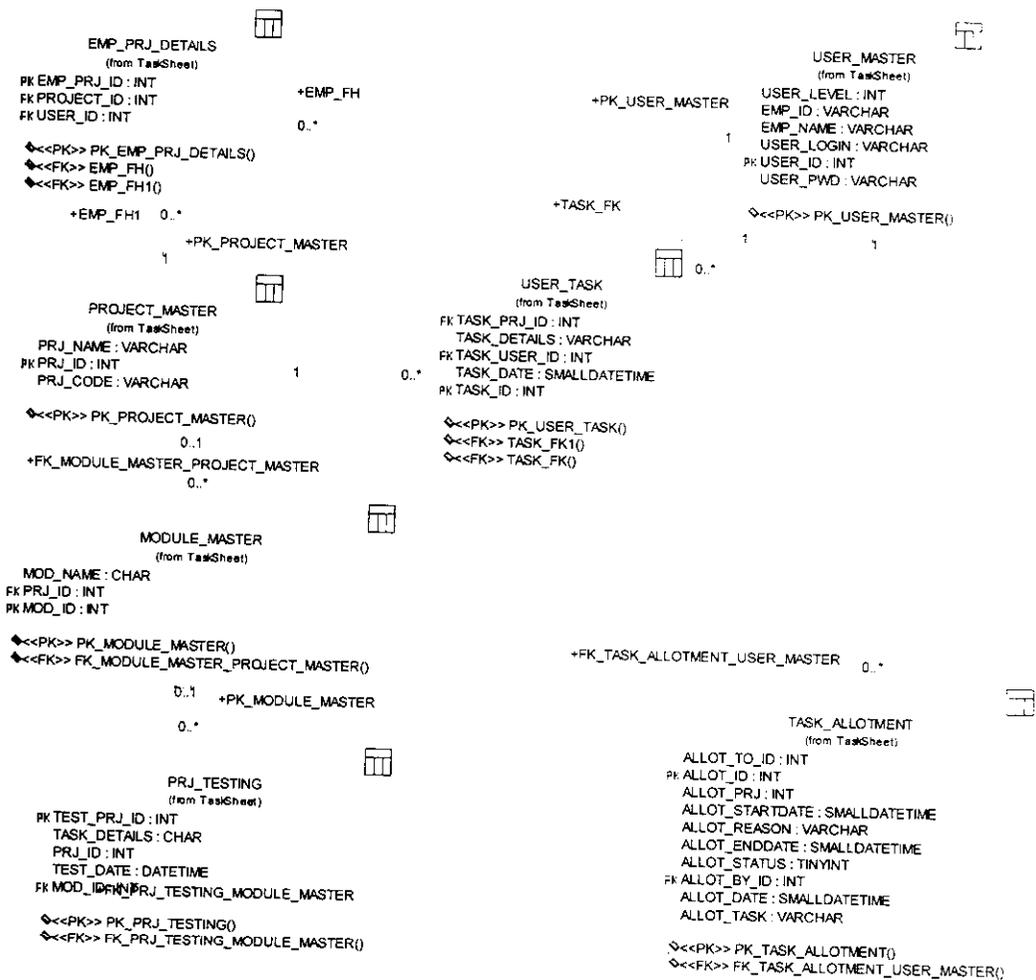
The Context Diagram shows the basic entities involved in the system. The Customer, Product, Supplier are the basic entities involved in the system.

