A Project Report On Online Voting System

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Submitted To: Saurashtra University
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Acknowledgement

Before we describe in brief about our project, we would like to add a few heartfelt words for the people who were very much helpful for us in developing this project.

We would like to thank whole teaching staff of M & N Virani Science College who have contributed greatly to the success of this project. First of all, we would like to express our sincere thanks to Haresh sir and Pradip sir.

“Action is very necessary to convert our Dream in the Reality”. Our dream is to develop the project on “Online shopping”, to make a project successfully, one needs help, understanding and co-ordination from all those who are directly or indirectly involved in this.
We would also like to pay our sincere thanks to all those who have co-ordinate us, inspired us and have provided moral supported directly or indirectly for this project.

Preface

The age of information has gone; the correct area is the age of knowledge. These having knowledge would higher resources from the society & at the same time would be earning the higher returns. But knowledge as we know has changed drastically, to ensure that knowledge is imported to student, it is made mandatory by Saurashtra University for BSC(it) student to work on a comprehensive project.

Here is the detailed report on the project I had made at primary Health center. It has developed on PHP, MYSQL, HTML & JAVASCRIPT.

Be welcome Finally, I would like to express my gratitude to the member of my family for the support and encouragement I have receives from them. The improvement would always.
Project Profile

Developed At: M & N Virani Science College

Developed By: Priyank Hirpara

Main pages: Home page, About us, Logins, Product, FeedBack, Contact US.

Operating system: Microsoft window NT, 95, 98, 2000, 2008 professional.

Editor: Notepad, & Notepad ++
Project Analysis

Analysis is an important part of any project; if analyst is not done properly then the whole project move in the wrong direction. It also provides a schedule for the proper project work.

- Analysis task divided into 3 areas:
• Prolem Recognition

It is the phase in which the Current need for the System is to be defined. This site of Computer Peripherals & Consumables has all the up to date information. Regarding to all Computer Peripherals & Consumables.

• Feasibility Study

- There are 3 types of Feasibility Study:

  o Technical
  o Operational
  o Economical

Technical feasibility considers whether the project can be completed within the available technology. As our project was Website developing we get advanced web-editing tools that are available.

Operational feasibility was done to assure that the product would be developed that is used or not. A Computer Peripherals & Consumables to have a website of its own. So, that’s not problem for it.

• Requirement Analysis
1. Online shopping
2. View Information

Project Description

- In my project any customer can purchase the products of Sanitary ware shopping

- Which allows shopping to any type of Plant Sanitary Ware & Different type of Tiles and etc.

- A customer can not purchase any product with login into Site.

- For the login you have to registered after registered you have to login For the purchasing Sanitary & Tiles.

- For the payment your cart is maintain if you have no cart then you directly payment on the shopping center.
We will delivered your purchase Sanitary & Tiles without any cost.

Project Life cycle

We choose a linear Sequential model, the purpose of this model is that it work Parallels within modules. This model also called the Waterfall models that follow the following steps:

- Website Requirement Analysis
- Design
- Coding
- Testing

  - Website Requirement Analysis
Voting System

Requirement Analysis is Understand after the scope of the system to be built. In our project we needed HTML, DHTML, PHP, and PHP MYSQL

- **Designing**

  Designing is the major part of any website designing. Proper design and a good GUI is the base of any project.

- **Coding**

  The coding for any phase is as needed as the design phase of the project. Coding was the second major task. Coding was done parallel as with the design of the project.

- **Testing**

  Testing was done on the regular base during the coding phase itself. Some error that remains uncovered that is done properly at the time of Testing. And we get the required output that we want. A large amount of situations create while entering the data during input processing. So, testing is done to get the desired output.
A Web Server is a computer that runs the Web server software, which responds to page requests. It is also called host. The two main types of web Server are HTTP Server that follow the HTTP protocol, and FTP Servers that follow the FTP protocol.
A Web Client sends requests for data to a web server. When the web server processes the request and sends the requested page to the client (remember the browser is used to view these pages and send requests.)

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**About HTML**

- HTML was originated by Tim Berners-Lee.
- HTML developed a few years ago as a subset of SGML (Standard Generalized Mark-up Language), which is a higher-level mark-up language that has long been a favorite of the Department of Defense.
- Any HTML document is also valid for SGML.
- HTML is a Hyper Text Markup Language that is used to develop web pages.
- HTML is not a programming language like C, C++ and Java etc.

- It is a cross platform markup language that is design to be flexible enough to display text and other elements like graphical on a variety of views.

- The HTML documents consists of special Tags that are embedded in an ASCII document.

- Web browser like Internet Explorer, Netscape Navigator etc, interprets these Tags.

---

**About JavaScript**

- **What is JavaScript?**
  
  - JavaScript was designed to add interactivity to 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 compilation)

Everyone can use JavaScript without purchasing a license

**Are Java and JavaScript the Same?**

- NO! Java and JavaScript are two completely different languages 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 can a JavaScript Do?**

- HTML page JavaScript gives HTML designers a programming tool - HTML authors are normally not programmers, but JavaScript is a scripting language with a very simple syntax! Almost anyone can put small "snippets" of code into their HTML pages.

