**ONLINE SHOPPING PORTAL**

Project report submitted in partial fulfillment of the Requirements for the

Award of the Degree of B.Tech in Computer Science and Engineering

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# CERTIFICATION

THIS IS TO CERTIFY THAT THE PROJECT REPORT ENTITLED “TRAIN TICKET RESERVATION SYSTEM” BEING SUBMITTED BY

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IN PARTIAL FULLFILMENT FOR THE AWARD OF THE DEGREE OF BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING TO THE GRAPHIC ERA DEEMED TO BE UNIVERSITY IS A RECORD OF BONAFIED CARRIED OUT UNDER MY GUIDANCE AND SUPERVISION

THE RESULTS EMBODIED IN THIS PROJECT REPORT HAVE NOT BEEN SUBMITTED TO ANY OTHER UNIVERSITY OR INSTITUTE FOR THE AWARD OF ANY OTHER DEGREE OR DIPLOMA

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**Problem Statement**

One must know what the problem is before it can be solved. The basis for the online shopping portal is to buy products online and save the timing.

A Online shopping portal, who want to buy any product of their need, has to contact different Shoppers, before deciding upon a particular Product that best suit his needs, requirements and satisfaction. Moreover, most of the work involved in this development process has to be done manually which is very time consuming and cumbersome and also, it reduces the efficiency, accuracy.

To know the facts and understanding of the problem in detail, ***System Analysis*** is carried out. It is the process of studying the business processes and procedures, generally referred to as business systems, to see how they can operate and whether improvement is needed.

**Aim And Objective**

**1) Immediate retrieval of information**

The main objective of the new system is to provide for quick and efficient retrieval of information. Any type of information would be available to the user whenever he requires.

**2) Immediate storage of information**

In the proposed system, it will be easy to store information at any given time at the correct places. The location of storage would be easily available and user will face no difficulty.

**3) Prompt updating of information**

In the proposed system, the information will always remain up to date as the updating will be prompt and without any efforts. This factor will be of great importance in the proposed system as it determines the integrity of the information stored.

**4) Fast computation of information**

The computation of information will be quite fast in the proposed system. Not only mathematical calculations, but also logical comparisons will be quick in the new system.

**5) Planned approach toward working**

The working in the service center information system will be well planned and organized. The data will be stored properly in the data store, which will help in retrieval of information as well as in its storage.

**Abstract**

The project Online Shopping Portal System is GUI based system so that it is easy to handle. It also increases the efficiency of the end user, because it will reduce the redundant job, which is tedious to complete. The Online System also has automated capability to complete job, so it reduces the work manually. This online program will take less time and gives better results. It reduces the tedious jobs Like (Redundant work, long procedures, Up to Date Information) and improves the online shopping system, since all the information is available whenever required. It provides quick processing thus helps in transaction and updating in Edit personal view can perform in few seconds

**LITERATURE REVIEW**

Computer plays an important role in our daily life. Anything we want we can get only in one mouse click. Speed, reliability and accuracy of the computer make it a powerful tool for different purposes. A very important and basic need of today’s modern business world is the quick availability and processing of information using computer. One can easily get the type of required information within a fraction of a second. The project that I have taken is also in this category which is used in our daily life whenever we want to purchase some items we can easily get them at our home.

**NEED OF THE PROPOSED SYSTEM**

The “**ONLINE SHOPPING PORTAL**” is developed according the current need in different Fields. This is online shopping Website which provides facility for purchasing Mobiles, Laptops, Camera and many more items. So by using this Online Shopping Portal users which want to purchase some products will first Register an account on this portal then Login through their Username and Password, and then Select items which they want to purchase and add them to cart and finally checkout by giving payment details. So by using this portal users can easily purchase products from their home.

**METHODOLOGY**

**HTML**

HTML elements are the building blocks of HTML pages. With HTML constructs, images and other objects such as interactive forms may be embedded into the rendered page.

* HTML is widely used.
* Every browser supports HTML Language.
* Easy to learn and use.
* HTML is light weighted and fast to load.
* Do not get to purchase any extra software because it’s by default in every window.
* Easy to use
* Loose syntax (although, being too flexible won’t suit standards).
* HTML is easy enough to write

**CSS**

Styling has been an essential property for any website since many decades. It increases the standards and overall look of the website which makes it easier for the user to interact with it. A website cannot be made without CSS, as styling is MUST since no user would want to interact with a dull and shabby website. So for knowing Web Development, learning CSS is must.

