Android Application for efficient communication between farmers and Wholesalers a.k.a "AGRIAPP"

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ABSTRACT

Advances in Information and Communication Technology (ICT) and the government initiatives in e-governance are only promoting e-agriculture in India. Focusing on Vidarbha region we are going create an android application which will be helpful for farmers. An android application which will connect farmers to Buyers/Retailer. Agriapp will connect farmers and buyers to perform trade efficiently. This project shows a simulation of live environment which takes different aspects into consideration like market-demand and-supply, production forecast, fertilizer preferences etc. The main awareness of this work is focused on Indian farmers as it addresses the key problems of getting the market updates of different products, weather updates and information about the rain and also provides multiple language support. This will effectively help farmers to sell their product in global market and earn remarkable profit.

Keyword *- Weather forecast, Wholesalers, e-Agriculture, e-Commerce.*

1. INTRODUCTION

Over modern times and advancement in technological world every sector is progressing quickly overcoming various drawbacks. Agriculture is one such area where technology is implemented on a large scale. We are making an android application for the efficient communication between farmers and wholesalers.
We call it the "AGRIAPP", this app enables farmers and wholesalers to contact each other in a unique way. It also features many relevant facilities for farmers.
This application will boost up the way of communication between farmers and wholesalers which in turn will speed up their respective business and earn remarkable profits.
This app is made with a view of enhancing the ability to survive and provide continuous service to farmers and wholesalers.

2. PROPOSED SYSTEM

The Proposed system and the basic idea is to create an android application in which separate logins for farmers, wholesalers and admin will be provided with other extra facilities.

- Admin Section: In this section, Admin of the Application will control the application and provide beta updates.

- Farmer Section: In this section, Farmer can post their products to sell with name, price/quantity, and also a picture of the product to be sold.
- Wholesaler Section: In this section, Wholesalers can post their requirements of various products.

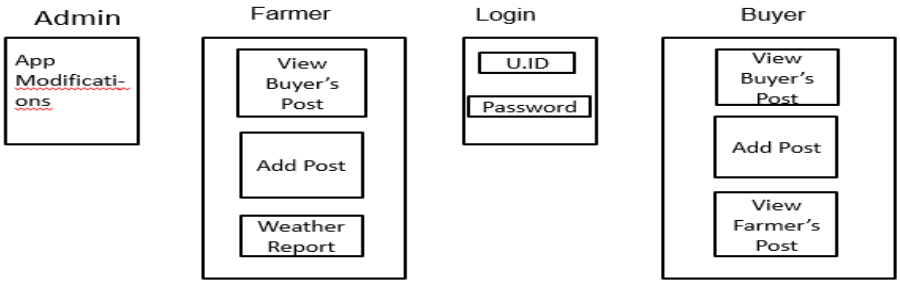


Fig 1: Proposed system of AgriApp

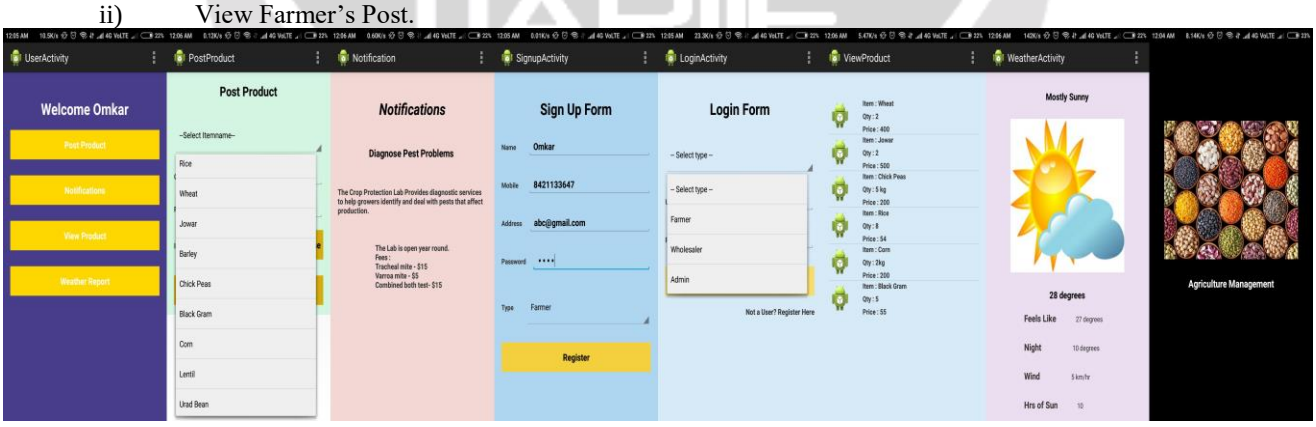
3. MODULES DESCRIPTION

There are three major modules in our application.

A. Farmer
   i) Post Product
   ii) Notifications
   iii) View Product
   iv) Weather Report

B. Admin
   i) Notifications

C. Wholesaler
   i) Post Requirements.
   ii) View Farmer's Post.



SCREENSHOTS OF AGRIAPP

4. CONCLUSIONS

Following Conclusions can be drawn from this project:

I. The main objective of this work is focused on efficient communication between farmers and wholesalers.

II. "Agriapp" thus delivered great results in every aspect providing various other features than buying and selling for farmers. This will effectively help farmers to sell their product in global market and earn remarkable profit.

5. REFERENCES

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