- JavaScript can put dynamic text into an HTML page - A JavaScript statement like this: document. Write (<h1> + name + </h1>) can write a variable text into an HTML page.
About PHP

- Introduction to PHP:
The full form of PHP is “Hypertext Preprocessor”. Its original name was “Personal Home Page”.

Rasmus Lerdorf software engineer, Apache team member is the creator and original driving force behind PHP. The first part of PHP was developed for his personal use in late 1994.

By the middle of 1997, PHP was being used on approximately 50,000 sites worldwide.

PHP is server-side scripting language, which can be embedded in HTML or used as a stand-alone.

PHP doesn’t do anything about what a page looks and sounds like. In fact, most of what PHP does is invisible to the end user.

Someone looking at a PHP page will not necessarily be able to tell that it was not written purely in HTML, because usually the result of PHP is HTML.

PHP is an official module of Apache HTTP Server.

PHP is fully cross-platform, meaning it runs native on several flavors of Unix, as well as on Windows and now on Mac OS X.

Advantages of PHP
Voting System

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

- **Ease 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. This means it goes through the page from top to bottom, looking for sections of PHP, which it will try to resolve.

- **Cross-platform compatibility**: 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 operating system.

- **PHP is compatible with the three leading Web servers**: Apache HTTP Server for Unix and Windows, Microsoft Internet Information Server, and Netscape Enterprise Server. It also works with several lesser-known servers, including Alex Blits’ fhtpd, Microsoft’s Personal Web Server, AOL Server and Omnicentrix’s Omni server application server.

- **Stability**: The word stable means two different things in this 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.
Voting System

- 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 drives from its status as a Web server module.

About MySQL

- **MySQL Database Management System**
  
  - MySQL, the most popular Open Source SQL database management system, is developed, distributed, and supported by MySQL AB.

  - MySQL AB is a commercial company, founded by the MySQL developers. It is a second generation Open Source Company that unites Open Source values and methodology with a successful business model.

  - The MySQL Web site (http://www.mysql.com/) provides the latest information about MySQL software and MySQL AB.

  - The official way to pronounce “MySQL” is “My Ess Que Ell” (not “my sequel”), but we don't mind if you pronounce it as “my sequel” or in some other localized way.
MySQL Features:

- MySQL is a database management system.
- MySQL is a relational database management system.
- MySQL software is Open Source.
- The MySQL Database Server is very fast, reliable, and easy to use.
- MySQL Server works in client/server or embedded systems.
- A large amount of contributed MySQL software is available.

About Database

Database

A Database is similar to a data file in that it storage place for data. Like a Data file, a database does not present information directly to a user; the user runs an
application that fetch data from the database and presents it to the user in an understandable format.

Database Systems are more powerful than data files. In well-designed database, there is no duplicate value of data that the user or application must update at the same time. Related pieces of data are grouped together in a single structure.

A Database typically has two main parts: first, the file holding the physical database and second, the database management system (DBMS) software that applications use to fetch and store data. The DBMS is responsible for the Database structure including:

- Maintaining relationships between data in the Database.

Relational Database

There are different ways to organize data in different ways in database; relational databases are one of the most effective. Relational database systems are an application of mathematical set theory to the problem of effectively organizing data. In a relation database, data is collected into tables.

A table represents some class of objects that are important to an organization. For example, a company may have a database with a table for employees, another table for customer, and another for stores. Each table is built of columns and rows. Each column represents some attribute of the object represented by the table. For example, an Employee table that have a column such as First Name, Last Name, EmpId, Department, and Job title.

A database system comprises two components:

- Programs that provide an interface for client-based users to access data.
- The database structure that manages and stores the data on the server.

For example, if you use Microsoft Access to create a checking account application, you must set up a database structure to manage the account transaction data and an a Data Types

My SQL, like other database-management systems, requires you to specify the type
of data that each field holds.

You can choose among the following data types:

- **Text** holds up to 255 characters, including letters, numbers, and special characters.

- **Memo** holds text up to 65000 characters. Unlike text fields, memo fields are available length you do not specify a maximum size of them.

- **Number** holds number actually used in calculations. The type of number it can hold and accuracy of calculation depends on the size you give to the number field. Some number fields hold many decimal with many decimal places.

- **Date/time** holds dates and times. Whether you can enter a date or a time depends on the format you give to the field.

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**Data-Flow Diagram**
Voting System

* Project Database:

- Registration
- Product
- Feedback
- Contact
- Bill System

Registration:
- **Voting System**

![Voting System Diagram](Image)

- **Contact:**

![Contact Diagram](Image)

- **Feedback:**
What are Dynamic Page and static Page

The big attraction with Active Server Pages, of course, is the ability to include script directly in the file that’s referenced by the browser, and thereby creates dynamic pages. It’s important to recognize how ASP differs from existing methods such as referencing a static page, executing CGI and ISAPI applications, or running traditional scripts.

