

Online Shopping Website

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Abstract. This project entitled as “Online Shopping Website” is a website developed for a Textile Store. This has been developed using HTML, CSS, and JavaScript as the front end and PHP, and SQL as the back end. The objective of the project is to provide customers with a company over the internet. If the new user wants to login into the website, the user must need to Register on the website to get the login id and Password. After getting the login id and Password the user can log in to the website. Once the user enters the web site, they can view the Products. The user can access the product details by clicking the product. The product details contain Name, Quality, Type, and Prize that can be viewed Product details by the User. The user can only view the Product and the Details on the website. If they want to Order the Product, they have to Contact the admin using the Contact Number. Delivery and payment are done in person.

Keyword: Textile store, Customers, Products, Password, Order the product.

1. Objective

This project is entitled “Online Sales Process For Clothes” and is a website developed for the brick industry. This site has been developed using HTML, CSS, and JavaScript as the front end and PHP, and Microsoft SQL as the back end. The objective of the project is to provide customers with a company over the internet. The user can Register and login using the user id and password and can check the availability of products, Quality, Price, etc.

2. Existing System

Existing system of the project was using Microsoft excel sheets to maintain their records. No application available for this organization. The Client cannot view the product in person. The existing system of the project was customers coming physically to buy the product from the Bricks Industries. So, the number of customers coming to buy the product was less and the area reached was small because of the traditional sales method[1].

3. Proposed System

All the drawbacks in the existing system have been over come in the proposed system. In feature enhancement, the client can order the products from our websites and the billing system will be added in our website. The billing will be a cash on delivery and it Won't be online payment. The customer can Browse the products in our website and order them[2]. In this Project, Client can view the products in our websites. They can see the products, Prices, Categories and Order the products[3].

4. System Specification

4.1 Hardware Specification

- Processor: AMD RYZEN 5
- RAM : 8GB

- HDD : 1TB
- Monitor type : 15 Inch
- Keyboard: 110Keys Keyboard

4.2 Software Specification

- Operating System: Windows 10
- Client : Any Browser (Compatible)
- Frontend : HTML, CSS, JavaScript
- Code Behind: Visual Studio, XAMPP

4.3 About Front-End

HTML: Hypertext Markup Language (HTML) is the markup language used for manufacturing web pages and web applications. With Cascading Style Sheets and JavaScript, it forms a winning combination of cornerstone technologies for the World Wide Web. Web browsers obtain HTML documents from a webserver or from local storage and render them into multimedia web pages. HTML tells the structure of a web page structure and the appearance of the document.

CSS: Cascading Style Sheets (CSS) is used to style the webpages and gives them unique touch and flare. Although most often used to set the visual style of web pages and user interfaces written in HTML and XHTML, the language can be applied to any XML document, including plain Markup Language (XL), Vector Graphics (VG) and XML Interface Language (UL), and is applicable to rendering in speech, or on other media. Along with HTML and JavaScript, CSS is a cascade technology used by most websites to create appealing engaging web pages, user interfaces for web applications, and mobile applications.

JavaScript: JavaScript is a high-level interpreted programming language. It is a language that is also identified as fast, easy to use typed, prototype-based and supports multi-style of programming. Alongside HTML and CSS, JavaScript is one of the profound technologies of the World Wide Web. JavaScript makes interactive web pages and thus is an essential part of web applications. The majority of websites use it, and all popular web browsers have a sincere JS engine to execute it. As all for one paradigm language, JavaScript supports driven, functional, and iterative programming styles.

PHP: PHP stands for PHP: Hypertext Pre-processor. Hypertext refers to files linked together using hyperlinks, such as Hyper Text Markup Language (HTML) files. Pre-processing is executing instructions that modify the output. PHP is a scripting language originally designed for producing dynamic web pages. It has evolved to include a command line interface capability and can be used in standalone graphical applications. PHP is free software released under the PHP License; however, it is incompatible with the GNU General Public License (GPL), due to restrictions on the usage of the term PHP.

5. Project Description

The problem with the current system is that people need to drive around, find parking, and get stressed out in traffic. Customers have to travel a certain distance for the product. Not all industries will have the Good Qualities and low Price.

Overview of the Project: The proposed system is a website that can be used by anyone who has an account in the website. The customer can browse the products and Check the Price and Quality. The proposed website can be used to View Product items.

Module Description Registration Module: If the client needs to view the products, they need to login using the login Id. But if the client doesn't have login Id, they need to register into the website using Name, Mail Id, and Password to view the Products

Login Module: After registration the client will get the login id and password. Using that login id and Password the client can login to the website and view the products.

Product Module: Once the client login to the website, the product will be shown to the client. The products that are shown to the clients have ProductName, Price, and Picture of Product that are listed with them. There will be an add to cart option with the products.

Details: If the client selects the add to cart option from the product, It will show the products Pictures, Name, quality, Stock, Quantity of Products for ordering.

6. System Testing

Software Testing: A primary purpose of testing is to detect software failures so that defects may be discovered and corrected. Testing cannot establish that a product functions properly under all conditions but can only establish that it does not function properly under specific conditions. The scope of software testing often includes examination of code as well as execution of that code in various environments and conditions as well as examining the aspects of code: does it do what it is supposed to do and do what it needs to do. In the current culture of software development, a testing organization may be separate from the development team. There are various roles for testing team members. Information derived from software testing may be used to correct the process by which software is developed.

7. Conclusion and Future Enhancement

The project titled “Online Shopping Website” is mainly developed to increase the profit and to cover more area. This project attempts to take care of the needs of the administrator. This web application has been computed successfully and was also tested successfully by taking “test cases”. It is user friendly, and has required options, which can be utilized by the user to perform the desired operations. The desktop application has developed in such way that enhancement can be done easily. The changes can be updated with less time and have no risk to add a new module. The system will be improved for further enhancements, whenever the user needs an additional feature. This project can be further enhanced based on the future trends and strategies.

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