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E-Mart Shopping & Stock Management System

Lect. R.S Pawar[1], Vaibhavi Mane[2], Pranjal Kamble[3], Shalakha Khanvilkar[4]

[1]Lecturer, Dept. of Computer Technology, B.V.J.N.I.O.T, Pune, Maharashtra, India.

[2,3,4]Student, Dept. of Computer Technology, B.V.J.N.I.O.T, Pune, Maharashtra, India.

Abstract: This project is a web-based stock system for an existing shop. The project objective is to deliver the online shopping application into Java platform. This project is an attempt to provide the advantages of online shopping to customers of a real shop or Mall. Thus, the customer will get the service of online shopping and home delivery from his favorite shop. This system can be implemented to any shop in the locality or to multinational branded shops having retail outlet chains. If shops are providing an online portal where their customers can enjoy easy shopping from anywhere, the shops won't be losing any more customers to the trending online shops such as flipcart or ebay. Online E-Mart Shopping System is a website to provide online facility to customer and buy product at from home through online. Our main aim is to provide 24/7 online service for users through online application. Now a days in order to buy product we need to go shops are call by phone and there are very stores which work 24hrs. In order to reduce this gap, we implement an online shopping store through which users can buy products from home by paying amount using credit /debit cards. Overall online product booking store will become an efficient, highly responsive and an extremely accurate system.

Keyword: Online Shopping, Products, Shop (Mall), Portal, Web Application, etc.

1.INTRODUCTION

This project is a web-based shopping system for an existing shop. The project objective is to deliver the online shopping application into android platform. Online shopping is the process whereby consumers directly buy goods or services from a seller in real-time, without an intermediary service, over the Internet.

It is a form of electronic commerce. This project is an attempt to provide the advantages of online shopping to customers of a real shop. It helps buying the products in the shop anywhere through internet by using an android device. Thus, the customer will get the service of online shopping and home delivery from his favourite shop. A supermarket is self-service shop offering a wide variety of food, beverages and household products, organized into sections. It is larger and has a wider selection than earlier grocery stores, but is smaller and more limited in the range of merchandise than a hypermarket or big-box market. The supermarket typically has aisles for meat, fresh produce, dairy, and baked goods.

Supermarkets typically are chain stores, supplied by the distribution centers of their parent companies thus increasing opportunities for economies of scale. Supermarkets usually offer products at relatively low prices by using their buying power to buy goods from manufacturers at lower prices than smaller stores can. Certain products (typically staple foods such as bread, milk and sugar) are very occasionally sold as loss leaders so as to attract shoppers to their store. Supermarkets make up for their low margins by a high volume of sales, and with of higher-margin items bought by the attracted shoppers. Self-service with shopping carts (trolleys) or baskets reduces labour cost, and many supermarket chains are attempting further reduction by shifting to self-service check-out.

1.2 Objective-

The objective of the project is to make an application in android platform to purchase items in an existing shop. In order to build such an application complete web support, need to be provided. A complete and efficient web application which can provide the online shopping experience is the basic objective of the project.
To provide online platform and give proper grocery and related products.
To manage the information of product daily stock.
To editing, adding and updating of records is improved which results in proper resource management of Customer data.
To manage the information of Customers, his or her product, etc.

2. LITERATURE SURVEY

Fan Wei, Qian Zhang, "Design and Implementation of Online Shopping System Based on B/S Model" [1] B/S structure (Browser/Server) is one hidden client mode after WEB development. This kind of network structure mode unifies WEB browser as the client-side in order to integrate the core part of system function realization to the server. B/S model

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simplifies system development, maintenance, and usage. The client only needs one Browser under the B/S model, and the browser interact data with database through Web Server. Since the B/S model has such huge advantages, this online shopping system is based on this model. The system through the MVC (Model, View, and Controller) framework integrate network of online shopping system, completing the control layer management, processing data access.

Sidhartha Reddy Vatrapu, "Design and Implementation of E-Commerce Site for Online Shopping". [2] In today's fast-changing business environment, it's extremely important to be able to respond to client needs in the most effective and timely manner.

If your customers wish to see your business online and have instant access to your products or services. This project allows viewing various products available enables registered users to purchase desired products instantly using PayPal payment processor (Instant Pay) and also can place order by using Cash on Delivery (Pay Later) option. This project provides an easy access to Administrators and Managers to view orders placed using Pay Later and Instant Pay options. In order to develop an e -commerce website, a number of Technologies must be studied and understood.

These include multi-tiered architecture, server and client side scripting techniques, implementation technologies such as ASP.NET, programming language (such as C #) and relational databases. This is a project with the objective to develop a basic website where a consumer is provided with a shopping cart application and also to know about the technologies used to develop such an application.