Context Diagram



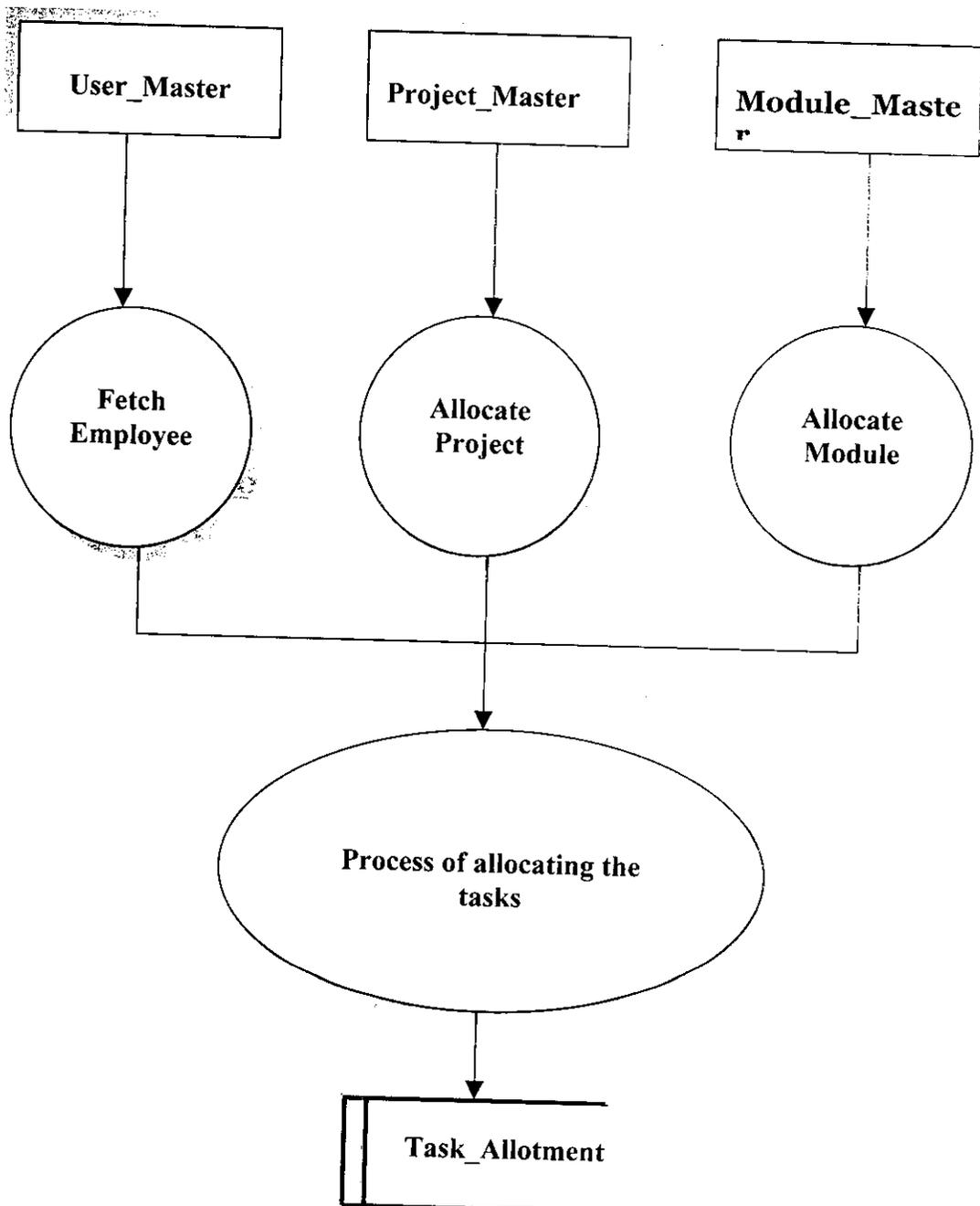
The Entity Relationship {ER} diagram shows how entities are related and what type relationship exists between the entities.

