International Journal on Applications in Engineering and Technology
Volume 3: Issue 2: April 2017, pp 1 - 4. www.aetsjournal.com ISSN (Online) : 2455 - 0523

M-SHOPPING APPLICATION USING ANDROID

B.Umesh , S.Satheeshkumar , P.Vignesh , V.Senthilkumar

***Abstract*—** M-Shopping Application is a web based shopping system for an existing shop. The project objective is to deliver the online shopping application into android platform. It is an attempt to provide the advantages of real time shopping to customers of mobile shopping. It helps in buying different types of cardamom garlands in the shop anywhere through internet by using an android device. This system can be implemented to any shop to sell products or to multinational branded shops having retail outlet chains. Since the application is available in the Smartphone it is easily accessible and always available.

Keywords — Android device , smartphones , SQLite

I. INTRODUCTION

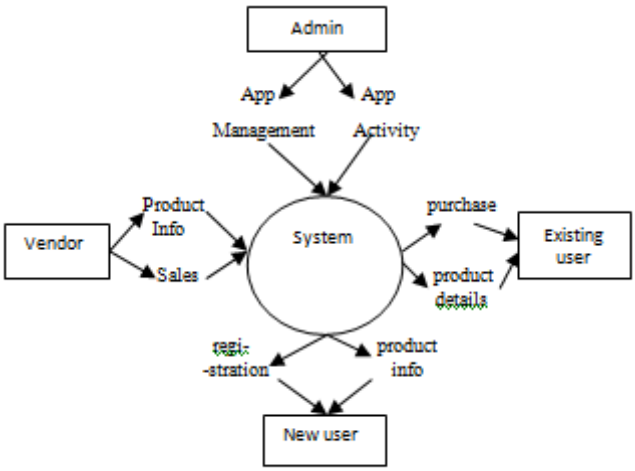
M- Shopping Application is an attempt to provide the advantages of online shopping to customers of a real shop. It is a form of electronic commerce. Here, the customers directly buy the cardamom garlands from a seller in real-time, without an intermediatory service.

The cardamom garland project is displayed in an effective user interface, and the user can select the elaichi garland online with trust and reliability, Initially, cardamom garlands is alone are present in the application. Remaining all sorts of cardamom products will be added in future.

II. M-SHOPPING APPLICATION

M-Shopping project is to make a specific application for elaichi i.e. cardamom and cardamom garlands in an android platform to purchase cardamom garlands 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 this project. Customers don't need to go to auction centres to buy the cardamom products.

