Abstract:
The purpose of the study was to design a shopping portal that is designed for a macro scale. This system works both on the customer side and the admin side. The principle of the system is the Content Management System (CMS) which fetches data from the database. On the admin side, the shopping cart admin will have a higher privilege than the customers to add-on the customer side, the users at the shopping cart have the privilege to add items to the cart, delete the items that were unnecessary/delete along with the edit option. Also, admin is the one who is responsible for the entire virtual environment. The proposed system will be deployed directly at the client-server. HTML, this web tool is used to propose a web-page, and JavaScript is used to validate the page. It has a log-in page where the customer's email id and password are entered and the can surf into the accessories. The database is fetched from the server and the customer can view the cart. In the fast-moving world, people always opt for things at their doorstep with minimal effort or at times, the requirement of 0% manpower. By eliminating most of the drawbacks and having only minimum limitations, nevertheless, our real-time project finds a place on the internet and it will be the best online web application in the future. However, this system was proposed for an organization that wants to keep track of customer needs and henceforth to enhance customer satisfaction which grabs more attention on the application.

Keywords: HTML, JavaScript, CMS, admin, user.

I. INTRODUCTION

In the 20th century, E-Commerce is a major platform where people get attracted to it and they are more comfortable using this. E-Commerce is nothing but the electronic business or generally termed as Electronic Commerce. It makes retailers and buyers buy or sell goods in digital marketing. It is nothing but an out of box way to enrich the existing business. This makes the traditional way of marketing goods becomes out of fashion and the virtual environment comes into existence. This tremendous growth has created a revolution not only in India but also in other developing countries. This only requires a massive usage of the Internet. It intensifies the environment around us. Static web pages act like a puppet where pages are stored in the server and it can be sent to the client which is stored in a format. A static web page is the basic model of a dynamic web page. A website is always a collection of web pages and it consists of a common domain name and it will be revoked in the web server. WWW (World Wide Web) is nothing but the publicly accessible web pages are noted here. The navigation of sides is particularly done using Hyper linking. Smartphone, laptop, desktop are some devices which provide the user to access a webpage with an Internet Connection. Websites nowadays are used in all organizations such as schools, colleges, or industries. Website is either developed by an individual for an organization or group of folks to make it to design for a particular purpose such as for ticket booking in railway stations, course registration for students in schools are some of the examples these days. Users should register or subscription access is determined for certain web applications [2]. Some subscription websites such as news websites tend to popularly known to the people. Some registering or login web pages is created to enhance the security of the customers. There are two types of web pages are static and dynamic. Static web pages act like a puppet where pages are stored in the server and it can be sent to the client which is stored in a format. A static web page is the basic model of a dynamic web page.

II. METHODOLOGY

Static web pages acts like a puppet where pages are stored in the server and it can be sent to the client which is stored in a format. As we know a static webpage is usually designed by using two tools such as Hyper Text Markup Language (HTML) which is used to give an organized webpage and for styling we use another tool known as Cascading Style Sheets (CSS). People find images as the pictorial representation of the main content. Sometimes the static webpage may include audio or video, when it is automatically played or it is not interactive. The static webpage is like an open source platform where every people view the same content as the other does. In order to know more about a static webpage consider a circular which is issued at school it gives the same content of information for a long period of time. [2] Static web page works as such as a circular. In the admin side, they can update or make changes periodically, it includes edition or adding or deletion of text, photos and all the other contents of the web page. Business websites consist of five or more web pages were users can have a pool of information where they will surf into different photos or contents. Static web page is the basic model of a dynamic web page [3]. The name dynamic implies that the changes frequently happen so the dynamic web page means the web page which will keep on changing or will be frequently customized frequently. The dynamic pages on the Server side are generated by using the computer code “on the fly” that produces the HTML, CSS which are responsible for the appearance of the site thus they are static files. There are wide range of softwares used for this purpose. A site which is dynamic or keeps on changing is called as dynamic webpage which can display the current state of a dialogue between users, monitor a changing situation, or provide information in a way that the requirements of the individual user is personalized. For example, when a user requests the front page of a news side, the code running will combine the HTML framework along with the latest news stories retrieved from the database or any other website.
through RSS and displays it to give the news about the latest update to the user. A dynamic site is made interactive by using the HTML forms to get the user information and reading the cookies of previously browsed websites or by using a series of pages that reflect the history of clicks by the user[4]. If we see through another example. If a retail website requests user to search for any product. Let us assume that he/she searches for the keyword Beatles. In the background they will be having a database of media products to match the search and pull out the details. As a response the webpage will immediately change the way it looked before and change by display the products that the name Beatles is present. In this example it will show all the CDs, DVDs and the books matching to that name. A dynamic web page will use JavaScript code to instruct the web browser to modify the page contents interactively. If we simulate certain type of dynamic web pages we need to periodically automating the regenerated large series of static pages or by using pre-connection basis or there may be performance loss of initiating the dynamic software engine while trying to simulate those websites.[2]

