ONLINE SHOPPING SYSTEM- SKYSHOP

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Abstract: This is ecommerce systems concept. The main idea is now that consumers may buy items. The idea is to create an e - commerce website to handle the products in the store and allow consumers to buy them without having to come to the store in person.TThe main idea behind the programme is to enabling users to buy virtually through the Web and buy the items they desire from the store. Based on the consumer's menu selections, the details of the items are pulled from the database for them to see, and At the conclusion of each transaction, the product database is updated.'

The "ONLINE SHOPPING SYSTEM" is developed using the PHP CodeIgniter framework which follows the Model-View-Controller architectural design. When working with web applications, it is industry standard procedure. MVC divides data, business logic, and presentation into fields based on the current need.This is an online shopping website where you can buy mobile phones, laptop computers, cameras, and a variety of other products. Users who wish to purchase things will first create an account on this portal, then log in using their Username and Password, select items they want to buy and add them to their basket, and then check out.

Index Terms - **E-commerce, CodeIgniter, Model-View-Controller, Online Shopping Website.**

I. INTRODUCTION

This E-commerce Application is developed in Java for online shopping purpose. This website is useful for customer, business owner and employee. [2]Customer is able to register and login into system. Customer is able to purchase product from this website he have a facility to pay amount online. customer can create his shopping cart and manage his cart. Customer can also post his complaints on to the portal. [9]Customer also facilities like wish list management, view order detail, order tracking, view shopping history, etc.

[9]In this website business owner is able to add his product on shopping portal. Also able toview order details of customers. Business owner can select and purchase the package foradding product on website.

Package contains number of items added on portal and validity of package. Business owner can view his account balance at any time. He can also able to track customer order and manage discount offers.[1]Admin is able to view and control other user of the system. He is ableto add new category on website. Also he able to remove, block any user. He is able to manage package and security question on the portal. Also he can add new location or area in to the system.

[3]Employee on this portal is useful for providing support to customer for his order status and any other purpose. He can solve the query posted by customer. Also able to view orders andfeedback of customer. [6]Admin, business owner, customer and employee able to view variousreport like invoice of order, total number of customer registration, total product sale, total business owner registration, etc.

II. EXISTING SYSTEM

- [5]In existing System shopping done in going in actual market, so time and cost are increased.
- In existing System shopping done in traditional way.
- Traditional operations are constrained in terms of the number of individuals who can be served at the same time.
- [7]Flipkart and Yabhi are the shopping site but they can not provide facility for addingnew product on site for any business parties.

III. SCOPE

- Provide secure login to the user.
- Purchase product online.
- History and order statuses.
- Order Tracking.
- Wish list management.
- Many delivery locations.
- Recently ordered products.
- Product Search .
- User can add various items in to cart.
- Business owner can add new items, update and delete items.
- Business owner can also add discount, promotional offers to the customer.
- Admin can be able to view System generated reports.
- Also system can store the history of user purchase details.
- Also Admin have full control on Business owner activities.
- SEO
- Report generation.

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3.1 Objectives

- Ubiquity: It can be found almost anywhere and at any time.
- Global reach: The size of the prospective market is nearly equivalent to the global internet population.
- Universal standards: All nations in the worldwide use the same technological standards for the Internet and, as a result, for conducting ecommerce.
- Richness:Complex and content-rich information can be supplied with no loss of reach.
- Interactivity:E-commerce technologies allow the business and the customer to communicate in both directions.
- Personalization/Customization: Merchants can target marketing messages based on a person's name, interests, and previous transactions using e-commerce technologies. They enable a merchant to modify a product or service to a customer's purchasing habits.

3.2 Proposed System

In this proposed system-

In this system customer's can able to purchase product at any time, place.Words, pictures, and multimedia content must be used to explain items for sale on online shops.One advantage of shopping online is the ability to quickly compare prices for things or services from a variety of sellers.Products may be selected more quickly and easily when they are all in one spot.Real- time monitoring and email notifications. Reports created can be saved for future use. Inventory reports are generated for the vendor/seller on a daily, monthly, and yearly basis.Good/Trusted & Tension free delivery services. Customer's browsing expenses have been reduced. It does become easier, quicker, and more accurate in terms of price identification.

3.3 Module Specification

1. **Admin**

- Admin has secure login.
- Admin can be manage product Categories on site
- Admin also set the Discounts and the Offer Period.
- Manage FAQ
- Manage Advertisement.
- Manage Security Question
- Manage New Area of Location
- View orders Report Date wise.
- ADD/Update/Delete the Banner on Each Page.
- View Out of Stock Product
- View Report of Cash Order and Cash on Delivery Order.
- Order Management(View Report of Delivered and Undelivered Product)
- Warehouse Management(Stock Management)
- View Report of Profit and the Loss.
- Forgot Password.
- Maintain Contact Us Data.

- Change Password.
- Logout.

2. CUSTOMER MANAGEMENT

When registration is successful, the client's information, such as name, email address, and password, is sent to the website, and the customer is allowed to log in so that he or she can use the majority of the website's services.

