

Local Mart Management System

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Abstract: Now days customers prefer online shopping for each and every thing from electronic device to cloths .Due to this the local retail market has fallen down drastically .Local mart management system are trying to provide an opportunity to all the local retail shopkeeper to boost their business online. Since all the shopkeeper won't be able to launch their personal website for E-commerce business but they can use the services provided by local mart management system by login their details and they can start their retail business online. Local mart management system intension is to boost up the local retail shop business by providing them an interface. As most of the online shopping E-commerce sites has its own price, local mart management system have a different approach. In this e-commerce application website of a particular product is compared between all the local retail store of particular area and the best price will be shown on the top of the search followed by the second and so on. Local mart management system also filter it by quality,time duration and customer's feedback.

Keywords : *E-commerce, Online shopping, Digital Market.*

1. INTRODUCTION

Local mart management system is an interface between the local retail shops and customer. Basically Local mart management system act as third party .In Local mart management system, customers search the product of their will by providing their location. In response to which, all the local retail shops will be displayed depending on their ratings which is based on price, quality ,time duration and customer's feedback . All the transaction occuring between the customer and the shopkeeper using our interface will be secured and handled by Local mart management system administrator.

Local mart management system consists of two parts i.e.

- (i) Front-end
- (ii) Back-end

Local mart management system front-end side mainly concentrates on user inputs.After receiving the input from the user,local mart management system analyze it and display the outputs

depending on their location. Back-end of the Local mart management system comes into the picture when the customer is ready to place their order. Back-end of Local mart management system completely works on text message. Administrator of Local mart management system is a mediator between customer and local retail shop.

Since, it is not possible to detect and filter spam reviews manually. There needs to be a system which can detect such spam reviews in order to protect the customer's interest and also the maintain the true value of the product.

The project makes first attempt to investigate opinion spam in reviews and proposes a technique to identify spam review using sentimental analysis and statistics. The system is to be develop in such a way that depending on outlier aspects the reviews will get separated.

- **E-commerce**

Transaction of buying or selling online is E-commerce.Technologies such as mobile commerce, electronic funds transfer, supply chain management, Internet marketing, online transaction processing, Electronic Data Interchange(EDI), inventory management systems, and automated data collection systems are drawn by E-commerce typically uses the World Wide Web is used by. Modern electronic commerce for at least one part of the transaction's life cycle although it may also use other technologies such as e-mail.

- **Online Shopping**

In Online shopping there is direct relation which allows consumers to buy goods or service in a form of electronic-commerce over the Internet using a web browser. Online shopping enable shoppers to use "search" specific models, brands or items according to their requirement. In Online shopping access to the Internet is must and a valid method of payment in order to complete a transaction, for example a credit card, debit card, or a service such as PayTm. There are various advantages of using Online shopping such as it provides convenience as the shopping can be done 24 hours a day. Also there is an advanced feature of filtering the products according to prices and brand which

makes it possible for consumer for a large variety of choices.

- **Digital Market**

Digital Market makes use of Ecommerce in Digital world where transaction is carried out with the help of online payment methods such as credit card, debit card, PAYTM etc. They make use of C2C model and help to build CRM between customer and shopkeeper.

2. RECENT WORKS

A number of studies in the past have focused on online shopping on the web. However, in our recent studies we are conducting an online platform to provide a platform for local retail stores.

- Author Fengna Ge suggested that-

As a technical and commercial revolution, e-commerce has an impact on the development of social economy more and more profoundly, and changes men's business model and lifestyle fundamentally. Shortages of talents on e-commerce have become a "bottleneck" restricting China's e-commerce development. However, undergraduate teachings in e-commerce have some shortcomings. Out of line with social demands, trainings for talents are of low quality. Therefore, reflecting problems of current undergraduate teachings in e-commerce, thus to explore solutions to these problems is undoubtedly of great theoretical and practical significance.