III. SCHEMATIC DIAGRAM



IV. SCREEN SHOTS

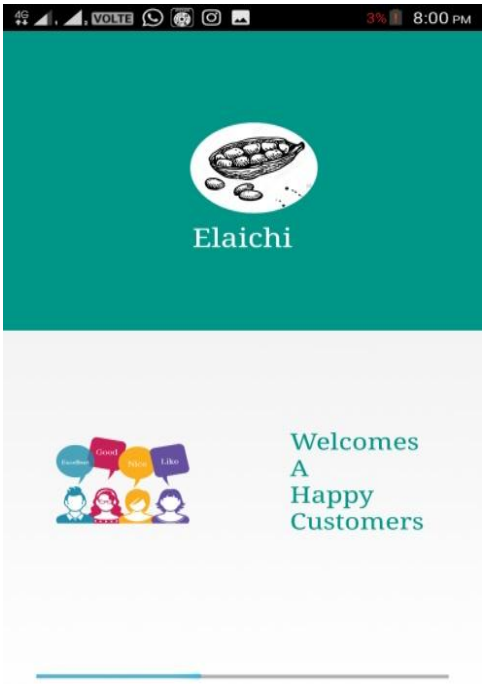


Fig.1.Welcome page

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Fig.2 .Registration

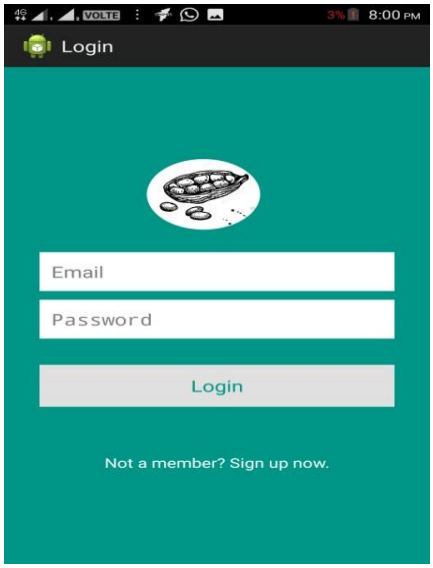

Fig.3. Login

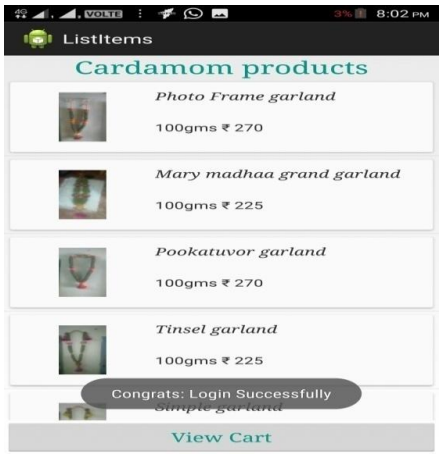

Fig.4 .List Items

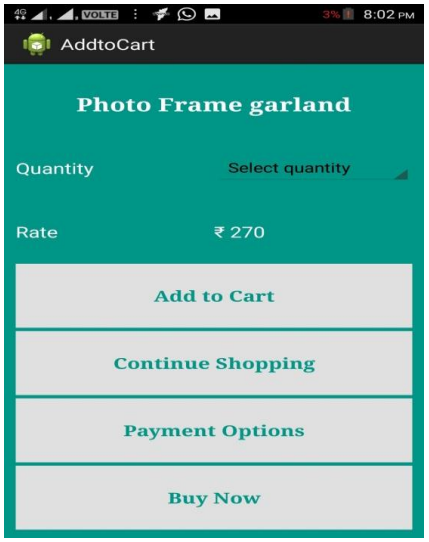

Fig.5.Add to Cart

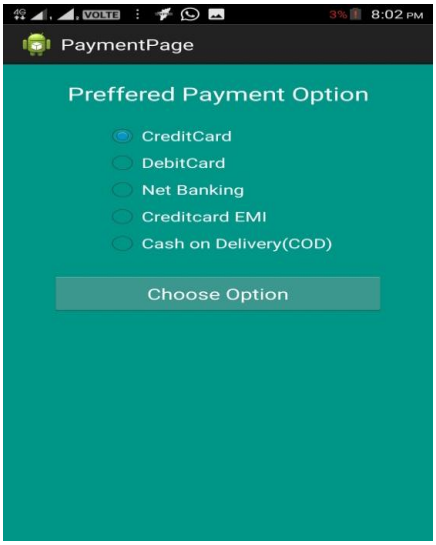

Fig.6.Payement Page

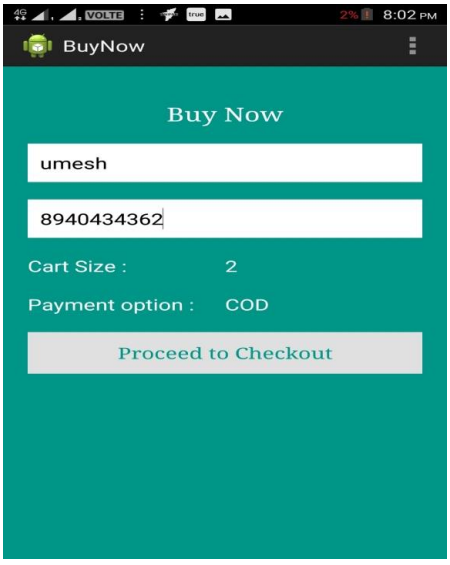

Fig.7. Buy Now

V. RELATED WORKS

Database technology, which is widely used in the business applications, has evolved from primitive file processing to the development of database management systems with query and transaction processing. As consumers Internet activities were shifted from the web to mobile, new opportunities to interact with products are becoming prominent. Mobile Shopping application is a retail application targeted for Android device (i.e. an open source and Linux-based Operating System for mobile devices such as smartphones and tablet computers developed by the Open Handset Alliance, led by Google, and other companies) which helps the customers in finding the product location in store.

