Shopping website Documentation

by

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Overview

Our goal in this project is to illustrate the online shopping website design in detail. On this website, complete detail of the product with distributor information is available. Variety of product available on website and they are divided into several categories based on their use like cosmetics, fashion, accessories etc. Complete consumer history i.e. latest and previous orders, cart itoms are saved for future customer interaction and selling ease. Secured payment system is also part of safe online shopping. Website manages and reduces the effort to look into perticular product by specifying id to product. For success of online shopping website most neccesary condition is it should be user-friendly.

Objective

1. To make the website's interface more user-friendly .
2. To manage all the product data by their category.
3. Showing best value and ergonomic product for their search.
4. Secured third party payment option.
5. Estimate delivery timing.
6. Fast response time website.

System Users

- Administrator
- Vendores
- Customer

1. ADMINISTRATOR:

- Administrator is super user of this application, Have access to admin page.
- The administrator has all the information about all the users and about all products.
- Administrator can add product to the database.
- Administrator can edit or delete the products from the database.
- Administrator can edit delivery procedure for the product.
- Administrator can handle the querries related to customers need.

2. VENDORES / SELLERS:

- vendors will add the product avialable at there end at the website.
- Vendors will have special previleges than end users, and have ability to manages product added by them.

- The customers registers with their details and get valid credential as login id and password for authorized login.
- Customers can check every product he/she wants with neccesary information regarding product available by categories.
- Using shopping cart customers can see the selected items while shopping.
- Different payment and delivery option is available as per customers ease, like COD , online payment (third party payment system).
- After payment product will get delivered to the address given by customers.
- Customers can track their order.

Software Requirement

The various system tools that have been used in developing both the frontend and the back end.

FRONT END:

JSP, HTML, CSS, JAVA SCRIPT, ANDROID are utilized to implement the frontend.

- Java Server Pages (JSP)

    Different pages in the applications are designed using jsp. A Java ServerPages component is a type of Java servlet that is designed to fulfil the role of a user interface for a Java web application. Web developers write JSPs as text files that combine HTML or XHTML code, XML elements, and embedded JSP actions and commands. Using JSP, one can collect input from users through web page.

- HTML (Hyper Text Markup Language)

     HTML is a syntax used to format a text document on the web.

- CSS (Cascading Style Sheets)

     CSS is a style sheet language used for describing the look and formatting of a document written in a markup language.

- Java Script

    JS is a dynamic computer programming language. It is most commonlyused as part of web browsers, whose implementations allow client-side scripts to interact with the user, control the browser, communicate asynchronously, and alter the document content that is displayed.Java Script is used to create pop up windows displaying different alerts in the system like "User registered successfully", "Product added to cart" etc.

- Android

    The application is delivered to customer through an android application.So android platform is used to develop the user application.

    The back end is implemented using MySQL which is used to design the databases.

- MySQL

    MySQL is the world's second most widely used open-source relational database management system (RDBMS). The SQL phrase stands for Structured Query Language. An application software called Navicat was used to design the tables in MySQL

Browsers:
- Google Chrome
- Mozila Firefox
- Safari

Use Case Diagram