- Author Bosikou suggested that-

Online network shopping is a popular logistical service with the development of internet. Accordingly we are in the era of big data, online shopping has gradually become the mainstream of modern life. In recent years, with the "Internet +" is proposed, China has attached great importance to the development of e-commerce. But the development speed of logistics service quality of online shopping has been difficult to keep up. This paper which starts from the popularity of the speed security, logistics and logistics service attitude four directions, research the effects of logistics service quality about online shopping. And it is based on the view of system engineering, use AHP and fuzzy evaluation method to establish evaluation index system evaluation.

- Author Ezwan Shah Abdul Majid suggested that-

A key feature of interface web development is based on a few key features; its usability and

assurance that it will suit with its purpose, easy to be user friendly, effective and efficient. Most of the usability principles are widely adopting the non-responsive design in interface web development. However, new trends in interface web development are adopting responsive web design technique. The responsive web design technique is becoming more significant due to high demand of user friendly's interface in website. Responsive web design is defined as a set of techniques applied during the layout level of a project. Therefore, it allows a website to adapt itself to any device according to the width of screen due to various size of devices screen and resolution that lead to different size of layout of the same website. Therefore, it is important to further investigate the most appropriate usability principle that can be adopted in responsive web design for interface web development. This paper is aimed to analyze the most appropriate usability principles in responsive web design as a new trend in interface web development. This paper employed the content analysis method to analyze the data. The results revealed that there are five usability principles that are most appropriate in responsive web design: consistency, familiarity, flexibility, efficient feedback and aesthetically pleasing. The identified usability principles help to provide a website with greater look, consistent and tailored according to the different devices while browsing without zooming in and all pages will be suited to the screen size.

3. PROPOSED SYSTEM

The e-commerce website contains lots of reviews about products or services. The data is stored in a data repository.

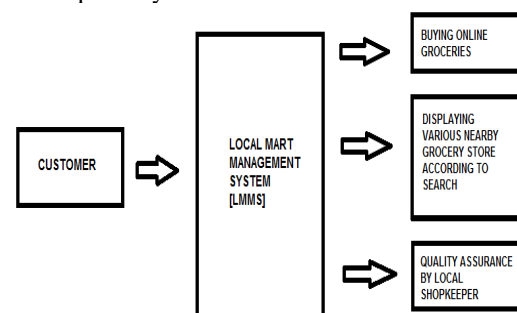


Figure 1: Architectural module

The primary source of such data is online data repositories for education purpose.

3.1 Data Gathering

The dataset which we are using for our project has been downloaded from Shop Repository. From this Repository we are going to use the data to deliver an order. This dataset makes use of XAMPP tool.

At the shopkeeper side the data is processed in dynamic manner.

3.2 PHP

The purpose of using PHP for this project is that we have a larger vision of expanding this system which can handle any amount of data and can process it at a faster rate. The user reviews are generally in large numbers and a normal processor maybe unable to process it.

PHP is the core platform for structuring the front end data with help of MySQL.

PHP is a server-side scripting language designed primarily for web development but also used as a general-purpose programming language. Originally created by Rasmus Lerdorf in 1994, the PHP reference implementation is now produced by The PHP Development Team.¹ PHP originally stood for Personal Home Page, but it now stands for the recursive acronym PHP: Hypertext Preprocessor.

PHP code may be embedded into HTML or HTML5 code, or it can be used in combination with various web template systems, web content management systems and web frameworks. PHP code is usually processed by a PHP interpreter implemented as a module in the web server or as a Common Gateway Interface (CGI) executable. The web server combines the results of the interpreted and executed PHP code, which may be any type of data, including images, with the generated web page. PHP code may also be executed with a command-line interface (CLI) and can be used to implement standalone graphical applications.¹

The standard PHP interpreter, powered by the Zend Engine, is free software released under the PHP License. PHP has been widely ported and can be deployed on most web servers on almost every operating system and platform, free of charge.

