



Digital Market For Farmer

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Abstract — This project gives common platform for the farmers and merchants on business level. This farmer and businessperson integration or fm integration can act as a intercessor between 2 parties i. e, Farmers and businessperson. Fm integration is being employed for hindrance of the many food products in economical and efficient manner. There's three most vital entities used, they are: Farmer businessperson Owner Fm integration have some rules that each parties ought to follow it. Fm integration can give list of businessperson to the farmers per their needs. Farmers can store product like potato, onions, tomato etc. Accounting method is employed consistently. Stocks of explicit farmers are maintained. Merchant's info will be maintained. Business person can borrow the product from fm integration. Quality products are equipped.

Keywords - GPS, nearest neighbor search

I. INTRODUCTION

This project offer common platform for the farmers and merchants on business level. This farmer and bourgeois integration or fm integration can act as a negotiator between 2 parties' i. e .Farmers and bourgeois. Fm integration is getting used for bar of the many food product in economical and efficient approach. There's three most vital entities used, they are: Farmer bourgeois Owner Fm integration have some rules that each parties need to follow it. Fm integration can offer list of bourgeois to the farmers in keeping with their needs. Farmers can store product like potato, onions, tomato etc. Accounting method is employed consistently. Stocks of explicit farmers are maintained. Merchants' data will be maintained. Bourgeois can borrow the product from fm integration. Quality products are equipped.

II. LITERATURE SURVEY

1. TITLE: Web Based Recommendation System for Farmers

Published by: Kiran Shinde, Jerrin Andrei, Amey Oke

This paper proposes, India being Associate in nursing agricultural country remains victimization ancient ways in which of recommendations for agriculture. Presently recommendations for farmers are supported mere one to 1 interaction between farmers and specialists and completely different specialists have different recommendations. Recommendation may be provided to farmers victimization past agricultural activities with facilitate of information mining ideas and the market trend may be united with it to supply optimized results from recommender. The paper proposes the utilization of information mining to supply recommendations to farmers for crops, crop rotation and identification of acceptable plant food. The System may be employed by farmers on internet also on golem primarily based mobile devices.

2. TITLE: KrishiMantra: Agricultural Recommendation System

Published by: Vikas Kumar, Vishal Dave, and Rahul Bhadauriya.

With the evolution of internet two.0, ICT has become the first would like of citizenry. There's a niche between the farmers and therefore the data of agricultural specialists. ICT will fill the gap between farmers and therefore the specialists. During this paper, we've got projected a linguistics internet based mostly design to get agricultural recommendations, mistreatment special knowledge and agricultural data bases. Our cognitive content acts as a site skilled and can send recommendations to the farmers supported climate conditions and geographic knowledge. We have shown experimental results as an area of implementation of our projected design. A farmer sends question to the query engine,

so as to induce info for a selected crop. Question could also be associated with GIS knowledge, crop cognitive content or each. The results of the question is displayed on a mobile device

3. TITLE: Crop Recommendation and Fertilizer Purchase System

Published by: Mansi Shinde, Kimaya Ekbote, Sonali Ghorpade, Sanket Pawar, and Shubhada Mone.

In this paper Author propose that India is thought as associate degree agricultural country, where the recommendations are given by ancient strategies. At gift, recommendations for farmers are supported communication between farmers and specialists and completely different specialists have style of recommendations. Recommendation will be provided to farmer's victimization past agricultural activities' knowledge. The applying provides recommendations to farmers for identification of acceptable plant food and crop. This system will be employed by farmers mechanical man based mostly mobile devices. The applying will be used for increasing the crop yield. Conjointly the suggested fertilizers will be purchased from the location. Suggestions concerning oft purchased fertilizers in combine are given to the user.

4. TITLE: Top 10 algorithms in data mining

Published by: Xindong Wu,Vipin Kumar,J. Ross Quinlan,Joydeep ,GhoshQiang Yang,Hiroshi Motod ,Geoffrey J. McLachlan, Angus Ng,Bing Liu,Philip S. Yu,Zhi-Hua Zhou,Michael Steinbach David J. Hand,Dan Steinberg

This paper presents the highest ten data processing algorithms known by the IEEE International Conference on data processing (ICDM) in Gregorian calendar month 2006: C4.5, k-Means, SVM, Apriori, EM, Page Rank, AdaBoost, KNN, Naive Thomas Bayes, and CART. These high ten algorithms are among the foremost potent data processing algorithms within the analyst is community. With every rule, we offer an outline of the rule; discuss the impact of the rule, and review current and more analysis on the rule. These ten algorithms cowl classification.