- Customer has a secure login.
- Manage his profile.
- View and Search all Product Categories.
- View order status.
- Send Feedback.
- Order Tracking Status.
- View all Reports of all products.
- Forgot Password.
- Change Password.
- Logout.

3. BUSINESS OWNER:

- Business owner has secure login.
- Business owner can be able to add/delete his product on site
- Also business owner also able to purchase product online from other business parties.
- Purchase package.
- View orders.
- View account details.
- Order Tracking.
- View Added Product Details.
- Also he can able to manage discounts and offers of his product.
- Forgot Password.
- Change Password.
- Logout.

4. EMPLOYEE MODULE:

- Employee has a secure login.
- Manage his profile.
- View order status of customer.
- Answer or solution to customer queries.
- View feedback.
- Message sending.
- View Various Reports.
- Forgot Password.
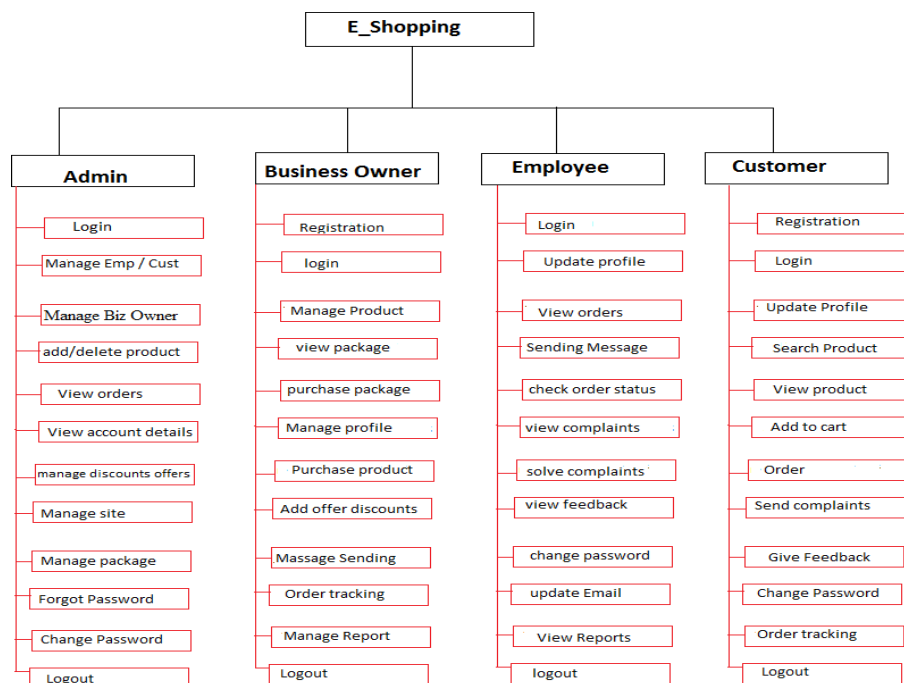- Change Password.
- Logout.

Fig.1. Module Hierarchy

PROPOSED ENHANCEMENTS

- Develop module for multicurrency.
- Adding new delivery location.
- Adding module for Multilanguage support.
- Adding product comparison.

CONCLUSION

"On-Line Shopping" is a web-based project that allows people to shop remotely or over the Internet. The style of living is evolving in sync with technological advancements. We can now order anything from the comfort of our own homes. There is no need to go to the store to purchase the items we desire. We can place your order through the internet. We can do anything we want with the payment and the purchase confirmation. Now we can consider how the days have evolved over time. People had to queue in order to purchase a specific item from a well-known store. But, in today's world, we can be pleasantly surprised that those items can be delivered to our doorstep in a matter of hours.

REFERENCES

1. S. Parthasarathy & B. W. Khalkar "Systems Analysis, Design and Introduction to Software Engineering"..
2. Pal, Tannistha & Pandey, Sudhanshu & Deb, Arindam. (2021). "HandCrafted: An Online Shopping Website of Handicratfs", Journal of Physics.
3. Hidayat, Arief & Utomo, Victor. (2014). "Implementing CodeIgniter Framework in Open Source Mobile Learning Application", International Journal of Computer Applications.
4. Ivan Bayross, "HTML, DHTML, Java Script, Perl & CGI", BPB Publications
5. Hustinawati, Albert Kurnia Himawan, Latifah "Performance Analysis Framework Codeigniterand CakePHP in Website Creation". International Journal of Computer Applications, May 2017.
6. Mohammad Anisur Rahman, Md. Aminul Islam, Bushra Humyra Esha, Nahida Sultana & Sujan Chakravorty, "Consumer buying behavior towards online shopping", Cogent Business & Management, 2018.
7. Prokofyeva, Natalya & Boltunova, Victoria. . "Analysis and Practical AppliApplication of PHP Frameworks in Development of Web Information Systems". Procedia Computer Science 2017.
8. Hidayat, Arief & Utomo, Victor, "Implementing Code Igniter Framework in Open Source Mobile Learning Application". International Journal of Computer Applications 2014.
9. Zuzana Svobodová, Jaroslava Rajchlová "Strategic Behavior of E-Commerce Businesses in Online Industry of Electronics from a Customer Perspective", Published: 10 October 2020.