ER DIAGRAM

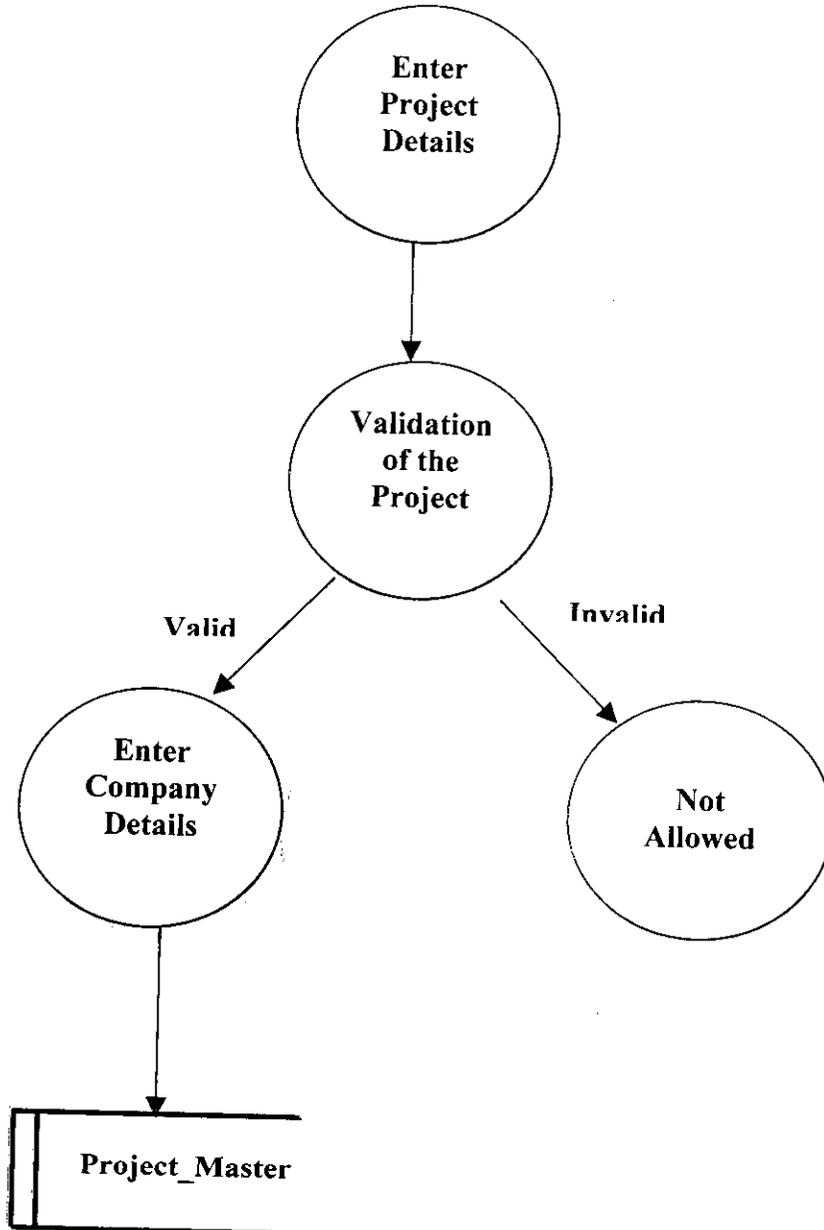


The detailed Data Flow Diagram {DFD} shows how the data flows throughout the system between various entities and data stores.

Data Flow Diagram for User Information



Data Flow Diagram for New Project



Testing & Implementation

5. TESTING AND IMPLEMENTATION

5.1 TESTING

The development of testing of a software system involves a series of production activities where opportunities for injection of human fallibilities are enormous. Error may begin to occur at the very inception of the process where the objectives may be erroneously or imperfectly specified, as well as errors that occur in later design and development stages. Because of human inability to perform and communicate with perfection, software development is accompanied by a quality assurance activity.

Software testing is a critical element of software quality assurance and represents review of specification, design and coding. Testing is a set of activities that can be planned in advance and conducted systematically. For this reason a template for software testing – a set of steps into which we can place specific test case design techniques and testing methods – should be designed for the software engineering process.

UNIT TESTING :-

Unit testing focus on the verification effort of the smallest unit of software design, the module. Using the detailed design description as a guide, important

control paths are tested to uncover errors within the boundary of the module. The relative complexity of the tests and the errors detected as a result is limited by the constrained scope established for unit testing. The unit test always white – box oriented, and the step can be conducted in parallel for multiple modules.

Each and every unit of the system has been tested with real time inputs. The units are also tested with user-generated inputs for precise execution and error finding.

INTEGRATION TESTING :-

Integration testing is a systematic technique for constructing the program structure while at the same time conducting tests to uncover errors associated with interfacing. Each module is integrated with each other and the testing done.

The integration testing can be done in two ways, Assembly driven or interface driven. In assembly driven approach each module is developed individually and integrated to the main system as and when it is developed individually and integrated after the completion of all the modules.

The proposed system is tested using the assembly driven approach. Each module is developed, upon completion of a module it is integrated with the main

system and the integration testing is carried out. Since a single developer develops the entire system, this approach is adopted.

SYSTEM TESTING :-

System testing is incorporated with the other system elements and a series of system integration and validation tests are conducted. These tests fall outside the scope of the software engineering process and are not conducted solely by the software developer. However, steps taken during software design and testing can greatly improve the probability of successful software integration in the larger system.

System testing is actually a series of different tests whose primary purpose is to fully exercise the computer – based system. The proposed system is tested on different networks and on systems with different network adapters and different hardware configurations.