Shubham Madhukar Sonawane1, Shruti Deepak Deshmukh, "Online Shopping System" [3]. This project is a web grounded shopping system for an existing shop. The project objective is to deliver the online shopping website. This project is an effort to provide the benefits of online shopping to customers of a real shop. It helps purchasing the products in the shop anywhere through internet by using an android device and Computer.

Thus, the shopper will get the facility of online shopping and home delivery from his desired shop. Also delineated is the identification of the fundamental skills the students should possess, appropriate Web development tools and pedagogy as well as whether or not to utilize a simulated project or a real-world project.

2.1 PROBLEM STATEMENT

As online shopping became a trend nowadays the regular shops are losing their customers to online brands. Customers have effortless shopping experience and saving time through shopping online. For competing with those online brands, If shops are providing an online portal where their customers can shop through internet and get the products at their doors it will increase the number of customers.

E-Mart Stock Management System is a web application project developed for online grocery shopping. This system is a field for provide online platform for customer and purchasing product as per customers daily needs, generating reports, sales invoices and generating maintain records about product.

2.3PROPOSED SYSTEM

In the proposed system customer need not go to the shop for buying the products. He can order the product he wishes to buy through the application in his Smartphone. The shop owner will be admin of the system. Shop owner can appoint moderators who will help owner in managing the customers and product orders. The system also recommends a home delivery system for the purchased products.

The proposed system can overcome all the limitations of the existing system. The system provides proper online platform for customer and reduces the manual work. The proposed system tries to eliminate or reduce these difficulties up to some extent. The Minimize manual data entry. Minimum time required proposed system will help the user to reduce the workload and mental conflict. The proposed system helps the user to work user to work user friendly and he can easily do his jobs without time lagging.

3.WORKING METHODOLOGY

3.1METHODOLOGY

USER USER LOGIN

Description of feature

This feature used by the user to login into system. A user must login with his username and password to the system after registration. If they are invalid, the user not allowed entering the system.

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REGISTER NEW USER

Description of feature

A new user will have to register in the system by providing essential details in order to view the products in the system. The admin must accept a new user by unblocking him.

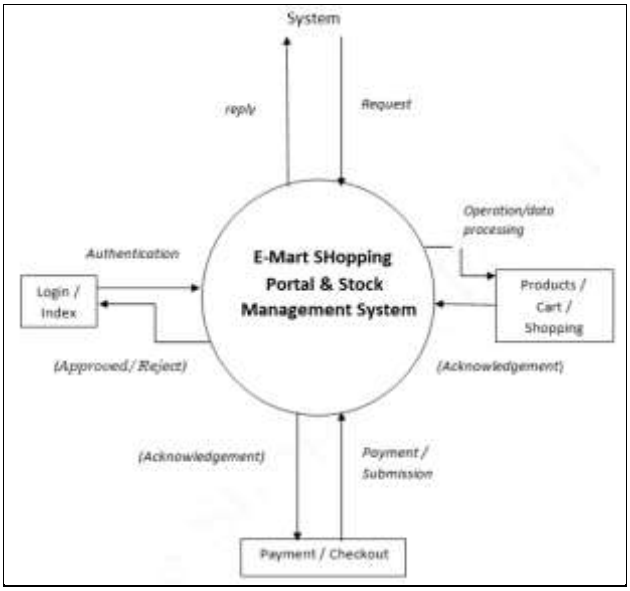

Fig-1 Architecture Diagram of proposed system

PURCHASING AN ITEM

Description of feature

The user can add the desired product into his cart by clicking add to cart option on the product. He can view his cart by clicking on the cart button. All products added by cart can be viewed in the cart. User can remove an item from the cart by clicking remove. After confirming the items in the cart, the user can submit the cart by providing a delivery address. On successful submitting the cart will become empty.

ADMIN

MANAGE USER

Description of feature

The administrator can add user, delete user, view user and block user.

MANAGE MODERATOR

Description of feature

The administrator can add moderator, delete moderator, and block moderator and search for a moderator.

MANAGE PRODUCTS

Description of feature

The administrator can add product, delete product and view product.

MANAGE ORDERS

Description of feature

The administrator can view orders and delete orders.

Functional requirements

The system must identify the login of the admin.

Admin account should be secured so that only owner of the shop can access that account.

To provide fast delivery network depend on nearest grocery shop.

MODERATOR

Description of features

A moderator is considered as a staff who can manage orders for the time being. As a future update moderator may give facility to add and manage his own products. Moderators can reduce the work load of admin. Now moderator has all the privilege of an admin having except managing other moderators. He can manage users and manage products. He can also check the orders and edit his profile.

