CSP 584 Project Description

Falcon

By

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Project Overview

When it comes to Fashion there are millions of products to be sold to the customer for which there must be a huge store and its practically not possible to display all the products. The Falcon is our online retail market for Men's Apparel which is like a one stop shop for any men's fashion. Customers can shop based on their personal needs where the products can be filter based on category and purchases can be made. The Customer is given the best of the shopping experience by giving complete description and usage of the product. The products high definition images are displayed with a zoom in options so that the customers get a detailed view of the product. The customers have the option of giving the feedback or review in the review section. There is also an interesting feature that is added to the application to view What is the latest trending product. This will display the top trending products in the market. The administrator can also match the deals with the competitors (via trends in Twitter) to provide and maintain the best deals in the market.

Falcons does not only satisfy the customers shopping needs but also maintains a robust platform for the admin users who are the managers. There are some specific Admin operations and features such as maintaining the inventory details of the products based on the category and market demand. The admin has the operations of order tracking of the products. The admin has the authority to decide upon the eligible discount for the products based on the clearance of the goods.

Requirements

User Requirements:

- Customers should be able to register/signup with the system, after which he/she should be able to login into the system via selected username and password.
- Customers should be able to filter products based on the different sections that are present
- Complete Product details along with the price, image and product description should be provided.
- The customers should be able to add multiple items to the cart and a checkout option should be available displaying the discounts and the total price.
- The customer should be able to enter all the billing information in the Checkout page. If, at this point the customer is not logged-in to the system, he/she should be displayed with the message to login first and then proceed with the process.
- There must be confirmation sent to the user with an order id.
- Customers have the option to view the order and should also be able to cancel the order.
- There needs to be a option for all the customer to write feedbacks and review of the product.
- Email enquiry can be sent by the customers to the admin of the page

Admin Requirements:

- The admin must be able to have access to the products and the inventory of the products Thereby, admin should be able to manage (add, modify/update and delete) the product displayed in the application.
- A special Inventory record should be maintained by the admin where he should able to display a chart with all the sales and inventory records.

Delivery Requirements:

- The delivery status has to be maintained by the delivery person for all the orders made by the customers
- The Re-Scheduling, Delivered and Delivery Attempted will be executed in their respective login

The Project is being implemented using the Java Servlets, HTML, JQuery, JavaScript and MySQL.

Additional Features implemented for enhancing the user experiences

- Sending Enquiry Email
- Image Zoom Option
- Delivery Status update by admin for respective customer login's
- Graphical representation of Inventory and Sales Reports
- Data Analytics of User Reviews for every product