Farmer Stocks Trading System

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Abstract - *Agriculture is that the main occupation in India. Quite half the population of India is engaged in agriculture sector, majority of farmers in India square measure economically infirm. Indian Farmers square measure unaware of the new techniques and new arrivals within the agriculture sector and since of this they're unable to vie with farmers of developed countries in globalised market. Although the farmers push, they're cheated by agents in today's market. Farmer bargainer Application is associate degree mechanical man application developed for farmers/seller's and retailers. This application offers support to the village farmers UN agency wish to use this facility and UN agency wish to find out however it's potential and the way they will use e-farming to sell their product. During this paper we have a tendency to have an interest to introduce a replacement thought helpful for farmers UN agency square measure adopting latest technologies and square measure having basic data concerning technology. They will knowledge they will open this web site, register with it, and sell their product on-line etc. Farmer bargainer Application may be a project developed, which is able to facilitate farmers from to sell their product to completely different cities through on-line. Obtaining availed to the specified info associated with the markets and completely different product is created potential through the SMS facility provided by the system.*

***Key Words*: Trading System, Android, Farmer, Retailers, Farming Stocks.**

1. INTRODUCTION

Farmer monger Application is associate degree humanoid application developed for farmers/seller's and retailers. This application provides support to the village farmers UN agency need to use this facility and UN agency need to be told however it's potential and the way they'll use e-farming to sell their product.

If the farmers have information of laptop then they'll directly register within the application and sell their product otherwise, they {will|they'll} contact company's laptop skilled UN agency will schedule categories to show them basics of computers and net. They'll skills they'll open this web site, register with it, and sell their product on-line etc.

This application can act as distinctive and secure thanks to perform agro-marketing. The system permits farmers to sell their stock directly as a right away provider throughout the country with none middlemen so, farmer earns optimum rates for his stock and additionally the client gets it at lowered prices. This can additionally eliminate the food grains mafia that stores these product in own warehouses so as to extend demand and therefore rates of the product, so it

will later be sold-out at higher profits. The projected system could be an answer there to all.

1.1 Project Objective

The main goal of this project is to supply a bridge of communication between the farmers and customers across the country so they'll get along and do business that's helpful for each ends. primarily it'll be a challenge for many of the farmers since they lack the data regarding the new technology and trends of this quick developing world. The success of this project can give its fruitful advantages for each the client and therefore the farmers, providing data and covering completely different aspects of the resources that they're unaware of until date.

➢ The objectives of this project are:

- Connecting Farmer to the client via application.
- Chatting possibility for Farmer and client.
- Providing data to the farmers a way to sell their product on-line .
- GPS location keep into system info for location of the farmer.
- Multiple language possibility for easy understanding.
- Review and comment possibility.
- Notifications to the farmer and client from server facet.
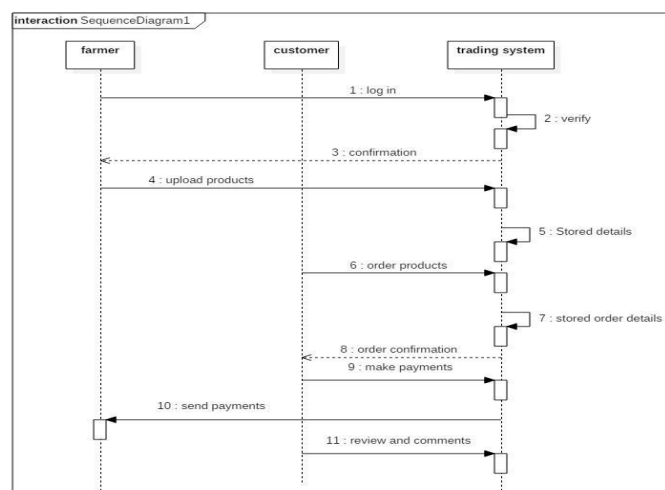- There could be a use of google fencing.

Fig -1: Sequence Diagram Working Flow

2. LITERATURE SURVEY

In Indian most of the population is dependent on the agriculture. However, there's additionally have to be compelled to review and revitalize the mechanism for change the technology. within the future years agriculture can see major changes. each developing economy has agriculture sector as irreplaceable pillar and thus will Bharat. The Brobdingnagian majority of Indian farmers, that includes little. scale producers, square measure usually unable to access the data and technological resources that may increase the yield and lead to higher costs for their crops and merchandise. The wide unfold network of mobile phones might be the sport changer during this drawback. it'll place agriculture field to its celestial point.

