**A PROJECT REPORT ON**

News Portal

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**CERTIFICATE**

This is the certify that the report on

Website on News Portal

Shailesh Limbadiya, Dharmendra D. Meniya,

Vivek S. Mishra, Kuntal H. Vagadiya

Has been successfully completed the project of Marwadi Education Foundation Group of Institution. As on subject for Sem-V from our College for the year 2014-2015

He has successfully demonstrated it to staff. We are satisfied with their performance.

Date: - \_\_\_/\_\_\_\_/20\_\_

Project in charge Dean

(Pro. Pritesh Madlani) (Dr. R. Shreedharan) Marwadi Education Foundation Marwadi Education Foundation

Rajkot. Rajkot.

Welcome

To

My Project



**Description Page No.**

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The project report is submitted as a part of the course leading to the Master of Computer Application conducted by Marwadi Education Foundation Group of Institutions Rajkot.

The project work invoked the development, testing and implementation of the News uploading and it’s pursued as the people can easily know the news.

The structure development process like process diagram, E-R-diagram and input output layouts are made use of while discussing the system thus insight to the system development life cycle. The technical sorts and technology used in the system are well in the report at the appropriate place

Anyone interested knowing how the system works is a candidate reader for this material. It can serve as the instructor’s manual as well as self – study and pragmatic guide to the one using the system.

The objective of this report is to provide both conceptual and understanding of the system as well as working guide.





Our Website, which you are using, is the result of many people’s dedication. It is the cumulative efforts of many minds working together day and night that gave us the contentment of developing the software.

Special thanks to Prof. Pritesh Madlani the Co-coordinator of and Director for his great support. We express our gratitude to for guidance and who kept the things on track and also to all other faculty members who helped us directly or indirectly.

Last but not least our Acknowledgement goes to all the well- wishers of our project for their excellent support in all aspects

* Shailesh K. Limbadiya.
* Dharmendra D. Meniya.
* Vivek S. Mishra.
* Kuntal H. Vagadiya.



Hardware is most important part if the project. The configuration of hardware is given below.

* **Server**
* **PC with Processor:** Minimum Pentium IV at 2 GHz
* **RAM:** Minimum 2 GB
* **Disk Space:** Minimum 5 GB (Excluding Data size)
* 104 Key board, monitor, mouse
* **Client**
* **PC with Processor:** Minimum Pentium IV at 1GHz
* **RAM:** Minimum 512 MB
* **Disk Space:** Minimum1GB
* 104 Key board, monitor, mouse



Software is most important part of the project. The configuration is given below.

* Server
* MS Windows 7.
* MS Windows 8.1
* MS Office 2007
* Adobe Dream viewer CS3.
* Adobe Dream viewer CS6.
* xampp-win32-1.8.3
* Client

#### ο Window 7 or Windows 8.1

ο Browser (Mozilla Firefox 15.0 /Netscape Navigator 4.5)

(Should support JavaScript, Java Applets)



The Internet is a computer networks that connects millions of computers globally and provides worldwide communication to business, home, school and government etc.

The World Wide Web (WWW) is the newest internet service the Growth of the internet service, has accelerated the growth of the internet by giving it and easy to use, point and click graphically interface. Users are attracted to the WWW because it is interactive, because it is easy to use and because it combines graphics text, sound, and animation making it a rich communication medium.

The World Wide Web (WWW) or the Web is a system for organizing, linking and providing point and click access among related internet files, resources and services. The point and click access is due to the underlying hypertext or hypermedia approach of web search engine. The web is an internet based navigational distribution and management system with tremendous potential for commerce, which has just begun to be exploited. The web has become an integral part of the internet.

The web facility on the internet is made up of a collection of servers and clients that can exchange information. According to interNIC’s internet Domain Survey, January 1998, more than 29 million web host computer supports interactive hypermedia information. These are the “website” on the internet. The web is a distribution system, since pieces of information are stored on different web server worldwide in the Hyper Text Markup Language (HTML). Prominent web browsers are Mosaic, Netscape and Internet Explorer.

The world web has grown in an anarchic manner, like the internet itself. No person, company or organization on the Web. It is the distribution system with millions of users, and perhaps an equal number of Web authors, who contribute to these electronic warehouse. The application of this global database range is education to entertainment to government to commerce.