5. TITLE: Crop Cultivation Information System on Mobile Devices

Published by: Vikas Kumar, Vishal Dave, Rohan Nagrani, Sanjay Chaudhary, Minal Bhise

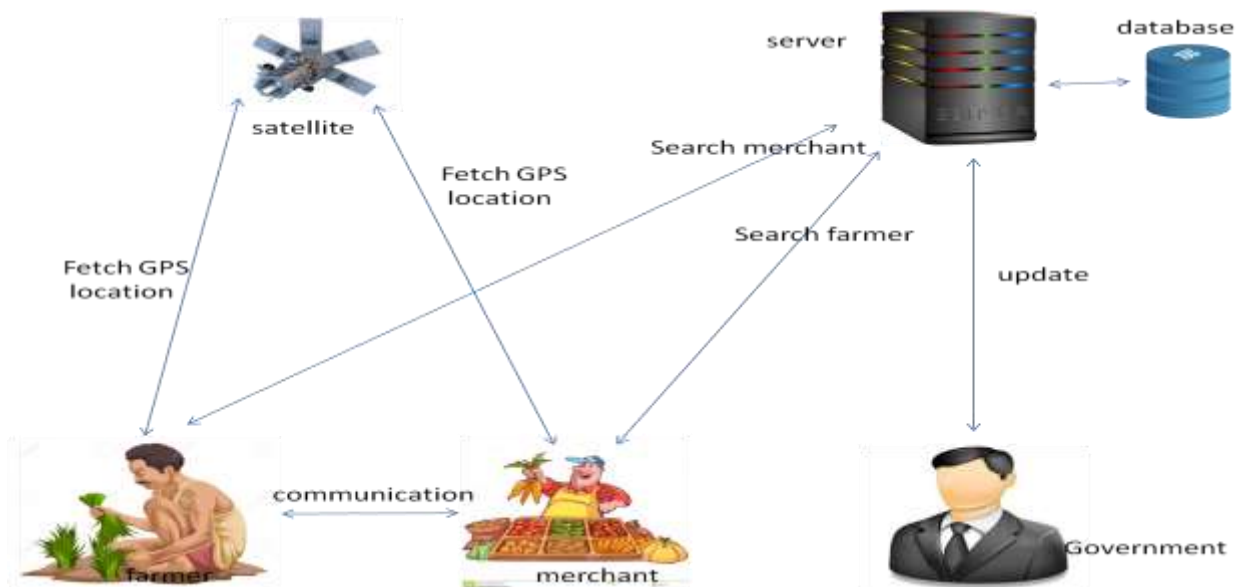
Mobile devices are used extensively by the individuals for communication, music, diversion, web and social networking. There's a scarcity of applications, which might be very helpful for the professionals to enhance their operating capabilities. Although mobile phones are utilized by individuals living in rural areas, however there are hardly any relevant applications for them to enhance their productivity. During this paper, we've planned and enforced a system for farmers which might be operated on their mobile phones. The system is developed victimization Service destined design (SOA) to method spatial knowledge and mental object. The mental object is maintained within the sort of on tologies. The system is a shot to fill the gap between farmers and agricultural consultants. A farmer will give inputs associated with crops being cultivated and site specific data to induce specific suggestions, alerts and proposals to enhance productivity. It'll be generated victimization the mental object. Whenever a farmer observes some abnormal behavior for crops or climate, the system is ready to get recommendations supported inputs provided. We've resolved a number of the queries as a neighborhood of on-going work and results are displayed on an golem primarily based mobile devices for demonstration of the system.

III .PROPOSED SYSTEM

This project provide common platform for the farmers and merchants on business level. This farmer and merchant integration or fm integration will act as a mediator between two parties' i.e. Farmers and merchant. Fm integration is being used for prevention of many food products in an effective and efficient way. There is 3 most important entities used, they are: Farmer Merchant Owner Fm integration have some rules which both parties have to follow it. Fm integration will provide list of merchant to the farmers according to their requirements. Farmers will store products like potato, onions, tomato etc. Accounting process is used systematically. Stocks of particular farmers will be maintained. Merchant's information will also be maintained. Merchant will borrow the products from fm integration. Quality products will be supplied.

IV.SYSTEM DESIGN

As we observe many farmers are getting good quality grains but this farmers cannot find a good price for the grains while selling into market. It is difficult for farmer to explore new market places. In some areas farmers are unaware of the price rates declare by the government for each grain this leads to a profitless deal with merchant



V ADVANTAGES

- Communication between farmer, merchant, and government
- Easily explore other market location, distributors and retailers
- Increase farmer awareness

VI CONCLUSION

As we are proposing farmer merchant system in which farmer upload its grain with picture and merchant as per their requirement find farmer. Government manages and tries to help farmer to get good deal and help merchant to get result as per the requirement

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