❖ Static Web Pages

When the user enters URL into their browser’s address box, or clicks a hyperlink on another page, a request for that page is sent to the server. This is just a file on the server’s disk, and the web server software starts by loading it into memory. If it’s a normal static HTML page, the server adds a few transmission protocol requirements such as the document type, encodes it so that it can be transmitted over HTTP, and sends the whole thing to the browser. The user sees the contents as rendered HTML page, but the source is the same as the file that is stored on the server’s disk.

❖ Dynamic Web Pages

To create a dynamic page using traditional methods, the server has to do more than just package up and send a file from disk. If the request from the browser is for a CGI or ISAPI application file, the server loads the application and executes it. The application itself creates a stream of text and HTML code, just like it was sending it to a printer. This is assembled into a temporary page on the server, packaged up for HTTP transmission, and sent to the browser. To the user, it looks just like a normal static page, because it’s still just HTML code. However, the actual page is no longer just a copy of the file on the server’s disk. It is created ‘on the fly’, and the page can be different each time the application that create

Is referenced.
**Hardware & software requirement for internat**

**Hardware Requirements**

- 486 DX2 or Higher Microprocessor.
- Free Disk space 100 M.B.
- Color Monitor $ Multimedia Kit.
- One free com.port for modem.
- Modem 56 Kbps.
- Internet connection through D.O.T.or through I.S.P.
- Telephone Line.

**Software Requirements**

- OS (WIN 95 or Higher)
- Internet Browser (Internet Explorer, Netscape Navigator, Opera)

---

**Data Dictionary**

**Registration :**

<table>
<thead>
<tr>
<th>Field</th>
<th>Type</th>
<th>Null</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>Varchar(20)</td>
<td>No</td>
</tr>
<tr>
<td>Surname</td>
<td>varchar(20)</td>
<td>No</td>
</tr>
</tbody>
</table>
### Address
- **Type**: Varchar(30)  - **Null**: No

### State
- **Type**: Varchar(15)  - **Null**: No

### City
- **Type**: Varchar(40)  - **Null**: No

### Email
- **Type**: Varchar(30)  - **Null**: No

### Password
- **Type**: Varchar(30)  - **Null**: No

### Cpassword
- **Type**: Varchar(30)  - **Null**: No

### Mobileno
- **Type**: Varchar(10)  - **Null**: No

---

### Product:

**Field** | **Type** | **Null**
--- | --- | ---
Product_id | int(5) | No
Product_name | Varchar(50) | No
Product_Image | Varchar(50) | No
Product_prize | Varchar(60) | No
Product_Type | Varchar(20) | No

**Sel**:

**Field** | **Type** | **Null**
--- | --- | ---
Product_id | Int(20) | No
Voting System

Contact:

<table>
<thead>
<tr>
<th>Field</th>
<th>Type</th>
<th>Null</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>Varchar(25)</td>
<td>No</td>
</tr>
<tr>
<td>Email</td>
<td>Varchar(50)</td>
<td>No</td>
</tr>
<tr>
<td>Address</td>
<td>Varchar(500)</td>
<td>No</td>
</tr>
<tr>
<td>Phone</td>
<td>varchar(500)</td>
<td>No</td>
</tr>
</tbody>
</table>

Feedback:

<table>
<thead>
<tr>
<th>Field</th>
<th>Type</th>
<th>Null</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>Varchar(25)</td>
<td>No</td>
</tr>
<tr>
<td>Email</td>
<td>Varchar(255)</td>
<td>No</td>
</tr>
<tr>
<td>Address</td>
<td>Varchar(50)</td>
<td>No</td>
</tr>
<tr>
<td>Message</td>
<td>varchar(255)</td>
<td>No</td>
</tr>
</tbody>
</table>

Module Description

➢ Login

From here any valid user can enter into the site. Here user has to give User Name and Password which are provided at the registration time. These will compared
Voting System

with the database, if match entry found then user can enter into the site. If the entry will not matched then user get the error message and will have to re-enter the User Name and Password again.

➢ Registration

If a new user comes into the site, he first have to register with the system by providing name, pass, and e-mail ID and other contact detail as well.

➢ Home

This is Home page for the users; here user can access all other pages. They also get the latest added Software and 5it brands displayed.

➢ Shopping

In this process User click on the product image & purchase any product.

➢ About

The About page gives the short info. about the Site and who designed it.

Home Page
About Magashop

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur.


About.php

Product

Developed By: Priyank Hirpara
Display Record
Insert Record

Developed By: Priyank Hirpara
**Product of Insert, update, delete record in admin.**
Future Enhancement

- In the future I want to Enhanced my project with the admin part of online Voting System & all item shopping.
- Add more item types in my carat lane web-site.
- Make it more user-friendly environment.
- Adding more security level in my web-site.

Bibliography

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