



e-ISSN: 2319-8753 | p-ISSN: 2320-6710

IJRSET

International Journal of Innovative Research in
SCIENCE | ENGINEERING | TECHNOLOGY

INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH


IN SCIENCE | ENGINEERING | TECHNOLOGY

Volume 10, Issue 5, May 2021

ISSN INTERNATIONAL
STANDARD
SERIAL
NUMBER
INDIA

Impact Factor: 7.512

 9940 572 462

 6381 907 438

 ijirset@gmail.com

 www.ijirset.com



An Online Shopping System using Password for Login through SMS

Mrs. A. S. Khandagale¹, Omkar Yadav², Shivam Bhorde³, Sumit Padwal⁴, Shubham Kadam⁵

HOD, Department of Information Technology, AISSMS College of Polytechnic, Pune, Maharashtra, India¹

Final Year Student, Department of Information Technology, AISSMS College of Polytechnic, Pune, Maharashtra, India²

Final Year Student, Department of Information Technology, AISSMS College of Polytechnic, Pune, Maharashtra, India³

Final Year Student, Department of Information Technology, AISSMS College of Polytechnic, Pune, Maharashtra, India⁴

Final Year Student, Department of Information Technology, AISSMS College of Polytechnic, Pune, Maharashtra, India⁵

ABSTRACT: An online shopping system that permits a customer to submit online orders for items and/or services from a store that serves both walk-in customers and online customers. The online shopping system presents an online display of an order cut off time and an associated delivery window for items selected by the customer. The system accepts the customer's submission of a purchase order for the item in response to a time of submission being before the order cut off time. The online shopping system does not settle with a credit supplier of the customer until the item selected by the customer is picked from inventory but before it is delivered. Therefore, the customer can go online and make changes to the order. In addition, available service windows are presented to the customer as a function of customer selected order and service types and further, the order picking is assigned in accordance with a picker's preference. When ordering goods, many shopping systems provide a virtual shopping cart for holding items selected for purchase. Successive items selected for purchase are placed into the virtual shopping cart until a customer completes their shopping trip. Virtual shopping carts may be examined at any time, and their contents can be edited or deleted at the option of the customer. Once the customer decides to submit a purchase order, the customer may print the contents of the virtual shopping basket in order to obtain a hard copy record of the transaction.

KEYWORDS: small business's product sales, SMS confirmation, product recommendation.

I. 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. 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 flipkart or eBay. Since the application is available in the Smartphone it is easily accessible and always available. The purpose of ONLINE SHOPPING is to automate the existing manual system by the help of computerized equipment and full-fledged computer software, fulfilling their requirements, so that their valuable data can be stored for long period and easy accessing and manipulation of the same. The required software and hardware are easily available and easy to work with.



Online shopping as described above, can lead to error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather than concentrate on record keeping. Thus, it will help organization in better utilization of resources. They can maintain the computerized records without redundant entries.

That means that one need not be distracted by information that is not relevant, while being able to reach the information. The aim is to automate the existing manual system with the help of computerized equipment. Basically, the project describes how to manage for good performance and better services for the client.