Web sites are hosted by educational, commercial and government institutions. According to the statistics available Anonymous FTP from nic.merit.edu, the web traffic comprises the following:

U.S Educational-49 %

U.S Commercial-20%

U.S Government-9%

Other countries-22%



* **Introduction**

Internet is the world’s largest computer network, the network of networks, scattered all over the world. It was created nearly twenty five years ago as a project for the U.S. Department. Its goal was to create a method for widely separated computers to transfer data efficiency even in the event of nuclear attack. From a handful computers and users, today the Internet has grown to thousands of regional networks that can connects millions users. This global network is not owned any single individual, company or country.

What is special about the Internet?

We live in the Information Age, where knowledge is power. Internet helps in three obvious ways.

=> To Get Information.

=> To Provide Information.

=> To Compile Information.

* Getting Information.

User can get information about people, product, organization, research data, electronic several of printed media etc. from the internet. The most recent and very successful attempt at presenting information over the internet is World Wide Web(WWW).

* Providing Information

For an organization or institution, setting up a home page is a good way to let the world know what it products and services are. The Internet also disseminates information.

* + - Publishing including full text articles, reports, illustrated articles, abstracts, computer programs, and demonstration.
    - Extension, in which some of the delays associated with the printed media, may be reduced.
    - Teaching. The possibilities here include both distance learning and assistance for students.



(\*) Overview:

The explosive growth of the World Wide Web is relatively unprecedented, although it resembles the desktop publishing revolution of the early and mid-1980s.

Suddenly the same kind of the growth is being seen as folks rush to create and publish pages of a different sort. To do this they need to learn to use something called the hypertext markup language (HTML).

Hyper Text Markup Language (HTML) is a computer language used to build web pages. HTML was invited by Jim Benders Lee at CERN Geneva’s Practical Physical Laboratories in 1980.

HTML is used to define the different parts of our page such as which part of our document is a title, which part is to be emphasized, which part should include an image and so forth.

HTML is more suited to the task. Design with this consideration in mind, HTML lets you, the designer, create page that you are reasonably sure can be read by the entire population of the web. Even user who is unable to view your graphics, for instance, can experience the bulk of that you are communicating if you design your HTML page properly.

HTML is public standard and simple enough that you can through a look like this one and have a very strong ability to create HTML document from scratch. This simplicity part of trade off, as HTML format document do not offer nearly the precision of control of formatting option that a word perfect or adobe PageMaker format document world.

HTML is well devised collection of codes called tags and markers which will allow us to ordinary text into instruction that a browser can interpret. Each tag starts with less than sign (<) and ends with together than sign (>). The effect of an HTML element starts from starting with ending tag.

**HTML Document:**

HTML stands for Hyper Text Markup Language. HTML is improved a version SGML generalize markup language.

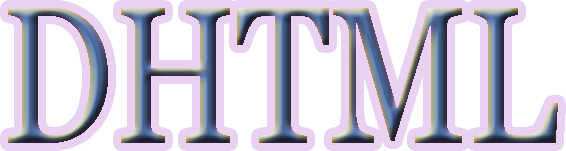
A website consists of collection of web pages. Every web page is created by using a special application tools called as HTML. Every file created by using HTML is called as HTML file. The term of HTM document and HTML page also refer to the HTML file.

A HTML document can create by typing a set of HTML instruction on editor like notepad and save in storage device. While saving, it should be with extensive html or him html. The browser will recognize the extension and interpret the HTML document.

The set of instruction write an in HTML in interpreter by web browser (Internet Explorer, Netscape Navigator etc.) That is very instruction is read line by line and the appropriate action for that line is carried out by the browser. Thus the world HTML code is converted into a web page. This is presented to the end user.

The only thing HTML does is classification parts of our document so that a browser can display on many different kind of platforms. HTML can used to put a document on not just computer screens, but also Printers, Fax machine etc. the idea behind HTML is that if we markup our document by indicating the parts of our documents by function, then it can be displayed by any browser on any computer anywhere in the world.

* Advantages of HTML :
  + Flexible.
  + Easy to Use.
  + Inexpensive.
  + Platform Independent.
  + Not Case Sensitive.



**What is DHTML?**

DHTML is static for Dynamic Hyper Text Markup Language. DHTML is the combination of several built – in browser features in fourth generation browser that enable a web page to be more dynamic.

We can also say that “DHTML is the combination of HTML and Java Script”.

DHTML is NOT a scripting language (like Java Script), but merely a browser feature – or enhancement – that gives your browser the ability to be dynamic.

DHTML is a collection of features that together, enable your web page to be dynamic.

The word “Dynamic” is defined as the ability of the browser to alter a web page’s look and style after the document has loaded.