The main purpose for such project is to develop a movable based mostly resolution that farmers can sell merchandise on-line while not offline or about to the markets. This Application saves the time of farmer moreover as they got precise worth that his merchandise due while not giving commission to the agents. good farming ways increase the production in nearly each sector. There is no computerized system for the farmer to sell their product. Currently, the farmer goes to nearest market relinquishing his product to a specific agent, agent raise the farmer to go to the market once a selected time to gather the money earned out of the oversubscribed product. Agent sells the merchandise to a different agent or a dealer at the price of that market. An Agent tries to cuts his commission out of that. there's no means for farmer to grasp concerning the deal and therefore the precise quantity at that their product was oversubscribed. there's no transparency. No facility is gift for the farmers to grasp the merchandise rates at totally different markets wherever they'll sell their merchandise for achieving high profits.

Current system doesn't offer the means of e-learning for farmer that may offer the data of recent techniques in farming. thus he doesn't get the most profit through this system.

3. METHODOLOGY

The basic system architecture of the project includes the seller side that is Farmer and customer side which is other user's option available in the system, they contain all the features available in the system for both the end users.
In any online portal there is an admin to handle all the backend of the system for managing and proper response of the user's request. Similarly in this system we have the admin working on the back end and the seller's side and customer side on the front end.
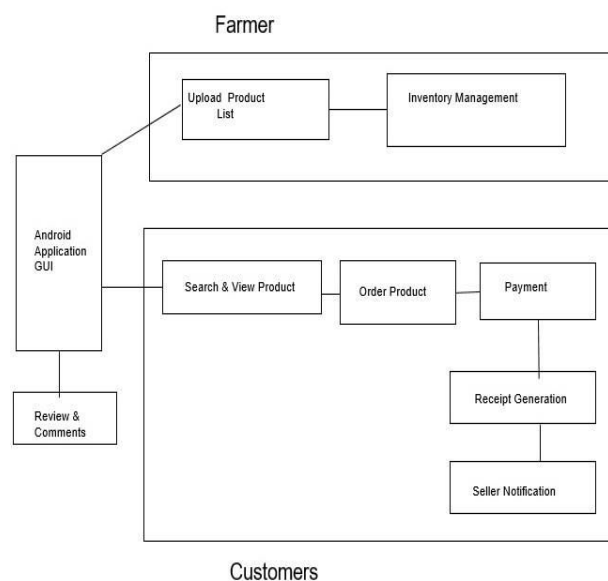

Fig -2: System Architecture

3.1 Farmer Registration Module

Registration kind can take info of farmer. The info includes like farmers name, Residential Address, City, State, Mobile variety, Email Address, valid agricultural certificate. the situation of farmer by postcode for providing daily update for purchasers & retailers. Mobile variety of farmer to offer the daily updates by text message. If the user 1st not register then he/she should would like to register 1st. Once the user registered the page then he/she will directly access the applying by login. Certificate for authority for farmer and this certificate should be real with governments permission.
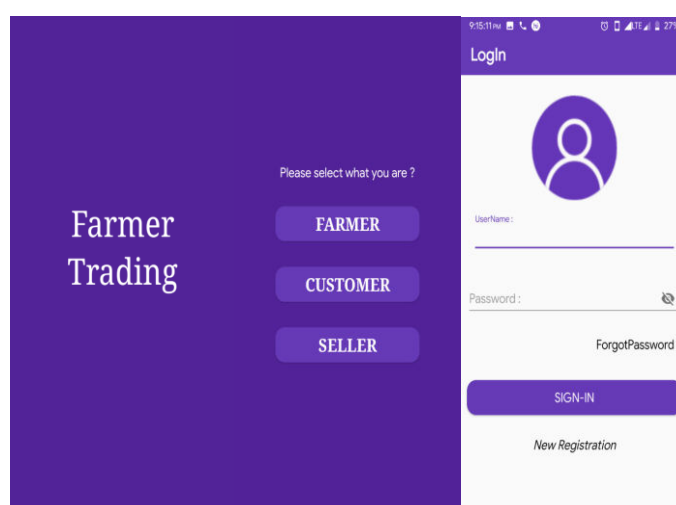