* **Base for web development:** HTML and CSS is the basic skill that every web developer should know. It is the basic skill that is required for building a website.
* **Makes your website look attractive:** A website that’s dull and plain will not attract the user most probably, so adding some style would surely make your website presentable to the user.
* **Makes the design come live:** A web developer is responsible in making the design given to him as a live product. CSS is used for styling to develop the design of the website.

JAVA SCRIPT

JavaScript is a widely-used programming language. Given below are some domains/products that can be built using JavaScript:

* **Websites:** JavaScript helps us to add behavior of our website. It helps users to interact with the website. For eg. clicking on buttons, saving details, uploading details on the website, etc.
* **Web Servers:** We can make robust server applications using JavaScript. To be precise we use JavaScript frameworks like Node.js and Express.js to build these servers.
* **Game Development:** In Game Development industry, JavaScript is used widely. With the addition of HTML5 Canvas, it’s now possible to make 2D and 3D games in JavaScript very efficiently.
* **3D Drawings:** JavaScript in addition with HTML Canvas is used to make three-dimensional graphics.
* **Mobile Apps:** Mobile applications are the most popular modes of communicating these days. JavaScript also used to design mobile applications. There are many JavaScript frameworks using which we can make android, IOS, and hybrid apps.

PHP

**Why we learn PHP?**

PHP is one of the widely used open-source general-purpose scripting languages for Web Development. Apart from this, let’s see why we should learn it.

* **Easy to Learn:**PHP is easier to learn for anyone who has come across to any programming language for the first time.
* **Free of Cost:**Since PHP is open-source language, therefore developers are allowed to use its components and all methods for free.
* **Flexible:**Since PHP is a dynamically typed language, therefore there are no hard rules on how to build features using it.
* **Supports nearly all databases :**PHP supports all the widely used databases, including MySQL, ODBC, SQLite etc.

MYSQL

**MySQL** server is a open-source relational database management system which is a major support for web based applications. Databases and related tables are the main component of many websites and applications as the data is stored and exchanged over the web. Even all social networking websites mainly Facebook, Twitter, and Google depends on MySQL data which are designed and optimized for such purpose. For all these reasons, MySQL server becomes the default choice for web applications.

MySQL server is used for data operations like querying, sorting, filtering, grouping, modifying and joining the tables. Before learning the commonly used queries, let us look into some of the advantages of MySQL.

* Fast and high Performance database.
* Easy to use, maintain and administer.
* Easily available and maintain integrity of database.
* Provides scalability, usability and reliability.
* Low cost hardware.
* MySQL can read simple and complex queries and write operations.
* InnoDB is default and widely used storage engine.
* Provides strong indexing support.
* Provides SSL support for secured connections.

**FLOW DIAGRAM**

**ACTIVITIES DURING SOFTWARE PROJECT PLANNING**

COST

ESTIMATION

DEVELOPMENT

TIME

SIZE

ESTIMATION

RESOURCES

REQUIREMENT

PROJECT

SCHEDULING

**FLOWCHART**

*Request*

*reply*

*Operation/data processing*

Products / Cart / Shopping

Login / Index

*Authentication*n

**Online Shopping Portal Database**

*(Acknowledgement*)

*(Approved/Reject)*

*Payment / Submission*

*(Acknowledgement)*

Payment / Checkout

**For Registration**

User

Details

Username Exists

Success

**EXPECTED OUTCOMES**

* Quick generation of data entry forms
* Quick processing of information
* Quick retrieval of data
* Quick and correct updating of data.
* Least storage requirements
* Secured and controllable data storage
* Full backups of data
* Readable, clean, up to date and timely reports

**CONCLUSION**

Before online shopping there was only shopping in store but as the world has got more technology, shopping online has become more popular. I think that as the time goes on soon everyone will shop online, but I think shops will still stay in business because without shops people cant visually see what their buying and people may want their item that exact time when they see it and only by actually going shopping you can have the item you want at the exact same time you purchase it so that's why I think that online shopping will never take over actual shops on the high street. They could improve online shopping by making the delivery time a lot quicker or allowing people to make a delivery time exactly when they want it. They could also improve online shopping's security levels, with this they could gain a lot more customers.

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