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NEARBY OFFERS USING ANDROID

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Abstract— Many customers miss out on discounts offered in the local shops due to lack of awareness as they are rarely advertised. Build an application which would list all the ongoing discounts in all the shops in the radius of 5Kms of a customer's location. Local super markets upload list of items and discounts to be offered for the coming week. For each week list of items are updated. Super market owners should be able to change the discount rates at any time. Customers to get weekly updates on the discounts offered in their nearby super markets. Existing system is displays only the list of shops. This application displays the list of shops within the radius of 5km from the customer's location. The items in the shops are sorted according to the customer's requirement. Two logins, one for super market owners and the other for clients to be created. This application helps to get the best item at minimum cost.

Keywords— super markets, items, offers, customers, Android Application, GPS, location based services.

I. INTRODUCTION

Discounts are the catchy aspect of shop owners to attract customers. People on the other hand get excited on hearing discounts for their favourite products. But the discount information reaching everyone is the key. You are able to browse and search for items, as you would in a regular store; there is a wider range of items. Traditional shopping is a term used to refer to the way of doing shopping where you visit stores and goods. In traditional shopping one has to leave home, either walk or take a ride to the store or shopping center in order to know offers about the items what one wants. Convenience is also an important feature.

People can go shopping online whenever they want or can. But an advantage of shopping in traditional way is that people can check out their goods with their own eyes and hands. In day to day life, we will need to

buy lots of goods or products from a shop. It may be food items, electronic item, house hold items etc. Now a days, it is really hard to get same time to go out and get them by ourselves due to busy life style or lots of works. In order to solve this, B2C (Business to Consumers)E-Commerce websites have win started. In day to day life, we need lots of goods or products from a shop. It may be food items, electronic item, house hold items etc.

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II. IMPLEMENTATION

Application is implemented as an android application so that it provides users to make request anywhere within the range of 5kms and at anytime. This application will reduce the time complexity, we need not search each and every shops for discounts, the application itself provides the discount details. Notification will be sent to the user via our application. Super market owners updates the product details at anytime.

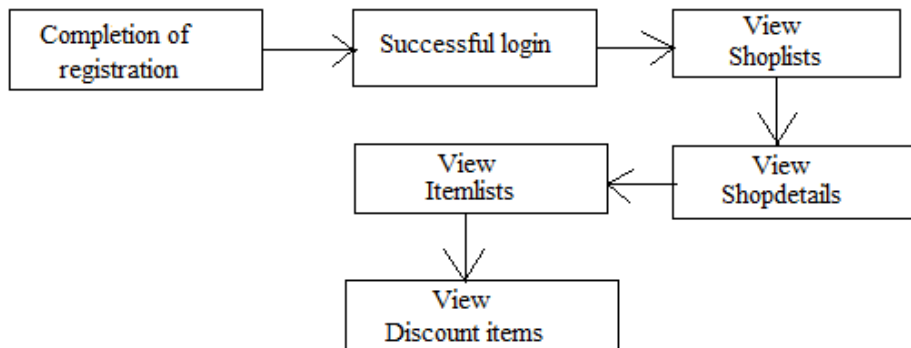
The database tool used for the application is mysql which is connected to android app using PHP scripts.

III. WORKFLOW

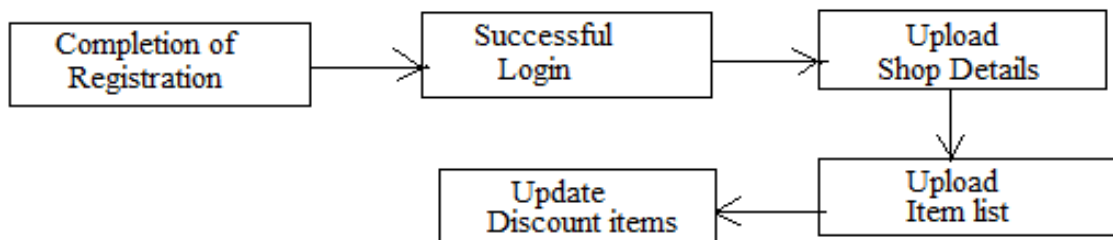
Workflow is the start-to-finish process from the user searches for the discounts in all shops to the user gets the benefits. The flow of this project begins with the user successfully logging into the system can view the discounts in all shops. The owner successfully logging into the system and updates the discount details. Admin finds the shop locations and provides those location details to the user and admin also maintains the account details of both users and shop owners.

3.1 Workflow Diagram

The general workflow for an user is as follows:



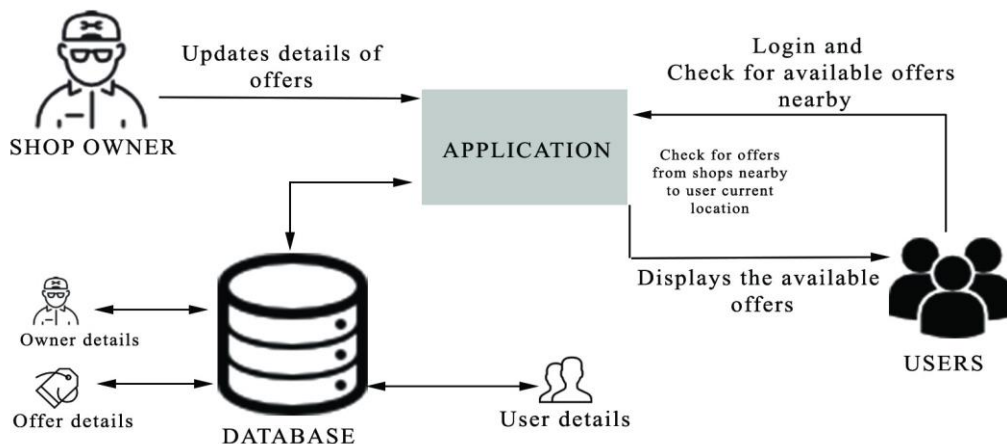
The general workflow for an admin is as follows:



IV. ARCHITECTURE

4.1 Diagram

ARCHITECTURE



4.2 Report Generation

Report generation is the most important aspect in this system where the reports can be generated based on location, mobile number and email id. The following information about the user is displayed in the report:

- username
- password
- mobile number
- email id
- location

V. Conclusion

In this application we have put forth the idea of a modern reminder application which makes it more useful to potential users. This android based application uses technologies such as GPS and internet connectivity to make reminders. The reminders about the lists of the shops which is surrounded within the range of 5km. The shops will display the offers provided on the items. The offer details will be updated by shop owners after the certain period of time.

VI. Acknowledgements

We have taken efforts in this application. However, it would not have been possible without the kind support and help of our institution which provided data for this project. We are highly indebted to Mrs. Roxanna Samuel for her guidance and constant supervision as well as for providing necessary information regarding the application and also her support in completing the project. The authors are thankful and gratefully acknowledge all reviewers for their valuable suggestions for enriching the quality of the paper.

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