Implementation is concern with those tasks leading immediately to a fully operational system. It involves programmers, users and operations management, but its planning and timing is a prime function of the system analysis. It includes the final testing of the complete system to user satisfaction, and supervision of the initial operations of the new system.

5.2 SYSTEM IMPLEMENTATION

In implementing the theoretical design is turned into a working system and then to monitor the operation of the system to ensure that it continues effectively and efficiently. It involves careful planning, investigation of the current system and it's constraints on implementation. The system is implementation only after the through test is done on each of its subsystem and checking for, whether it is working according to the specification.

Implementation consists of

- ☞ Necessary changes are made to this system as described by the users.
- ☞ Developed package is tested using local machine as server and also with real server.
- ☞ All the errors are corrected.
- ☞ Hardware and software utilities are installed.

Since the project consists of several modules. The modules cannot be implemented individually. The other modules are integrated for the successful implementation.

The system was implemented in the organization and the various process are executed for the purpose of showing a demonstration to the organization people. The officials of the organization are quite satisfied and they came up with

more ideas, which will make the system more efficient with some new features.
The system satisfies the entire design objectives as given in the previous sections.

PERFORMANCE

Reliability :-

The system is expected to have maximum reliability because it has undergone the various testing process.

Availability :-

The system will be available to the users all times through the network.

Security :-

Only authorized users are allowed to access the system by providing unique userid and password to the employees who wish to use the system.

Maintainability :-

This product doesn't need any special maintenance and is simple to use.

Portability :-

The probability of the system is guaranteed across Windows 9x/NT/2000.

5.3 REFINEMENTS BASED ON FEEDBACK

Refinements based on the feedback of the user are done to the system. The refinements such as

- ∞ Missing errors are corrected when the user sends a feedback on it.
- ∞ Interface design is altered based on the feedback of the user.

6. CONCLUSION

The project entitled as “ **Task Management System** “ has been developed and implemented successfully. The application was tested with the user requirements and verified for the validity. The software requirements have been met. The necessary and needed documents have been generated and adequate documentation has been provided for maintenance of the system.

The system is designed in such an extendable fashion to incorporate the future changes into the system easily. The various user-friendly features are introduced in this project. The system is developed according to the requirements specified by the organization. All the dynamic links to the other pages are generated and were tested with the actual system. And the application can be run in any browser as it is mainly designed for Internet application. There are several more future enhancements are kept in mind which are to be implemented to increase the power of the system.

7. SCOPE FOR FUTURE DEVELOPMENT

“ **Task Management System** “ is a software for ZyLog Systems Limited. Since it is an Internet based project, modifications and updations can be easily done. At any point of time, HTML pages can be attached with hyper links to the existing page, without affecting the existing pages.

In future the system may be open to all with free of cost. The enhancements such as mailing facilities within the organization, time taken by each developer to do particular task, module or project could be calculated.

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- {4} www.w3schools.com/asp/**
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SCREEN SHOTS

Administration Screen - User Information

56 

Enter Task **New User** **Allot Task** **Assign Project** **New Project** **Add Module** **Testing** **View** **Task Status** **Logout**

User Details

Employee Name : Ashok
Employee Id : zs001

User Information

Employee Name

Employee Id

User Name

Password

Confirm Password

Rights Admin User

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New Project

56

- Enter Task
- New User
- Allot Task
- Assign Project
- New Project
- Add Module
- Testing
- View
- Task Status
- Logout

User Details

Employee Name : Ashok
Employee Id : zs001

New Project

Project Name:	<input type="text" value="NESDA"/>
Project Code:	<input type="text" value="pr007"/>
Company Name:	<input type="text" value="National Electronics Services"/>
Contact Person:	<input type="text" value="Mr. Paul"/>
Contact Address:	<input type="text" value="ZyGlobe, #33, Wroll Avenue, Hudson Bay, California."/>
	<input type="button" value="Go"/>



Add Module



5/5
100%

- [Enter Task](#)
- [New User](#)
- [Allot Task](#)
- [Assign Project](#)
- [New Project](#)
- [Add Module](#)
- [Testing](#)
- [View](#)
- [Task Status](#)
- [Logout](#)

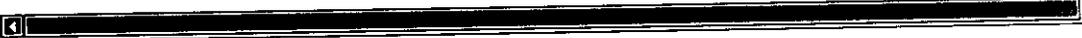
User Details

Employee Name : Ashok
Employee Id : zs001

Add Module

Project Name:
Module Name:

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Project Allocation

Enter Task

New User

Allot Task

Assign Project

New Project

Add Module

Testing

View

Task Status

Logout

User Details

Employee Name : Ashok
Employee Id : zs001

Project Allocation

Employee Name:
Project:

Task Allocation

SP
12

- Enter Task
- New User
- Allot Task
- Assign Project
- New Project
- Add Module**
- Testing
- View
- Task Status
- Logout

User Details

Employee Name : Ashok
Employee Id : zs001

Task Allocation

Employee Name	Senthil
Project	IDS
Module	Cost
Start Date	25/02/2003
End Date	28/02/2003
Task Description	Validation for Front Office Money Lend/Borrow, Changes in Broker and Bond Form

on 02/25/2003 2:07:12 PM

Enter your Task

Enter Task New User Allot Task Assign Project New Project Add Module Testing View Task Status Logout

User Details

Employee Name : Ashok
Employee Id : zs001

Enter Your Task

Project: NESDA

Module: Front Office

Task Description on 02/25/2003 4:57:25 PM

SP creation for front office module . SP document design for MIS
counterparty exposure limit

Go

Testing Allocation

177 

Enter Task New User Allot Task Assign Project New Project Add Module Testing View Task Status Logout

User Details

Employee Name :
Employee Id :

Testing Team Project Allocation

Project Name:
Module Name:
Submitted Date:

Task Description:

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Task Details

5/2
5/2

Enter Date

 Employee Name
 Project Name

Task Details

Employee Name	Task Date	Project	Task Description
RamKumar	2/24/2003 6:21:00 PM	WizTreasury	Validation for Front Office Money Lend/Borrow. Changes in Broker and Bond Form
Arul Anandam	2/24/2003 6:19:00 PM	WizTreasury	SP creation for front office module , SP document design for MIS counterparty exposure limit
SenthilKumar T	2/21/2003 6:36:00 PM	WizTreasury	Created DB sp for Call Money Operations;
Arul Anandam	2/21/2003 6:22:00 PM	WizTreasury	Changes incorporated in trade_log , , exception log
Arul Anandam	2/21/2003 6:21:00 PM	WizTreasury	SP creation for trade validation with Input value
Arul Anandam	2/21/2003 6:20:00 PM	WizTreasury	SP creation for front office callmoney transaction
RamKumar	2/21/2003 6:19:00 PM	WizTreasury	Calculation part for Front Office Money Lend/Borrow. Popup window - record selection during form load.
Thanigai velan	2/21/2003 5:59:00 PM	WizTreasury	21/02/2003 -- Testing Correction given by VijayaBabu
Thanigai velan	2/21/2003 5:58:00 PM	WizTreasury	19/02/2003 --- Unit Test Of My Modules
Thanigai velan	2/21/2003 5:58:00 PM	WizTreasury	20/02/2003 -- Testing for Mr.Vijayababu Modules
Thanigai velan	2/21/2003 5:57:00 PM	WizTreasury	18/19/2003 -- Reporting Friday Finsihed with Test Cases and CDD

User Screen - Enter your Task

Enter Task

Alloted Task

View Task

Option

Logout

User Details

Employee Name : Belaji
Employee Id : zs012

Enter Your Task

Project: DP Online

Module: Slip Settings

Task Description on 02/25/2003 5:38:02 PM

Create DB sp for Front Office Operations; Created Sp document for
Front office Db Sp; Create Sp for reporting on friday