Android is an open source software assemble of an operating system, middleware and key applications for mobile devices introduced by Google capable of running multiple application programs. It is a complete operating environment based upon the Linux® V2.6 kernel. Initially, the deployment target for Android was the mobile-phone arena such as smart phones and low-cost flip-phone devices. Android platform is produced to make new and innovative mobile application program for the developers to make full use of all functions connected to handset internet. As a complete mobile platform, Android provides universal set of powerful Operation System, Comprehensive Library Set, abundant Multimedia User Interface and Phone Application. The data-storage burden is eased because the Android platform includes the popular open source SQLite database. SQLite is a software library that implements a SQL engine. It has been used with great success as on-disk file format: allows the developer to handle data in a simple way, but also have the use of database features (such as undo, redo, etc.). In embedded device environment, in which there is low-concurrency and there are little or medium size datasets, SQLite is the right choice.

As the smart phones and android system getting popular, the activities like listening to music, watching videos surfing the internet etc. are moved from the computer to a phone now. The major attractive feature is the lack of interference of built-in advertisements which many of us hesitate to have which we experience when using computer systems. The development of the android application can not only be limited to the function, more attention should be paid to the user's experience .After studying and experiencing some previous android applications ,we decided to use the Java language, the Eclipse platform, android ADT and the android SDK to develop the mobile application for ordering food from restaurants named PikDish. This system has a nice interface and smooth operation. Besides that it won't steal any personal information and bring a wonderful user experience.

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The fluidity of application markets complicate smartphone security. Although recent efforts have shed light on particular security issues, there remains little insight into broader security characteristics of smartphone applications. This paper seeks to better understand smartphone application security by studying 1,100 popular free Android applications. We introduce the deddecompiler, which recovers Android application source code directly from its installation image. We design and execute a horizontal study of smartphone applications based on static analysis of 21 million lines of recovered code. Our analysis uncovered pervasive use/misuse of personal/phone identifiers, and deep penetration of advertising and analytics networks. However, we did not find evidence of malware or exploitable vulnerabilities in the studied applications. We conclude by considering the implications of these preliminary findings and offer directions for future analysis.

SQLite is an in-process library that implements a self-contained, zero-configuration, serverless, transactional SQL database engine. The source code for SQLite exists in the public domain and is free for both private and commercial purposes. SQLite has bindings to several programming languages such as C, C++, BASIC, C#, Python, Java and Delphi. The COM (ActiveX) wrapper which makes SQLite more accessible to scripted languages on Windows such as VB Script and JavaScript, thus adding capabilities to HTML applications. It is also available in embedded operating

systems such as IOS, Android, Symbian OS, Maemo, Blackberry and WebOS because of its small size and ease of use. SQLite is an in-process library that implements a SQL database engine. The code for SQLite is the public domain and therefore thus free to use for any purpose, commercial or private. SQLite is currently found in more applications, including several high-profile projects.

The transformation from e-commerce to m-commerce in an Indian context. E-commerce, stands for electronic commerce, on the internet, it pertains to a website, which sells products or services directly from the site using a shopping cart or shopping basket system and allows payments through cards, e-banking, cash on delivery. Customers can purchase anything right from a Insurance Policy to pen o sitting comfortably in their office or home and gift it to someone sitting miles apart just by click of a mouse. Though it offers many benefits to users, there are -many reasons for not shopping online like are lack of trust, security concerns, uncertainty about product and service quality, delay or non-delivery of goods, and lack of touch-and-feel shopping experience. Mobile Commerce (M-commerce) is the subset of electronic-commerce (e-commerce), which includes all e-commerce transactions, carried out using a mobile (hand held) device. M-commerce is the way of doing business in a state of motion. M-commerce depends on the availability of mobile connectivity. According to IT experts, in the future, consumers will be able to shop using a handheld computing device, PDA, wearable computer, mobile phone or smart devices. In virtually any place – malls, restaurants, hotels, airports and other locations – this user will be able to receive coupons, download information, receive sales offers, and perform credit card transactions. In such future scenarios, M-commerce means that customers can shop anywhere, anytime . M-commerce offers multiple advantages like Ubiquity, personalization, flexibility, and distribution, instant connectivity, immediacy.

VI. CONCLUSION

Though there are many m-shopping applications are available for buying diverse products, there is no specific application for buying for cardamom and cardamom related products. Now it has been developed for cardamom garlands alone. The developed application will reduce the existing issues like faking by deceptive pictures and warranty issues. Remaining cardamom and cardamom related products will be taken into account in future.

VII. ACKNOWLEDGEMENT

We cordially thank our institution for their support and our lecturers for their constant insights and guidance for the survey.

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