Fig -3: Farmer Registration Module
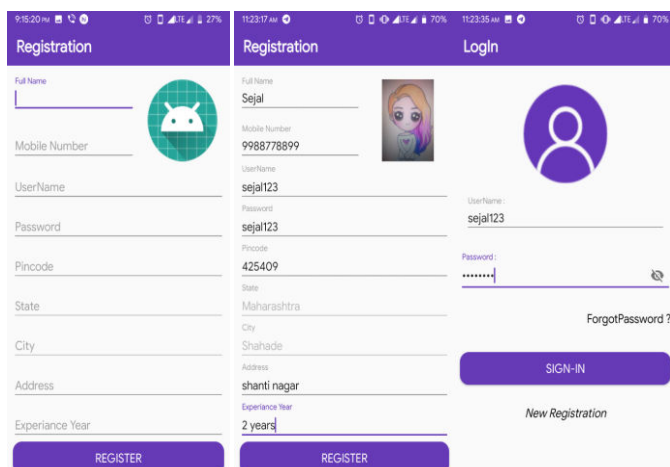
3.2 Menu and Registration Module
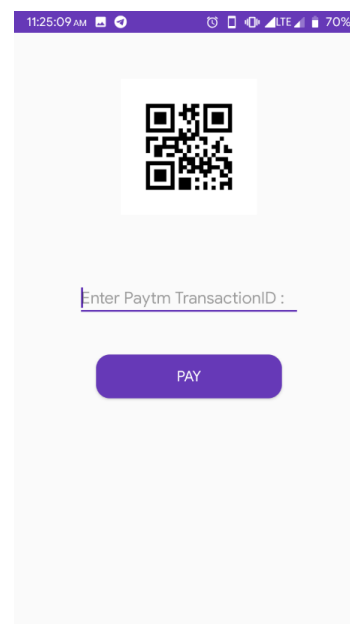

Fig -4: Registration Module

3.3 Main Page and View Product List Module

In this field farmer can get the data regarding completely different merchandise. that product ought to be uploaded. The product descriptions. and merchandise amount that is on the market up to five kilo. the worth ought to be enter of only one kilo. for fruits home reserve solely value of alternative merchandise and therefore the final value ought to be calculated mechanically.
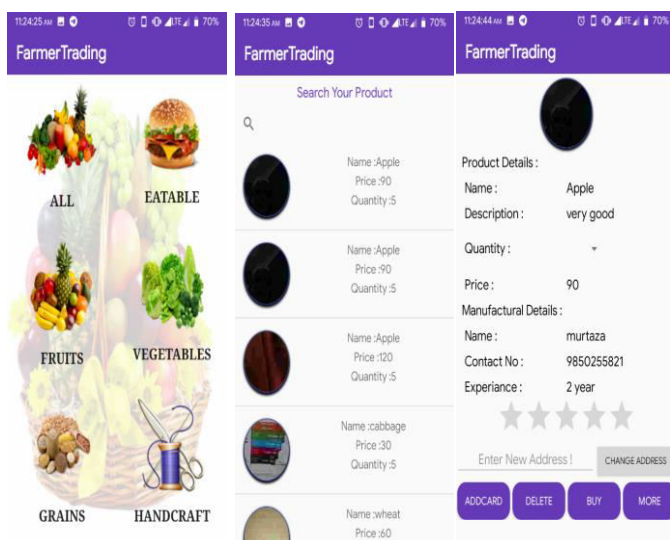

Fig -5: Main Activity and View Product List Module

3.4 View Product Payment Module

In this field, payment details of regarded products are given.

Fig -6: View QR for Payment Module

4. RESULTS

The system has been developed with abundant care and freed from errors and at a similar time it's economical and fewer time intense. The aim of this project was to develop AN automaton application for getting things from a farmer directly from retail merchant.

This project helped us in gaining valuable data and sensible data on many topics like coming up with layouts victimization xml & css, usage of responsive templates, coming up with of automaton applications, and management of info victimization mysql . The entire system is secured. Additionally the project helped us understanding concerning the event phases of a **project** and package development life cycle. We tend to learned however to check totally different options of a project.

There is a scope for more development in our project to a good extend. Variety of options are often intercalary to the current system in future like providing moderator a lot of management over product thus that every moderator will maintain their own product**.**

5. CONCLUSION

Finally, with the analysis of current farmers data regarding fashionable farming techniques and actual development of contemporary techniques this application can a lot of useful them to induce all reasonably info solely in one bit on anytime at anywhere. As this method a lot of useful to extend productivity of crops and indirectly to extend gross

domestic product of Asian nation cut back economic condition. As farmers adopt new techniques and variations in productivity arise, the lot of productive farmers take pleasure in a rise in their welfare. The analysis of current farmers data regarding fashionable farming techniques and actual development of contemporary techniques this application can a lot of useful them to induce all reasonably info solely in one bit on anytime at anywhere.

ACKNOWLEDGEMENT

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