III. WORKING PRINCIPLE

Place all HTML files under My Stockroom-UI folder. HTML5 semantic tags have to be used wherever applicable. Avoid using div tags for header, footer, article and navigation bar Document Type should be defined as in the first line of the HTML document. Form fields must always include element with a "For" attribute matching the "id". Each form field should have "name" attribute. All tag names and attributes must be written in lowercase. The inline style should be never used. The style should be in an external CSS and should be linked to the document. Image files should be placed in My Stockroom-UI/images folder. Add one more tab on the next line after opening a tag. Reduce one tab online when the tag is closed. CSS files names should bestyle.css. CSS files should be placed in Mystockroom-ui /style folder. Feel free to change the Background Color, Font, Font Size, and Font Color of the screen. But it should be applied consistently across screens using CSS. Following are the element in the screen that can be targeted for the style change. Navigation Bar, Page Heading, Form Elements Messages. Reuse styles wherever applicable. Potential areas are Application Name, Page Title, Form Fields, and Buttons. Selector names should be in lower case with words separated by a hyphen. Selector class names should be relevant to the purpose of the element where the style is applied. For example, if a common style needs to be applied for all textboxes in an application. Properties should be followed by a colon and space. Properties and values should be inlowercase. Use hexadecimal code for color definition. JavaScript file name should script.js JavaScript file should be placed in folder Mystockroom-ui/js. Use camel Case for variables and functions. All variable names start with a letter. Always put a space before and after an operator. Always end a statement with a semicolon. Closing curly braces should be in the next line with the reduction of indent by one level.

IV. SYSTEM OVERVIEW

We need to follow these steps to connect the database with Java Application. In our project the database we are using is MySql. There are five steps to be followed to connect the java application along with the database. They are:-The driver class for the MySQL database is com.mysql.jdbc.Driver. The connection URL for the MySQL database is jdbc:mysql://localhost:3306/stocks where jdbc is the API, MySQL is the database, localhost is the server name on which MySQL is running, we can also use IP address, the port number is 3306 and the database name is stocks. The Driver Manager class acts as an interface between the user and drivers. The Driver Manager class is called DriverManager.registerDriver() as it maintains a list of registered Driver classes themselves. The Prepared Statement interface is a sub-interface that connects to the Statement. The Prepared Statement interface will compile the query only once so that the performance of the application will be fast. Spring Tool Suite is an Eclipse based IDE used specifically to do Spring applications. It contains a workspace where we can develop applications. We can use this software to develop applications in many languages like Java, C, C++, COBOL, PHP, Perl, R, Ruby, Python, etc. It is free and open-source software so that makes the user develop an application by simply downloading the software from the internet. We can use the software to develop applications up to the industrial standard. Debugging is easy because it helps to navigate the error automatically. Viewing and managing all the files is easy because we can view all those on the same screen.
that is used to design a static web document. These languages are easy and human-readable. It has tags such as article, paragraph, header, etc., this tool can also attach audio or video tags can also be linked with the document.

B. JAVASCRIPT

JavaScript has become a common platform for programming and validation of documents. The behaviour of web pages has been monitored. Nowadays, JavaScript has a tool is used to build real-time applications, web/mobile apps, etc., though its design proved it is only for web browsers. Every browser is provided to run the JavaScript source code.

C. CSS

Cascading Styles Sheets is mainly focused on the appearance and layout of information on the webpage. It is mostly used with HTML for styling. We can also modify the property of the webpage such as background, text alignment, and colour of the font. It has three types of CSS such as inline, internal, and external styling of an application.

D. SQL

It is very important to understand the database before learning MySQL. A database is an application that stores the organized collection of records. It can be accessed and manage by the user very easily. It allows us to organize data into tables, rows, columns, and indexes to find the relevant information very quickly. Each database contains distinct API for performing database operations such as creating, managing, accessing, and searching the data it stores. Today, many databases available like MySQL, Sybase, Oracle, MongoDB, Postgre SQL, SQL Server, etc. In this section, we are going to focus on MySQL mainly. MySQL is currently the most popular database management system software used for managing the relational database. It is open-source database software, which is supported by Oracle Company. It is fast, scalable, and easy to use database management system in comparison with Microsoft SQL Server and Oracle Database.

E. STS

Spring Tool Suite is an Eclipse based IDE used specifically to do Spring applications. It contains a workspace where we can develop applications. We can use this software to develop applications in many languages like Java, C, C++, COBOL, PHP, Perl, R, Ruby, Python, etc. It is free and open-source software so that makes the user develop an application by simply downloading the software from the internet. We can use the software to develop applications up to the industrial standard. Debugging is easy because it helps to navigate the error automatically. Viewing and managing all the files is easy because we can view all those on the same screen.

VI. CONCLUSION

This project highly aims to order products by the user and will be delivered in the doorsteps. It creates a virtual environment to add, edit, or delete cart items into the portal. As science and technology are ruling this century. People are more dependent on their own comfort level. This makes people grab products online. It gives an outline schema to develop into an application. Thus, this project was built for an organization or macroscale entrepreneurs to sell or buy a product and grab them towards this organization. In this project, we arrived 95% of its composition to arrive at an application. Thus, this webpage application aims for a 0% manpower requirement. Advancement in technology made us create a smart global village. India, as a developing country aims to become developed, which will be due to the enhancement of science and technology.

VII. FUTURE SCOPE

The future works of the project are:

1. Arrive into an application that can be directly downloaded from the Playstore.
2. Users can write reviews about the product and the admin can find fake reviews by using their IP addresses.
3. A descriptive analysis of the product can be given by the retailers.
4. Prediction algorithms can be incorporated to make it to know the past, present, and future value of the product. Thus, these future values can be incorporated into this project to enhance customer satisfaction and make it into a profitable application. It provides an application which provides the advancement of technology. This can be used as an application as Amazon or Snapdeal but the enhancement involved will be a new revolution in the market.

VIII. REFERENCES

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