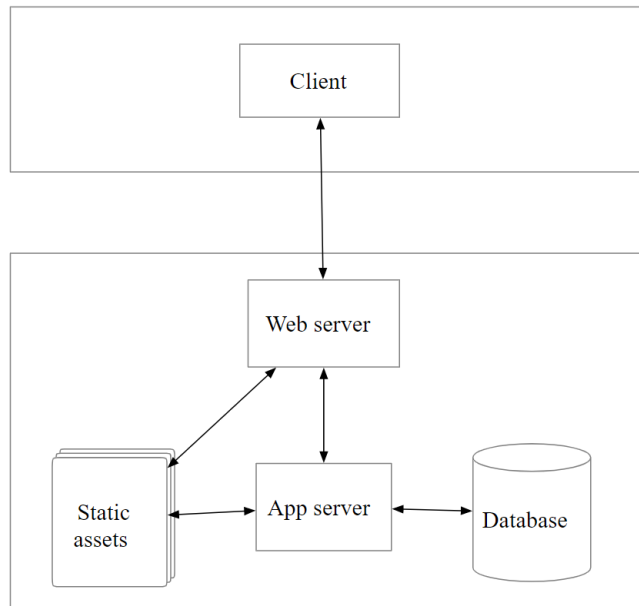


Fig 1. Architectural Diagram

II. LITERATURE SURVEY

After identifying the problem related to the delaying of products and the methodology, we took the survey of the following papers to see what type of papers had been published to solve these problems.

[1] Presently days the way of life of the individuals is unique. People feel awkward and tedious for going swarmed markets. In this way, online Shopping is a help as it spares parcel of time. Online shopping is the procedure whereby buyers straightforwardly purchase services or goods from a vender progressively, without go-between services, over the web.

[2] 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 simplifies system development, maintenance, and usage.

[3] Designing interactive systems with graphic user interfaces is an important step in the development of online devices and websites. Online shopping systems and recommender applications have improved in the last decade and they are now widely used all over the world. However, it is important to understand online shoppers needs and preferences and to take them into account.

[4] The e-commerce business in India is booming. The country is likely to remain one of the fastest growing e-commerce markets in the foreseeable future. Homegrown players like Flipkart and global behemoths like Amazon are trying every trick possible to woo the Indian consumers.



III. PROPOSED METHODOLOGY

After taking the survey from above papers we have identified that there can be some more work we could do on this topic. In our website there are 4 main modules through which the working of the website will be efficient. These 3 modules explain us the whole working of the project.

1. Admin Login:

- Step 1: Admin has all the authority in the webpage.
- Step 2: Admin can add the business owners and edit/view their business profile.
- Step 3: Admin has the authority to manage the business owner’s payment details.

2. User Registration and User Login:

- Step 1: User can register themselves by filling the simple registration form.
- Step 2: After registration, user can login and search the products which he/she wants to buy.
- Step 3: User can change the password for security reasons.

3. Business owner registration and login:

- Step 1: Business owner can register themselves by filling the registration form or by calling to the admin.
- Step 2: Business owner can also add his businesses logo or image.
- Step 3: Business owner can sell their products by giving the description, year of warranty.

4. Payment option:

- Step 1: In our project, there are various methods available for the payment.
- Step 2: After completion of payment, we will receive a notification/SMS of confirmation.

IV. SOFTWARE REQUIREMENT

- Web Browser : IE 8.0 or Mozilla 3.0.8 / Chrome or Above.
- OS : Windows 07 and above
- Software : Eclipse, Xampp, Apache Tomcat.
- Front End : CSS, HTML, JAVASCRIPT, Java 1.8
- Back End : MySQL