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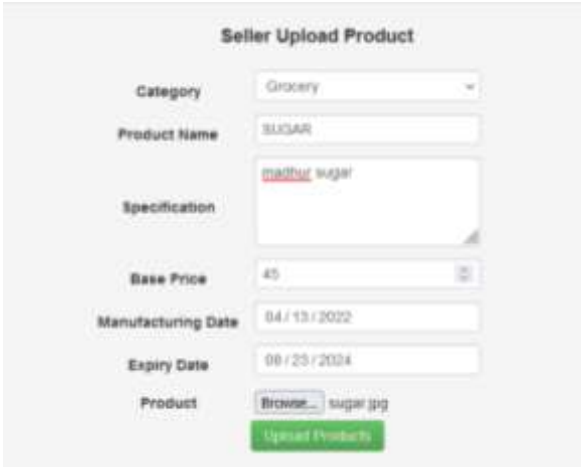
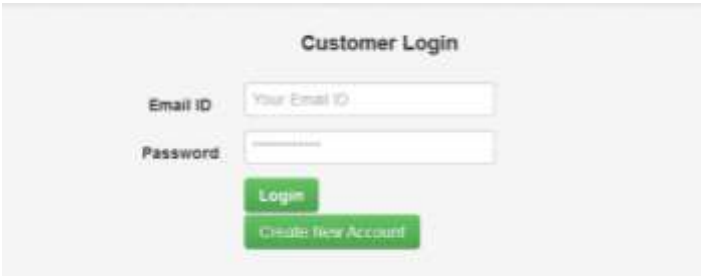
4. MODULE IMPLEMENTATION

4.1 Admin Login/Register

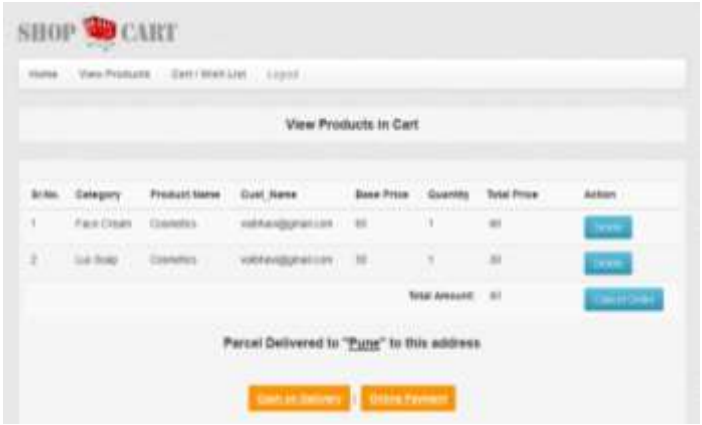
4.3 Admin Upload Product



4.4 Customer Login/Register



4.6 Cart/Wishlist Module



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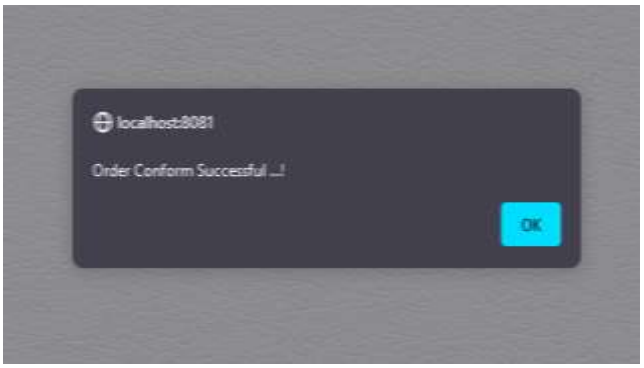
4.7 Notification



4.8 Customer details

5. FUTURE SCOPE-

This system can be implemented to any shop in the locality or to multinational branded shops having retail outlet chains. The system recommends a facility to accept the orders 24*7 and a home delivery system which can make customers happy.
If shops are providing an online portal where their customers can enjoy easy shopping from anywhere, the shops won't be losing any more customers to the trending online shops such as flipcart or ebay. Since the application is available in the Smartphone it is easily accessible and always available.

6.CONCLUSION-

This project is an attempt to provide the advantages of online shopping to customers of a real shop. It helps buying the products in the shop anywhere through internet by using an android device. Thus, the customer will get the service of online shopping and home delivery from his favourite shop. This system can be implemented to any shop in the locality or to multinational branded shops having retail outlet chains.
This project is a web based shopping system for an existing shop. The project objective is to deliver the online shopping application into android platform.

Online shopping is the process whereby consumers directly buy goods or services from a seller in real-time, without an intermediary service, over the Internet. It is a form of electronic commerce. This project is an attempt to provide the advantages of online shopping to customers of a real shop. It helps buying the products in the shop anywhere through internet by using an android device. Thus, the customer will get the service of online shopping and home delivery from his favourite shop.

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