International Journal of Research Publication and Reviews

Journal homepage: www.ijrpr.com ISSN 2582-7421

Farm Management System

*Irshad Shaikh, Vighnesh Narawade, Omkar Pokharkar**

Samarth polytechnic Pune, 412410, India

A B S T R A C T

Agriculture is the main occupation in India. However, the farmer is considered as a lower class, so the farmer is also very poor. Even though the country has advanced agricultural equipment due to the poverty of the farmer, he not use this equipment. The farmer himself buys the products and works hard, but he sells them with the help of agents, and those agents cheat the farmer, which leads to further poverty. The Farm management system will enable the customer or whole seller to access the information on agriculture products available through the short message. The system provides detailed information on farmers and customers.In this system we are going to use only organic farming. Low cost and high production and this product with less use of water will bring the income of non-chemical to the customer at the right price. So that the land and the health of the citizens of the country will be safe due to organic product. Whatever the customer needs Ayurvedic medicines, fruits, vegetables, pulses etc. Can be obtained by contacting Farmer. The model is used in the software development life cycle model to develop EAMS.

1.INTRODUCTION

An internet mission to assist farmers make certain more Profitability thru direct farmer to provider and Farmer to farmer communication. This provider boosts Enterprise verbal exchange and brings transparency in the device. Separate login areas with appropriated Capability for farmers, suppliers and authorities. A Separate web page where best farmers can put up Court cases and simplest assigned administrators can study and edit this page. This modern site permits for Accurate farmer, store and provider communique. It Allows farmers to login and speak to Respective sellers. Whilst sellers put up an Advertisement or offer, the respective farmers get Notified thru SMS message. A web task to help farmers make certain Greater profitability through direct farmer to provider and farmer to farmer verbal exchange. This service Boosts commercial enterprise communication and brings Transparency in the device. Separate login regions with Appropriated capability for farmers, suppliers and Authorities.Farm control machine is to assist farmers by way of supplying all styles of agriculture-related facts on the website. Farm management system is a farmer control internet site application that helps

farmers to present first-rate-practice farming methods. It facilitates farmers to improve their productivity and profitability. It enables farmers to promote their productions on line and farmers can buy tools and seeds without delay from the seller. Farmers can view laborers' profiles and they are able to hire laborers. This challenge indicates that Agricultural can promote merchandise on line. Farm management gadget is a version farmer control website utility. This challenge enables the farmers to promote their agricultural produce on-line and indicates nice-in-exercise farming techniques. So, by means of imparting a wider marketplace and supporting them no longer restriction themselves to the local market. This enables farmers and shops to expand their business.

1.1 PURPOSE

A farm management system means we provide information about the product. The farm management system helps the farmers online. It helps the farmers to increase their production and profit. Here the farmer can sell his product directly to the customer. This project tells the farmer to sell his product online. Due to this project, time, car fare and effort of the farmer will be saved and the footprint will be reduced.
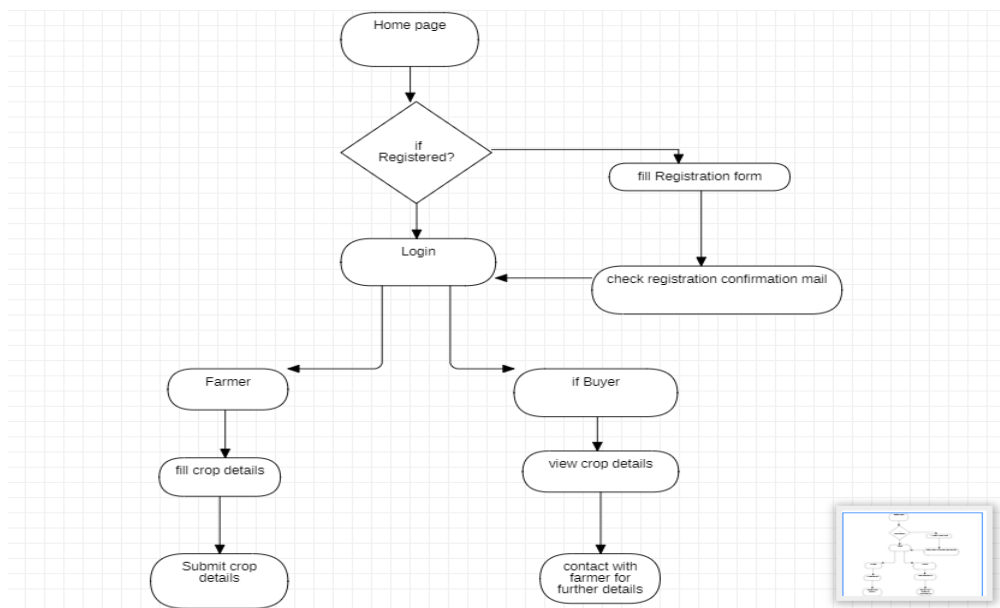
1.2SCOPE

