

Smell Well

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Abstract- 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. 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 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 Flipkart or e-bay. Since the application is available in the Smartphone it is easily accessible and always available.

Keywords- Android Studio, Shopping, Php, Mysql, Website, Mobile Application, Java.

I. INTRODUCTION

The central concept of the application is to allow the customer to shop virtually using the Internet and allow customers to buy the items and articles of their desire from the store. The information pertaining to the products are stores on an RDBMS at the server side (store). The Server process the customers and the items are shipped to the address submitted by them. The application was designed into two modules first is for the customers who wish to buy the articles. Second is for the storekeepers who maintains and updates the information pertaining to the articles and those of the customers. The end user of this product is a departmental store where the application is hosted on the web and the administrator maintains the database. The application which is deployed at the customer database, the details of the items are brought forward from the database for the customer view based on the selection through the menu and the database of all the products are updated at the end of each transaction. Data entry into the application can be done through various screens designed for various levels of users. Once the authorized personnel feed the relevant data into the system, several reports could be generated as per the security.

II. LITERATUREREVIEW

- A. Android Studio is Android's official IDE. It is purpose built for Android to accelerate your development and help you build the highest-quality apps for every Android device. It offers tools custom-tailored for Android developers, including rich code editing, debugging, testing, and profiling tools.
- B. MySQL Server is a relational database management system (RDBMS) developed and marketed by Microsoft. As a database server, the primary function of the MySQL Server is to store and retrieve data used by other applications.
- C. PHP is a server-side scripting language. that is used to develop Static websites or Dynamic websites or Web applications. PHP stands for Hypertext Pre-processor, that earlier stood for Personal Home Pages. PHP scripts can only be interpreted on a server that has PHP installed.
- D. Java is a widely used programming language expressly designed for use in the distributed environment of the internet. ... Java can be used to create complete applications that may run on a single computer or be distributed among servers and clients in a network.

III. STUDYFINDINGS

- A. The current systems of this provide only big brand products of the market. So small and less popular companies are not able to sell their products, even though some of these companies provide better products than other well known companies.
- B. Every user should be comfortable with the working of basic application and internet browser. They must have basic knowledge of English language. User can purchase the desired product by selecting categories or searching using search bar. User should also have the knowledge of how to create account, search a product, payment etc features of online shopping system.

C. Admin is an entity which will manage entire system and user is an entity which will use the system. Admin have all the rights for performing any type of action to given rights of user. Admin have under observation of some areas like database, security, integration and management.

D. The minimum hardware requirement is Memory of 1.5 Gb RAM or more, Monitor resolution of 1024*768 or highest access, Android 6.0 or above, 100Mb available on hardware.

IV. FUTURE ENHANCEMENT

We aim to build a system that can assist the online market to manage the crowd at their store. This project is our first step towards this goal. We have planned that we can add numerous features in this system to help the customers as well as the online market in both different ways. The retail industry has been advocating “Online Shopping” for many years by adopting various technologies to enhance the shopping experience at the retail environment. The vision of online shopping promises is to provide on-the-spot information about various discounts, schemes, etc.

V. CONCLUSION

The system has been developed with much care and free of errors and at the same time it is efficient and less time consuming. The purpose of this project was to develop a web application and an android application for purchasing items from a shop. This project has given us great satisfaction in having designed an application which can be implemented to any nearby shops or branded shops selling various kinds of products by simple modifications.

VI. ACKNOWLEDGMENT

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