Design and Implementation of E-Commerce Site for Online Shopping

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1 Introduction

Online Shopping is a lifestyle e-commerce web application, which retails various fashion and lifestyle products (Currently clothes).The Project Online shopping website for clothing is a complete multi-user website. The system helps in buying of goods, products and services online by choosing the listed products from website (E-Commerce site).This system provides an efficient way of adding almost all the features of the online shopping. The main purpose of this application is to make it interactive and its ease of use. It would make searching, viewing and selection of a product easier.

2 Motivation

The objective of this project is to develop a general purpose e-commerce store where product like clothes can be bought from the comfort of home through the Internet. This site is specifically designed for specified area like a district, so that customers can purchase items from their nearby shops without any worries. By providing specified area, delivery time and return processes can be done easily. In addition, individual sellers can also sell their products through this site by adding their products to the site.

With the help of ecommerce web design we get an opportunity to have the products and services available to customers 24 hours. It gives a good exposure to our business and help us to reach out to potential customers. Since most of the people prefer to shop online due to paucity of time, we can easily make more revenue. With the help of an e-commerce website people can select and buy desired products anytime. They can pay easily through credit cards or other payment options available in website.

The main advantage for Customers is that they have to spend less time shopping for what they want. They can easily browse through many items at a time and buy what they like.

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This is where ecommerce comes to the rescue for many shoppers. They go online, search for an item, get a fast response and can buy it just as quickly.

3 Problem Statement

3.1 Existing system:

There exist some drawback of existing system such as:

- Lack of Building trust with the user

Even if a user is interested in the products you provide, they aren't likely to complete a purchase if they feel that your website isn't secure.They might worry about things like quality of the product, fake products etc...

- Delivery delay

It should be the goal of every e-commerce website to make shipping as ideal for the user as possible. Especially with the increase in online shopping due to Covid-19, the chances of ecommerce delays are high now more than ever.

3.2 Proposed system:

Through this project we can solve drawbacks relates to the existing system.

•Every website should give users a sense of security. This is especially true for e-commerce websites, in this project we provide address of the textiles or the individual sellers, so that the customers can contact them if their order goes wrong. This helps to build trust with customers.

•This site is specifically designed for specified area like a district, so the delivery delay will be less and also the return processes become easier and fast.

4 Functionalities

4.1 Module Description

4.1.1 Admin Part:

There are mainly 5 modules in admin part:

- Dashboard

In this module, all the other modules are displayed, from this module we can access any other given module.

- Customer Details

In this module all the customer details like name, address etc.. is visible to admin.

- Seller Details

In this module all the seller information is visible to admin.

• Product Details

In this all the product details is visible to admin.

• Ordered Product Details

This module contain the summary of the product ordered by customers

4.1.2   Seller Part:

There are mainly 2 modules in seller part: •
Product Add

Here sellers can add all the product details and other information.

• Product Remove

Here sellers can remove all the product details and other information

4.1.3   Customer Part:

There are mainly 3 modules in customer part:

• Search View

In this module customers can view all the products and also they can search any item.

• Order

Customers can place their orders in this module.

• Review

Here Customers can put their review about the item they purchased.

4.2   System Requirements

4.2.1   Hardware Requirements

Hardware requirements include:
Processor :Intel Core i5
RAM :8 GB and higher
Hard Disk drive :500 GB and higher
Keyboard and mouse :Standard

4.2.2   Software Requirements

The software tools include:

• Operating System :Windows 10

• Front End :React

• Back End :Django

• Database :MySQL
Supported Browsers:

• Chrome 49

• Firefox 50

- Safari 10
- IE 9
- Edge 14

5   Conclusion

The 'Online Shopping' is designed to provide a web based application that would make searching, viewing and selection of a product easier. The main purpose of this project is to develop a general purpose e-commerce store where product like clothes can be bought from the comfort of home through the Internet. By providing limited area customers can purchase items from their nearby shops without any worries and also delivery time will be less and return processes can be done easily.

References

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