V. PROPOSED SYSTEM DESIGN

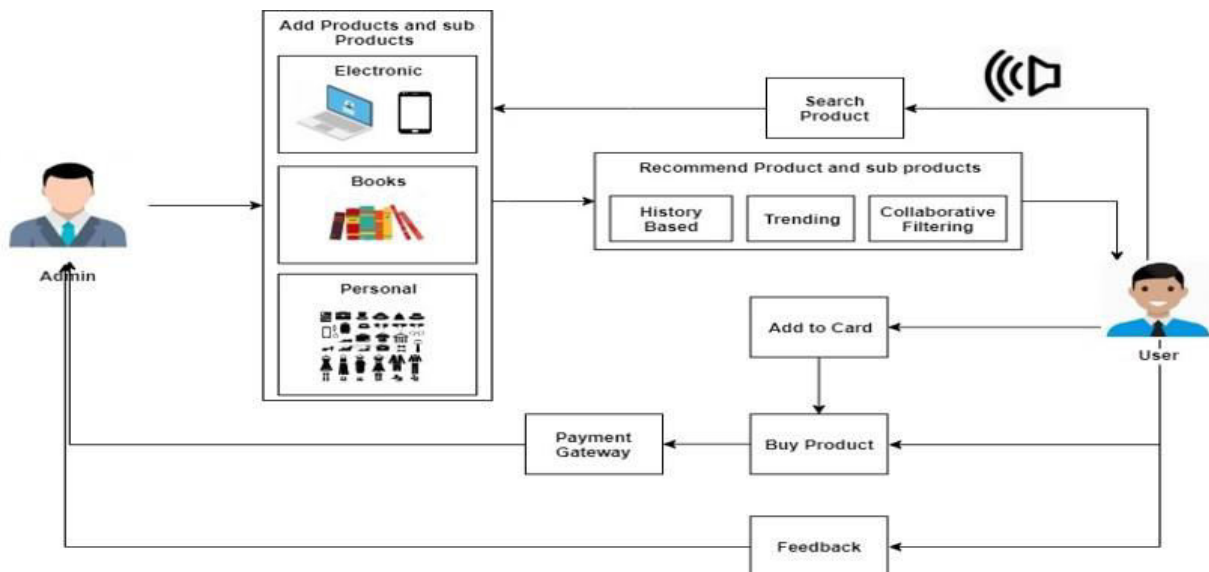


Fig 2. System Design



VI. IMPLEMENTATION AND RESULT

We develop a website that show product by using trending wise, search history basis and collaborative filtering Basis.

Here Users can register themselves by firstly filling the registration form in which the mobile number and email id is very important. It is so because user can login through the email id they give and they will receive a message (SMS) in which password will be provided using which they can login.