* **Advantage of PHP :**
* Cost :

PHP costs you nothing. It is open source software and doesn’t need to purchase it for development.

* Easy of use :

PHP is easy to learn, compared to the others. A lot of ready-made PHP scripts are freely available in market so, you can use them in your project or get some help from them.

* HTML-Support :

PHP is embedded within HTML; In other words, PHP pages are ordinary HTML pages that escape into PHP mode only when necessary. When a client requests this page, the web server preprocesses it.

* Cross-platform capability :

MySQL run native on every popular flavor of UNIX and Windows .A huge percentage PHP and of the world’s HTTP servers run on one of these two classes of OS.

* PHP is compatible with three leading Web servers :

Apache HTTP server for UNIX and Windows, Microsoft Internet Information Server, and Netscape Enterprise Server.

* Stability:

The word stable means two different things in the context:

* + The server doesn’t need to be rebooted often.
  + The software doesn’t change radically and incompatibly from release to release.

To our advantage, both of these apply to both MySQL and PHP

* Speed:

PHP is pleasingly zippy in its execution, especially when compiled as and Apache module on the Unix side. Although it takes a slight performance hit by being interpreted rather than compiled, this is far outweighed by the benefits PHP drivers from its status as a Web server module.



* **WHAT IS JAVASCRIPT**?
  + JavaScript was designed to add interactivity it HTML pages.
  + JavaScript is a scripting language (a scripting language is a lightweight programming language.
  + A JavaScript consists of lines of executable computer code.
  + A JavaScript is usually embedded directly into HTML pages.
  + JavaScript is an interpreted language (means that scripts execute without preliminary complication).
  + Everyone can use JavaScript without purchasing a license.

* **ARE JAVA AND JAVASCRIPT SAME**?
  + No! Java and JavaScript are to completely different language in both concept and design!
  + Java (Developed by Sun Microsystems) is a powerful and much more complex programming language in the same category as C and C++.
* **WHAT JAVASCRIPT CAN DO?**
* JavaScript gives HTML designers a programming tool-

Html authors are normally not programmers, but JavaScript is a scripting language with a very simple syntax! All most any one can put a small “Snippets” of code into their HTML pages.

* JavaScript can put dynamic text into HTML pages-

A JavaScript statement like this: document. Write (“<h1>” + name + “</h1>”) can write a variable text into a HTML page.

* JavaScript can react to events-

Set to execute when something happens, like when a page has finished loading or when a user clicks on HTML elements.

* JavaScript can read and write HTML elements-

A JavaScript can read and change the content of an HTML element.

* JavaScript can be used to validate data-

JavaScript can be used to validate from data before it is submitted to a server, this will save the server from extra processing.

* JavaScript can be used to delete the visitor’s browser-

JavaScript can be used to delete the visitor’s browser, and – depending on the browser load another pages specifically a design for that browser.

* JavaScript can be used to create cookies-

JavaScript can be used to store and retrieved information on the

Visitor’s computer.

Table

Description



1. **Admin Login:-**

This table use for administrator login.

|  |  |
| --- | --- |
| Field Name | Data Type |
| Id | Int(11) |
| User Name | Varchar(20) |
| Password | Varchar(20) |

1. **Contact Us:-**

This table use of contact to administrator.

|  |  |
| --- | --- |
| Field Name | Data Type |
| Name | Varchar(20) |
| Phone | Int(20) |
| E-Mail | Varchar(40) |
| Subject | Varchar(40) |
| Message | Varchar(200) |

1. **Feedback:-**

This table use for store the feedback.

|  |  |
| --- | --- |
| Field Name | Data Type |
| Name | Varchar(20) |
| Address | Varchar(100) |
| Phone | Int(20) |
| City | Varchar(20) |
| Pin code | Int(10) |
| State | Varchar(20) |
| E-Mail | Varchar(50) |
| Suggestion | Varchar(200) |

1. **Gallery:-**

This table will store the image record which is used in web site.

|  |  |
| --- | --- |
| Field Name | Data Type |
| Id | Int(11) |
| Type | Varchar(255) |
| Title | Varchar(255) |
| Shortdesc | Varchar(255) |
| Detail | Text |
| Image | Varchar(255) |

1. **Banner:-**

This table will store the banner record which can be used in web site.

|  |  |
| --- | --- |
| Field Name | Data Type |
| Id | Varchar(255) |
| Image | Varchar(255) |
| Heading | Varchar(255) |
| Status | Varchar(255) |

1. **Sport:-**

This table will store the sport news.