The PHP language evolved without a written formal specification or standard until 2014, leaving the canonical PHP interpreter as a de facto standard. Since 2014 work has gone on to create a formal PHP specification.

3.2.1 Location search: This is a unique feature where the shop is been search on the basis of location. the user will mention the location and the nearby shop result will be display on the screen.

3.2.2 Product search: In this method the user can search for a particular product and the list of product with price and shop name will be display on the screen.

3.2.3 Shop registration: The shopkeeper can create a virtual shop on our website by doing few

steps of registration process. after registration the shopkeeper will get a personal dashboard where he can add or edit his inventory manually.

3.2.4 Display Review:

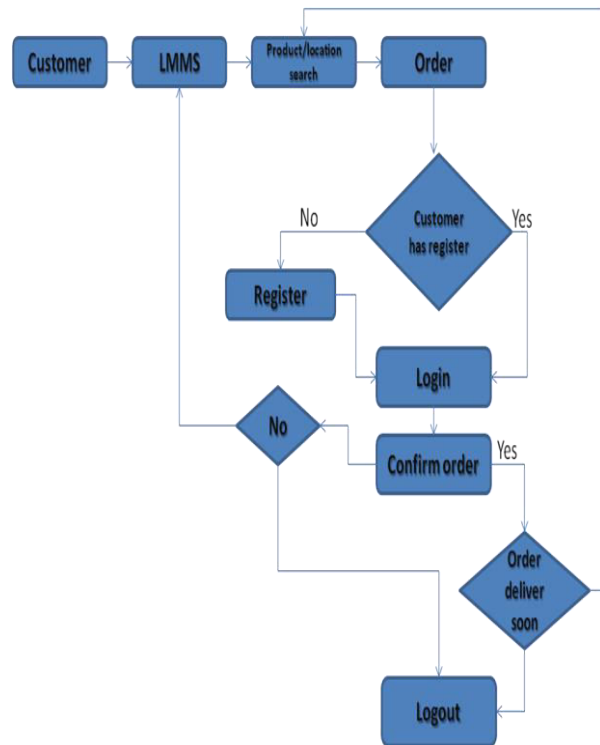


Figure2: Customer flowchart

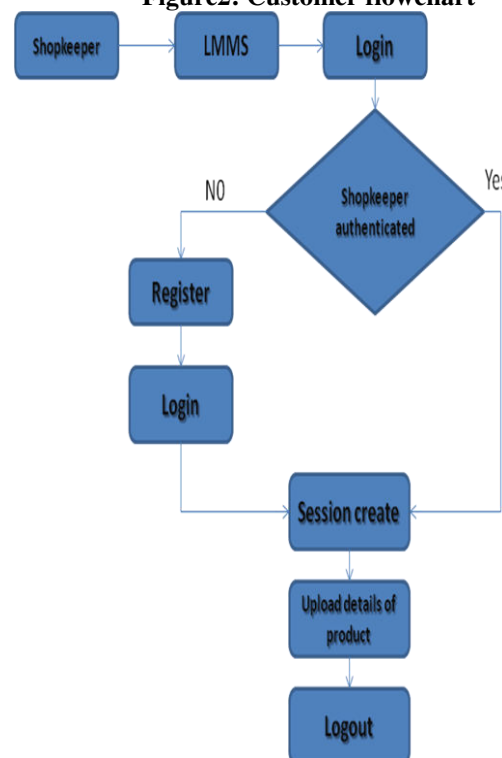


Figure3: Shopkeeper flowchart

4. CONCLUSION:

Current e-commerce management system/site do not involve local shop for the business due to which business of the local market has gone down. To overcome this problem, we propose an efficient e-commerce system i.e. Local mart management system which is capable of involving local market hence enhancing/boosting the business of local market.

5. FUTURE WORK:

In future, it can also be used for selling of electronics product from retail shop through our available interface.

This will help electronic retail shops and to boost up their business.

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