Go

Task Details

Enter Task

Alloted Task

View Task

Option

Logout

Enter Date 2/21

Project Name

Task Sheet Details

Task Date	Project	Task Description
2/24/2003 6:21:00 PM	WizTreasury	Validation for Front Office Money Lend/Borrow. Changes in Broker and Bond Form
2/21/2003 6:19:00 PM	WizTreasury	Calculation part for Front Office Money Lend/Borrow. Popup window - record selection during form load.
2/21/2003 5:52:00 PM	WizTreasury	20/02/03 - Front Office Lend/Borrow UI Design and test case.
2/21/2003 5:50:00 PM	WizTreasury	18/02/03 - Corporation UI Design & View Operation; Testing Broker and Issuer form
2/21/2003 5:50:00 PM	WizTreasury	19/02/03 - Corporation Add, Update & Update Operation.
2/17/2003 5:38:00 PM	WizTreasury	Changes in Instrument Status Desing and Updation.
2/17/2003 5:38:00 PM	WizTreasury	Testing forms
2/15/2003 6:55:00 PM	WizTreasury	Bonds Municipality - Primary, Supplementary & callable/Puttable validation.
2/15/2003 6:27:00 PM	WizTreasury	Functions - Test Case & DDD; Instrument Status UI Design & Updation
2/14/2003 6:06:00 PM	WizTreasury	Bonds Municipality add, update, delete operation.
2/14/2003 6:04:00 PM	WizTreasury	Municipality Broker - Validations & Changes in function Screen
2/14/2003 6:03:00 PM	WizTreasury	Municipality Broker - Validations & Changes in function Screen
2/13/2003 6:46:00 PM	WizTreasury	Bond Municipality UI Design and combo loading
2/10/2003 4:41:00 PM	WizTreasury	Market Convension Screen Design
2/7/2003 6:19:00 PM	WizTreasury	Broker primary info, debt.info and equity info validation completed.
2/6/2003 6:21:00 PM	WizTreasury	Broker - Add, Save, Delete operation Completed
2/5/2003 8:40:00 PM	WizTreasury	Broker - Debt and Equity controls are enabled and disabled.

Task Status

[Enter Task](#)
[Alloted Task](#)
[View Task](#)
[Option](#)
[Logout](#)

All
 Pending Task
 Particular Date:

Task Allotted

Allotted By	Submit Date	Project	Task To Do	Start Date	End Date	Status	Reason
Jeyaseela Pandian	2/17/2003 2:33:00 PM	WizTreasury	(De)Active Status	2/17/2002	2/17/2002	Alloted	
Jeyaseela Pandian	2/15/2003 11:42:00 AM	WizTreasury	Desgin Munis Screen	2/13/2002	2/13/2002	Alloted	
Jeyaseela Pandian	2/15/2003 10:59:00 AM	WizTreasury	Prepare Functions testcase. (De) Active Screen Design	2/15/2003	2/15/2003	Completed	Completed
Jeyaseela Pandian	2/10/2003 12:26:00 PM	WizTreasury	Market Convension Screen Design and Unit Testing	2/10/2002	2/10/2002	Completed	Design and Testing Completed
Jeyaseela Pandian	2/6/2003 4:19:00 PM	WizTreasury	Broker screen	2/6/2002	2/6/2002	Completed	Broker Screen Completed
Jeyaseela Pandian	2/3/2003 11:06:00 AM	WizTreasury	Create new ASP Screen for Functions	2/3/2002	2/3/2002	Completed	UI Design for Function Completed
Jeyaseela Pandian	1/24/2003 6:55:00 PM	WizTreasury	Plase collect error list from Testing team and Debug the Error	1/27/2003	1/27/2003	Completed	Corrected
Jeyaseela Pandian	1/24/2003 6:40:00 PM	WizTreasury	All funtions and Issuer with unit testing	1/27/2003	1/27/2003	Completed	Ok
Jeyaseela Pandian	1/22/2003 12:27:00 PM	WizTreasury	issuer screen with all testing in dotnet Platform	1/22/2003	1/22/2003	Completed	Completed

Test Cases, Report & Review Form

Project Name Task Management System
Project Code 12-02-Task
Type of Testing Unit Testing
Module / Unit Name Task Allocation
Module / Unit
Developed By G. Ashok Narayanan
Reviewed By Mr. M. Arun Prakash
Tested By G. Ashok Narayanan
Tested On 12/3/03

Ref. No.	Field Name	Test Case Description	Expected Result	Actual Result	No. of times repeated
1	Employee Name	a) Mandatory b) Select from Combo Box.	Accept and Proceed		
2	Project Name	a) Mandatory b) Select from Combo Box.	Accept and Proceed		
3	Module Name	a) Mandatory b) Select from Combo Box.	Accept and Proceed		
4	Start Date	a) Enter a valid date b) Should be dd/mm/yyyy format c) Other date format is entered d) Mandatory	Accept and Proceed Accept and Proceed Not to accept		
5	End Date	a) Enter a valid date b) Should be dd/mm/yyyy form c) Should be greater than Start Date. c) When end date is less than Start Date. d) Mandatory	Accept and Proceed Accept and Proceed Accept and Proceed Not to accept		
6	Task Descriptions	a) Mandatory b) Maximum 100 characters	Accept and Proceed		