|  |  |
| --- | --- |
| Field Name | Data Type |
| Title | Varchar(30) |
| Date | Varchar(10) |
| Type | Varchar(10) |
| Description | Varchar(500) |

1. **TodayImages:-**

|  |  |
| --- | --- |
| Field Name | Data Type |
| Id | Varchar(11) |
| Image | Text |
| Title | Varchar(255) |
| Sortdesc | Varchar(255) |
| Status | Varchar(255) |

Diagram

Description

Design phase deals with transforming the requirements, as described in the SRS document, into a form that is implemented using a programming language. The various designs of this system are shown as following:

* **Diagram:-**

1. **Data flow Diagram:-**

Data Flow diagram is a graphical representation of flow of data throughout the information system. Data flow diagrams illustrate how data is processed by a system in terms of inputs and outputs.

**NAME NOTATION DESCRIPTION**

External Entity External entities are objects outside the system, with which the system communicates.

Dataflow Dataflow are pipelines through which packets of information flow.

Process Transforms incoming data flow to output data flow.

Data Store Repositories of data in the system.

Publish News Account Detail

Administrator

Users

Other Users

Account Detail Add Comments

New Account Feed Back

User Detail General Detail

Content Detail

Edit Info.

View Search

Context Level Diagram

Upload Info.

Search Info.

Edit Info. Display Info

Manage Info.

User Info. Account Info.

Save Date

Database

Level 1 DFD

1. **Entity Relationship Diagram:-**

Web Based News

News

Registe-red

Admini-strator

Nonregistered

Registered User

Administrator

Unregistered User

Belongs TO

Committee

**ER DIGRAM**

1. **Use Case Diagram :-**

Registered User

Unregistered User

Admin

**USE CASE DIAGRAM**

Site

Map



Home

Suggest News Upload

Entertainment News Upload

Science News Upload

Politics News Upload

Daily News Upload

Sport News Upload

Business News Upload

Admin

User

Site Map

Feedback

About Us

Contact Us

Developer

Entertainment

Politics

Business

Login

Science

Sports

Daily News

Print

Screen



Project

Testing



Testing plays an important role in the System Development Life Cycle. Testing ensures the correctness of the system performance, before being deployed to the user's machine.

Many times this aspect of System Development Life Cycle is not concentrated upon and this ends developer with the laborious maintenance task. Moreover, the small errors when encountered by user make him unsatisfied and henceforth the quality of the system is affected.

So, the testing activity should be well planned. Test cases to test each and every aspect of software must be well formed.

For testing of our software we have adapted two main levels of testing. The levels of testing are:

1. Unit Testing

2. System Testing

* **Unit Testing**

This is use to test particular functions or code modules. Typically done by the programmer and not by testers so it is called the program testing it requires detailed knowledge of the internal program design and code. Not always easily done unless the application has a well-designed architecture with tight code; may require developing test driver modules or test harnesses. This type of testing is done after development each and every unit (module) of system.

Two types of the unit testing.

(1) Bottom-up testing: - This type of testing start from the smallest and lowest-level modules.

(2) Top-down testing :- This type of testing begin with the upper-level modules.

* **System Testing**

The system testing is carried out to see that entire software works correctly as per the functions, which are specified during the requirement analysis.

**Test Data**

There are two very different source of test data, live and artificial. Both have distinct advantage and disadvantage for tester.

* **Artificial Test Data**

Artificial test data are created solely for test purpose, since they can be generated to test all combinations forms and values. The most effective test programs use artificial test data generated by other persons those who wrote the program. Often an independent team of tester formulates a testing plan, using the system team specification.

During the development of our system we use the artificial data to test whether the system is working properly or not. Also we have checked that our system should not accept vague data for example if the field is numerical than it should not accept text field.

* **Live Test Data**

Live test data are those that are actually extracted from organization files. After a system is partially constructed, programmers or analysts often ask users to key in a set of data from their normal activities. It is difficult to obtain live data in sufficient amount to conduct extensive testing. And, although it is realistic data that will show how the system will perform for the typical processing requirements, assuming that the live data entered are in fact typical, such data generally will not test all the combinations or formats that can enter the system. The bias toward typical values then does not provide a true systems test and in fact ignores the case most likely to cause systems failure. To test our system we have used the records of the last transaction that were registered in files. Several transactions were performed in our system and our system was found to be working properly.



* **Books**
  1. The php4.
  2. The php5 bible.
  3. The complete reference web design.
  4. The complete reference HTML.
  5. The www using HTML
  6. Learn php & HTML

* **WEB SITES**

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