It is focused on studying the existing system of agriculture in and to make sure that the peoples are getting quality fresh goods. This is also will produce Less effort and less labor intensive, as the primary cost and focus primary on creating, managing, and running a secure quality product supply. Increasing number of buyers as individuals will find it easier and more convenient to buy goods. Easy management. The future plan of this undertaking is to stepped forward design; Implementation and documentation in any such manner That anybody can use this project for better perform. We are able to broaden the website online extra dynamically. In destiny We are able to add few extra modules for better Development of the challenge including, real-time chat Bot choice for user and farmer, so that consumer can Immediately enquiry their hassle at any time thru the Chat bot. Video communication choice for provider and Farmer and admin and barcode generation for Club card and the use of online purchase and sell Product. On line account verification and notification For user, for particular task class they may be searching For jobs. In destiny we will additionally add cell model App of this website.

2.LITERATURE SURVEY

It opinions 3 most important studies regions. First off, it lines the rural issues, era adoption position And troubles thru extension services mainly in India and in the international in standard. Secondly, by finding the factors which are affecting the extension Services via proper use of ICTs or figuring out the elements of switch of technologies. Via doing so, This chapter enables build the fundamental standards of ICT and decision making at all tiers of agricultural Selection-making process. Lastly, it gives a Complete assessment of diverse fashions used by Previous researchers in facilitating the statistics Content material concerned with farmers in retrieving the Statistics needed in their decision-making system The study observed that e-farming is a brand new trend, as nearly true wide variety of respondents have been buying on-line shape for the Buy of forming merchandise appears to have dominated the online forming control machine. It became additionally determined that comfort and simplicity of use have been a few of the elements that stimulated respondents to buy e-farming. The study also found that e-farming purchasers are young, qualified and with a higher income bracket, Sawhney et al. found that the modus operandi of the agriculture management system needs particular attention to factors such as the functionality of online search information, website design, and the capacity of all time network availability for online booking.

.**Purpose System**

MODULES

Buyer: Buyer module contains:
- Buyer details
- Post Advertisements/complaints

Crop Received Farmer/supplier: Farmer module contains: Complaint Status
- Farming Tips
- Crop Advertisement Details
- Sell Crop
- Sell Crop Details
- Edit Farmer Details

Admin: Admin module contains:
- View Complaint
- Farming Tips

3. CONCLUSIONS

The "Farm management system" is successfully Designed and developed to satisfy the important Requirements, as recognized inside the necessities Analysis phase, such as the gadget may be very a great deal consumer Pleasant, shape level validation and field stage Validation are performing very good. The antique manual Gadget changed into laid low with a chain of drawbacks. The Gift project has been advanced to fulfill the indicated inside the present day age. Thru the Developed assignment, everyone can visualize the Effectiveness and efficiency within the real life. It's miles very Useful for computerization or doing automation of a Private facts control gadget. This Software helps reduce the guide method and pressure Which is finished by means of someone and this is time consuming And lengthy method. With this software consumer's information are stored very effectively in a secured Database. Fashion of statistics improvement inside the Generation has improved the excellent and services of Human operation simply as the case of this software For activity services has lessen the mobility fee of human And enhance their standard of database storage.

REFERENCES

1. https://ijirt.org/Article?manuscript=149794
2. http://ijariie.com/AdminUploadPdf/online_farm_management_system_ijariie13340.pdf
3. https://www.ijraset.com/research-paper/agribuzz-agriculture-management
4. http://ijcsit.com/docs/Volume%203/vol3issue5/ijcsit2012030530.pdf