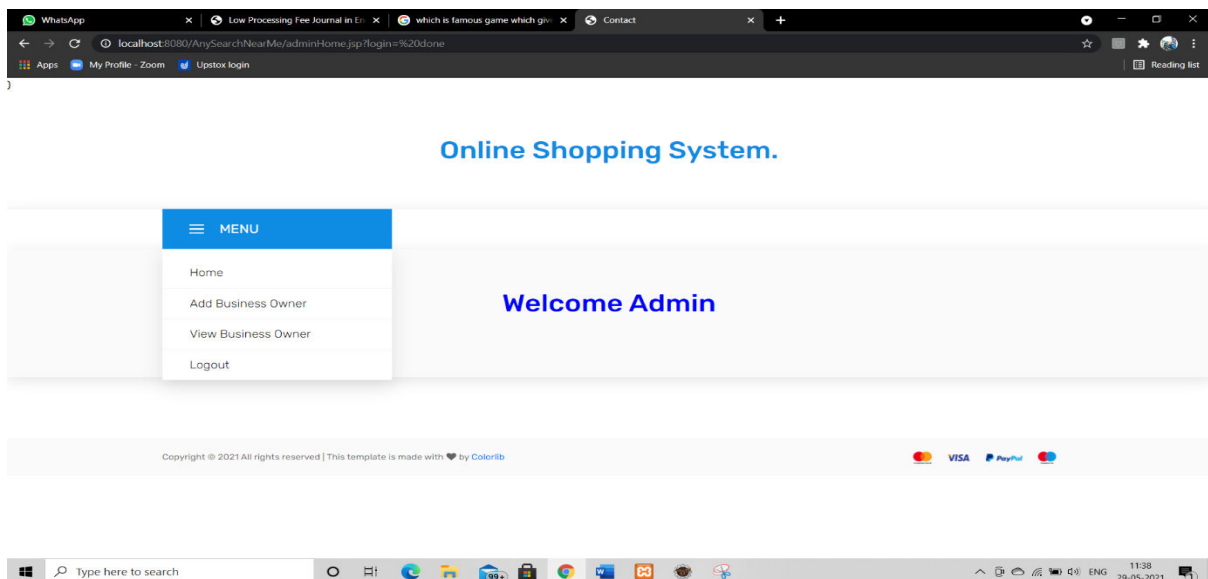
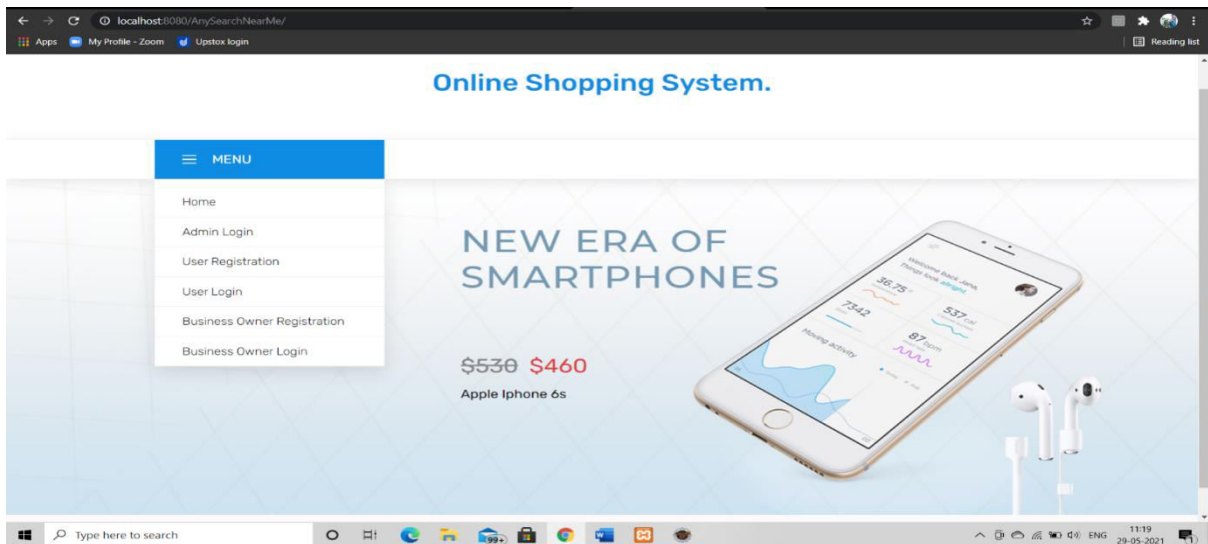
Authenticate users:

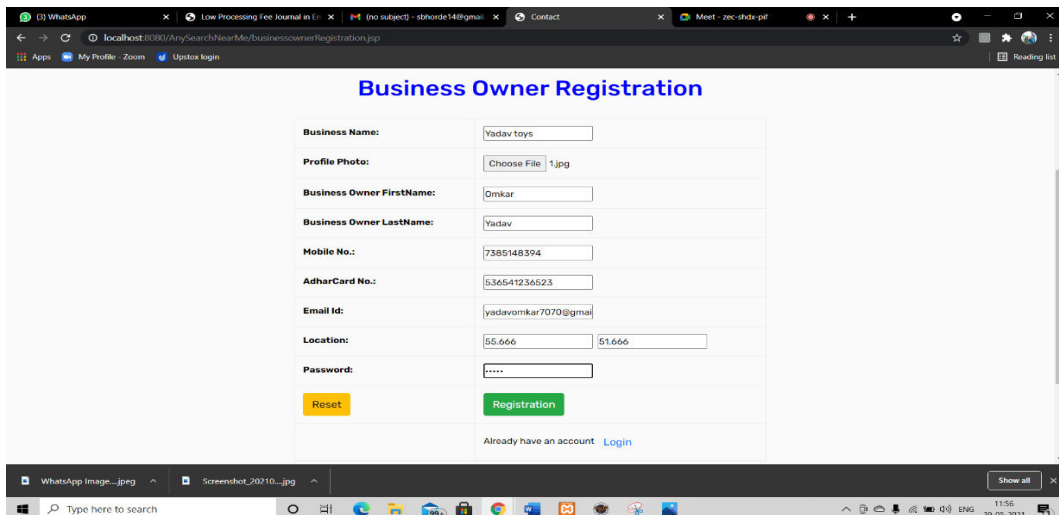
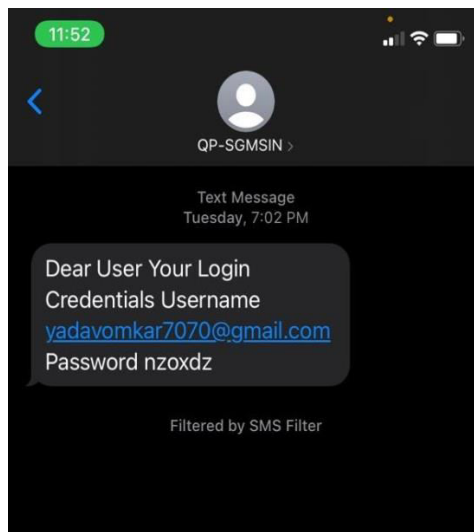
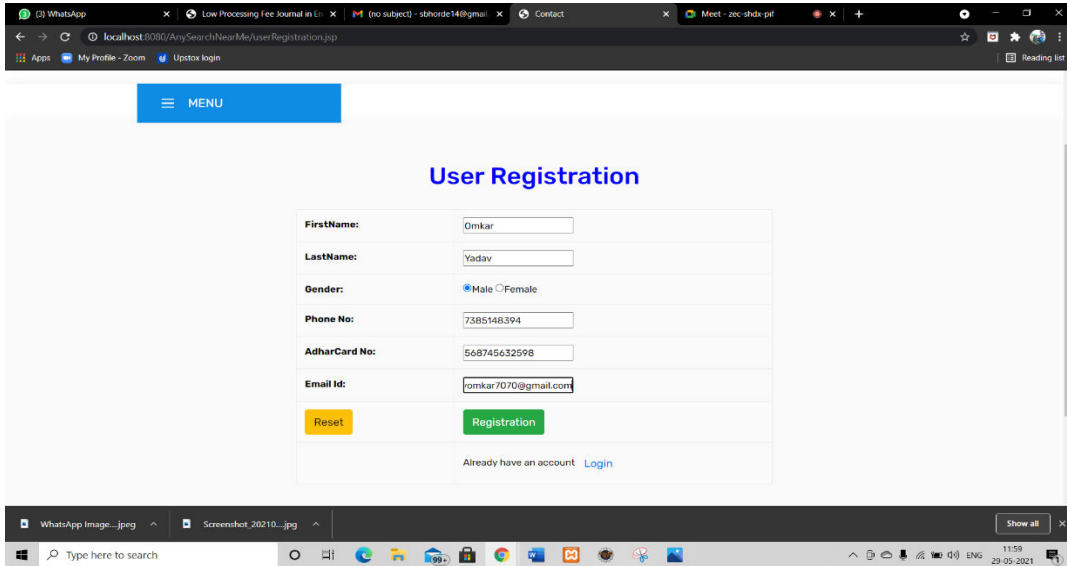
- System authenticates users through SMS login.
- Only genuine users get access the system.