Test Cases, Report & Review Form

Project Name Task Management System
Project Code 12-02-Task
Type of Testing Unit Testing
Module / Unit Name User Information
Module / Unit
Developed By G. Ashok Narayanan
Reviewed By Mr. M. Arun Prakash
Tested By G. Ashok Narayanan
Tested On 12/3/03

Ref. No.	Field Name	Test Case Description	Expected Result	Actual Result	No. of times repeated
1	Employee Name	a) Mandatory			
		b) String		Accept & Proceed	
		c) Maximum 30 characters		Accept & Proceed	
		d) Enter Special Character	Not to accept		
2	Employee ID	a) Mandatory			
		b) Can be Alphanumeric		Accept & Proceed	
3	User Name	a) Mandatory			
		b) String		Accept & Proceed	
		c) Maximum 15 characters		Accept & Proceed	
4	Password	a) Mandatory			
		b) Can be Alphanumeric		Accept & Proceed	
		c) Minimum of 5 characters		Accept & Proceed	
		d) Less than 5 characters	Not to accept		
5	Confirm Password	a) Mandatory			
		b) Can be Alphanumeric		Accept & Proceed	
		c) Minimum of 5 characters		Accept & Proceed	
		d) Less than 5 characters	Not to accept		
6	Rights	a) Check box.		Accept & Proceed	

BUG REPORT

Project Name Task Sheet Management
Module Name Task Status - Administrator
Level Of Testing Unit

Defect ID	Defect Description	Test Case Reference	Tested By	Tested Date	Status	Severity	Priority	Plan to Fix By	Plan to Fix Date	Fixed By
-----------	--------------------	---------------------	-----------	-------------	--------	----------	----------	----------------	------------------	----------

- 1 The alignment of the grid is not proper. Ashok G 17-Mar-03 New Medium
- 2 When we want the details for particular date, it is not showing correctly. Ashok G 17-Mar-03 New High
- 3 There is no select option default in the combo box of Employee Name. Ashok G 17-Mar-03 New Low
- 4 The spacing between the checkbox is not properly alligned. Ashok G 17-Mar-03 New Low

BUG REPORT

Project Name Task Sheet Management
Module Name User Information
Level Of Testing Unit

Defect ID	Defect Description	Test Case Reference	Tested By	Tested Date	Status	Severity	Priority	Plan to Fix By	Plan to Fix Date	Fixed By
-----------	--------------------	---------------------	-----------	-------------	--------	----------	----------	----------------	------------------	----------

- 1 The employee name accepts more than 30 characters Ashok G 14-Mar-03 New Medium
- 2 The user name accepts more than 30 characters Ashok G 14-Mar-03 New Medium
- 3 When we enter less than 5 characters in the password field, it accepts. Ashok G 14-Mar-03 New High
- 4 The spacing between the textbox is not proper. Ashok G 14-Mar-03 New Low
- 5 The left side of the screen we have User Details. Pls arrange the Employee Name and Id properly. Ashok G 14-Mar-03 New Low

