AGRICULTURAL UPDATES BY USING ANDROID APPLICATION

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Abstract

Agricultural updates is an android based application which provides information to farmers regarding different crops and farming practices and other agricultural products. It is dynamic and interactive to take the feedback and other inputs from the end users and can guide people regarding the different procedures that need to be adopted.
This project shows a simulation of live environment which takes different aspects into consideration like market-demand-supply, production forecast, fertilizer preferences etc.

1.INTRODUCTION

The agriculture is primary purpose of manufacturing of meals and uncooked material, which ultimately is purpose of survival of the population. In India most of the populace is structured on agriculture. However, there is additionally want to overview and revitalize the mechanism for updating the technology. In the upcoming years agriculture will see primary changes. Unlike the formerly 'green revolution' which had a basis of superior pesticides and fertilizers, now the agriculture will be revolutionized with the assist of technology. Every growing economic system has agriculture quarter as irreplaceable pillar and so does India. In India the agriculture zone contributes shut to 20% of GDP[1][4]. Either without delay or indirectly, 60% of whole populace of India relies upon on agriculture. The big majority of Indian farmers, which consists of small-scale producers, are regularly unable to get admission to the statistics and technological sources that ought to enlarge the yield and lead to higher expenses for their vegetation and products. The vast unfold community of cell telephones may want to be the recreation changer in this problem. It will put agriculture discipline to its zenith. The most important cause for such mission is to boost a cellular smartphone primarily based answer that helps in farm management, leads to agricultural yield enchancment and helps in care/maintenance of the farms

2.LITERATURE SURVEY

1.A Modern Farming Techniques using Android Application(International Journal of Innovative Research in Science, Engineering and Technology oct 2015) SantoshG.Karkhile, SudarshanG.Ghuge B.E. Information Technology, M.I.T. Academy of Engineering, Alandi, Maharashtra. 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. Annually, such loss exceeds 40% in total. So, the paper presented here suggest various ways in which a farmer can utilize mobile on their handsets using application to assist them for relatively better cultivation and merchandise.
2.Mahafarm (International Journal of Research in Advent Technology, E-ISSN: 2321-9637 april2014) AniketBhave, Rahul Joshi, Ryan Fernandes KJ Somaiya Institute of Engineering & Information Technology, Mumbai, India. Information and Communication Technology (ICT) in agriculture is an emerging field focusing on the enhancement of agricultural and rural development in India[5]. Using innovation is a key measure in the rural domain. The advancement of ICT can be utilized for providing accurate and timely relevant information and services to the farmers, thereby facilitating an environment

for remunerative agriculture. This paper describes a mobile based application for farmers which would exhaustively help them in their farming activities[6][7].

3.PROPOSED WORK

The proposed system will be dynamic, precise and provides complete information related to crop production, methods, technology, tools and crop protection for farmers. In addition to that any of the user can buy the fresh agricultural products from the farmers.

It also provides facility to watch & upload video and chat with agriculture expert. User and technical person need to be registered in order to access information provided by the admin.

Registration provides authentication to the user/technical person. Technical expert and user can have discussion , which helps the user to have even much more clarity about the things that they want.

The user can login to their respective profile with the help of username and password . If in case, admin feels that registered profile is not genuine, he can deactivate the profile at any time.

3.1 IMPLEMENTATION

Admin:

In this module admin can login user name and password after login admin can provider suggetions user to formers . they can take queries form former

User or former : In this module, there are n numbers of users are present. User should register before performing any operations. Once user registers, their details will be stored to the database. After registration successful, he has to login by using authorized user name and password. Once Login is successful user can perform some operations like profile view updated info about agriculture, view video and content from expert. Ask questions expert will provide solution

Update stock details:

In this module we will provide Providing price details and availability of stocks, need of various products to the customer.

4.RESULTS AND DISCUSSIONS

Fig 4.1 Admin Login Form

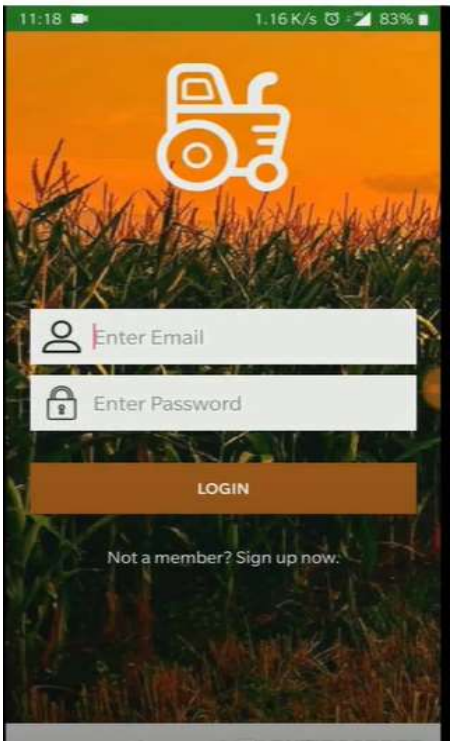

Fig 4.2 Crop duration

Fig 4.3 other activities

Fig 4.4 Available crops

5.CONCLUSION

Final we have concluded our project this app is very useful for the formers and other users who are doing agriculture activities. Agricultural updates is an android based application which provides information to farmers regarding different crops and farming practices and other agricultural products. It is dynamic and interactive to take the feedback and other inputs from the end users and can guide people regarding the different procedures that need to be adopted.

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3.A Study of Android Application Security: William Enck, Damien Octeau, Patrick McDaniel, and SwaratChaudhuri.
4.Survey Of Android Apps For Agriculture Sector : Heena Patel and Dr. Dharmendra Patel.
5.MahaFarm–An Android Based Solution for Remunerative Agriculture: AniketBhave, Rahul Joshi, Ryan Fernandes.
6 Mandava Geetha Bhargava, Modugula TS Srinivasa Reddy, Shaik Shahbaz, P Venkateswara Rao, V Sucharita Potential of big data analytics in bio-medical and health care arena: An exploratory study, Global Journal of Computer Science and Technology 2017/8/5
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