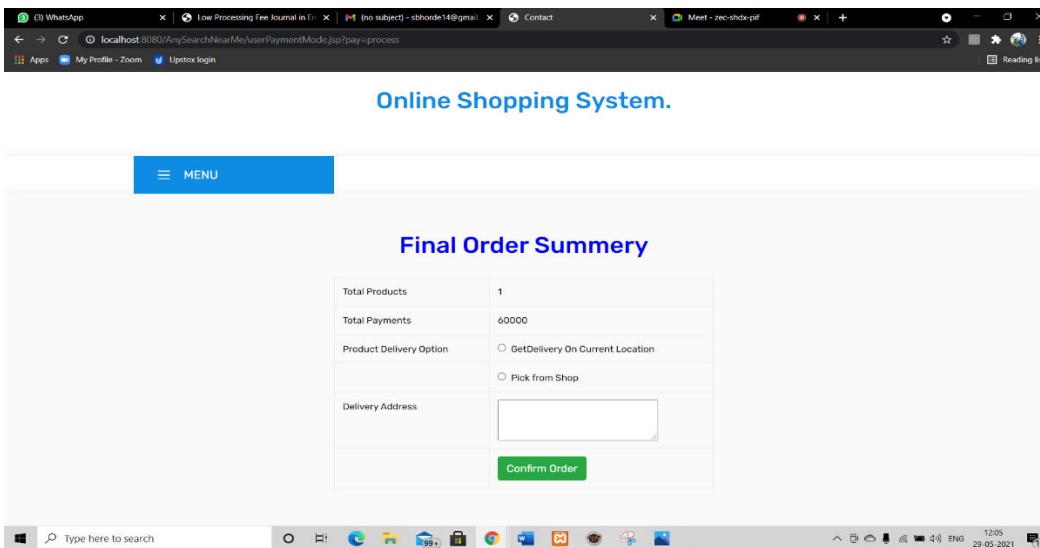
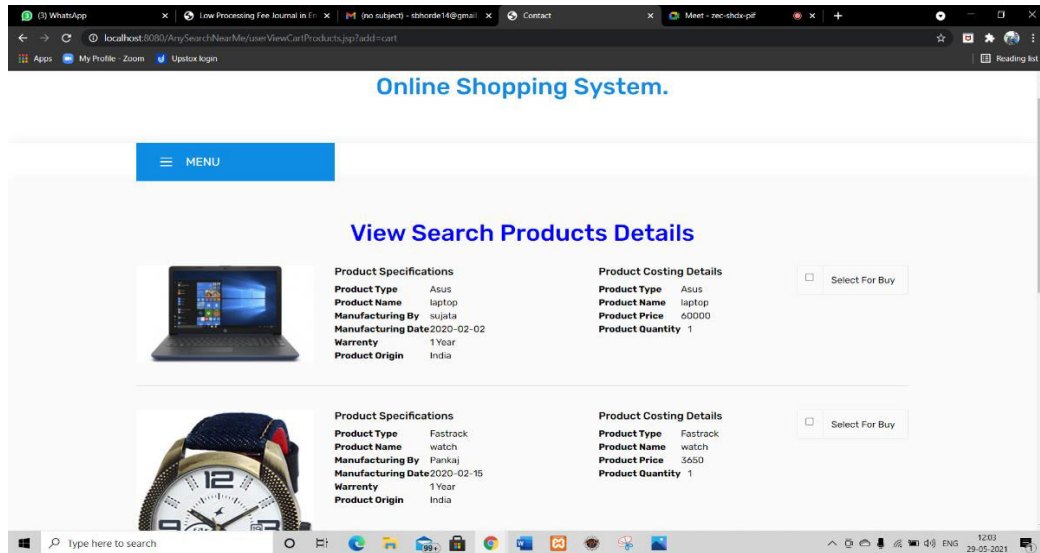
Business owner can add their products which they want to sell on our website. These are the products which the users or the customers can buy. Business owner can register themselves or can contact to the admin.

Business owner or Admin add products and sub products of different types.

RESULT: Here is the result or the output of the project.







VII. CONCLUSION AND FUTURE WORK

We show the product recommendation site that shows product based on trending, collaborative filtering and Search history based. After that authenticate user using OTP only authorized users get access of the system. Thus, we made an Online Shopping Website that can provide various products to people in need and who want to sell their products on our website. There is a lot of problems facing by the todays for product recommendations so we implement the Product Recommendation system that recommend products to users on the basis of collaborative filtering and trending and search history basis. Authenticate users using OTP and apply input for searching the products.

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