SAMPLE CODING

```
<%
option explicit
if session("userid") = "" then Response.Redirect "\
'Database connection
dim rsprm, strServerName, strDbName, connStr, objTemp, strsql, blnuseric
dim rsPrjMaster
dim rsEmpList
dim rsEmpName
Set objTemp = Server.CreateObject("Adodb.Connection")
strServerName = "ZSW099"
strDbName = "TaskSheet"
connStr = "Driver={SQL Server};Server=" & strServerName & ";Database=" &
strDbName & ";user id=sa"
objTemp.Open(connStr)
strsql= "Select
ALLOT_ID,ALLOT_BY_ID,ALLOT_TO_ID,ALLOT_DATE,ALLOT_PRJ,ALLOT_TASK,ALLOT_STARTDAT
E,ALLOT_ENDDATE,ALLOT_STATUS,ALLOT_REASON from TASK_ALLOTMENT where ALLOT_TO_ID
='&session("userid")&' ORDER BY ALLOT_DATE DESC"
set rsprm = objTemp.Execute(strsql)
' Fetch Employee List
strsql= "select USER_LOGIN,EMP_ID,EMP_NAME from USER_MASTER"
set rsEmpList = objTemp.Execute(strsql)
if Request.Form("txtdate") <> "" then
strsql= "Select
ALLOT_ID,ALLOT_BY_ID,ALLOT_TO_ID,ALLOT_DATE,ALLOT_PRJ,ALLOT_TASK,ALLOT_STARTDAT
E,ALLOT_ENDDATE,ALLOT_STATUS,ALLOT_REASON from TASK_ALLOTMENT where
convert(smalldatetime,convert(varchar,ALLOT_DATE,103),103) = '&
trim(Request.Form("txtdate"))&' and ALLOT_TO_ID = '& session("userid")&'
ORDER BY ALLOT_DATE DESC"
set rsprm = objTemp.Execute(strsql)
end if
if Request.Form("optrights") = 1 then
strsql= "Select
ALLOT_ID,ALLOT_BY_ID,ALLOT_TO_ID,ALLOT_DATE,ALLOT_PRJ,ALLOT_TASK,ALLOT_STARTDAT
E,ALLOT_ENDDATE,ALLOT_STATUS,ALLOT_REASON from TASK_ALLOTMENT where
ALLOT_STATUS = 0 and ALLOT_TO_ID = '& session("userid")&' ORDER BY ALLOT_DATE
DESC"
set rsprm = objTemp.Execute(strsql)
end if
%>
```

```
<SCRIPT LANGUAGE=javascript>
```

```
function showcalender(){
winDescription =
window.open("calendar.asp?tname=txtdate&fname=frmTaskAlloted",+
"Cal", 'scrollbars=no,Height=187px,
Width=255px,Top=172px,Left=155px,center=Yes,help=no, resizable=no, status=no')
winDescription.focus()
}
</script>
```

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
```

```
<html>
```

```
<head>
```

```
<title>Task Management</title>
```

```
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1">
```

```
<link href="images/style.css" rel="stylesheet" type="text/css">
```

```
</head>
```

```
<form name="frmTaskAlloted" action="taskAlloted.asp" method="post">
```



```



```

```

        <td width="5%" bgcolor="#ffffff"><%=rsEmpName("EMP_NAME")%></td>
            <td width="8%"
bgcolor="#ffffff"><%=rsprm("ALLOT_DATE")%></td>
                <%strsql= "select PRJ_NAME,PRJ_ID from PROJECT_MASTER where
PRJ_ID ="&trim(rsprm("ALLOT_PRJ"))
                set rsPrjMaster = objTemp.Execute(strsql)%>
                <td width="15%"
bgcolor="#ffffff"><%=rsPrjMaster("PRJ_NAME")%></td>
                    <td width="20%"
bgcolor="#ffffff"><%=rsprm("ALLOT_TASK")%></td>
                        <td width="8%"
bgcolor="#ffffff"><%=rsprm("ALLOT_STARTDATE")%></td>
                            <td width="8%"
bgcolor="#ffffff"><%=rsprm("ALLOT_ENDDATE")%></td>
                                <% if rsprm("ALLOT_STATUS") = 0 then %>
                                    <td width="8%" bgcolor="#ffffff"><a
href="taskstatus.asp?usrtaskid=<%=rsprm("ALLOT_ID")%>">Alloted</a></td>
                                        <%elseif rsprm("ALLOT_STATUS") = 1 then %>
                                            <td width="8%" bgcolor="#ffffff">Completed</td>
                                                <%else%>
                                                    <td width="8%" bgcolor="#ffffff">Verified</td>
                                                        <%end if%>
                                                            <td width="20%"
bgcolor="#ffffff"><%=rsprm("ALLOT_REASON")%></td>
                                                                </tr>
                                                                    <%
rsprm.MoveNext
loop
%>
</table>
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cellspacing="0" bgcolor="#ffffff">
    <tr>
        <td height="10" bgcolor="#e0e0e0" ></td>
    </tr>
    <tr>
        <td height="1" bgcolor="#666666"><IMG height=1
src="images/blank.gif" width=200></td>
    </tr>
</table></td>
</tr>
</table></TD></TR></TABLE>
<table width="100%" height="10" border="0" cellpadding="0" cellspacing="0"
bgcolor="#ffffff">
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        <td height="10" align="middle" class="tabletext11"><div
align="center"></div></td>
    </tr>
    <tr>
        <td height="1" bgcolor="#000000"><IMG height=1 src="images/blank.gif"
width=500></td>
    </tr>
</table>
<div align="center"><span class="tabletext11">Copyright
    ©2002 Zylog Systems, Inc. All rights reserved. </span> </div>
</center>
</body>
</form>
</html>

```