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KRUSHI INFORMER

Rutuja Shinde[1], Snehal Mhatre[2], Snehal Jagdale[3], Mrs.Suwarna Nikarde[4]

Student, Computer Technology, BVIT, Navi Mumbai, India[1-3]

Guide, Computer Technology, BVIT, Navi Mumbai, India[4]

Abstract: Telecommunication, especially mobile phones have the potential to provide solution to the existing information asymmetry in various lagging sectors like agriculture. India's agricultural sector suffers from low growth rates and low productivity. Issues in access to information are weak points at every stage of the agro-supply chain. For small farmer-based economy like India, access to information can possibly enable better incomes and productivity to the farmers. Information and Communication Technology (ICT) in agriculture is an emerging field focusing on the enhancement of agricultural and rural development in India. 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. We propose an android based mobile interface consisting several applications which include agro-based crop information, weather updates, government policies updates, etc.

In a country like India where rural base is wide, its relevance cannot be overlooked. In addition to facilitating farmers in improving the efficiency and productivity of agriculture and allied activities, the potential of IT lies in bringing about an overall qualitative improvement in life by providing timely and quality information inputs for decision making; IT can also be effectively used to strengthen the supply chain for agro-based companies for leading to better price realization by farmers.

Keywords: Agriculture , Market Rates , Farming .

I. INTRODUCTION

The availability and accessibility of information are the crucial points in taking the optimal decision at right time. Nowadays, advancement of ICT make possible to retrieve almost any information from the global repository so, they are unable to access required information on the Farming life cycle, seed selection, pesticides, etc. from the internet

We have also included a feature of weather forecasting which will help all the farmers to work according to weather prediction and get a fruitful results. With respect to this farmer got an amazing option of predicting the future lines of production based on previous data and history populated in the system. So system will gain knowledge about the process and ins outs once farmer feeds in their previous experience. Now a days our main source of health that we getting our farmer they are not getting information related to weather and government policies.

LITERATURE SURVEY

After the survey , we found many expert system which consist of information of a single crop or single crop disease . But this can be beneficial only on small scale or few farmers but if we will consider our country size this is insufficient and so we need multiple expert system .

Another problem regarding current agriculture systems are you have not cultivated the right crop for the correct soil and weather conditions . The farmer do not take the market demand and the storage facility .

Thus it is our interface which is used to design an agriculture expert system which will be in a simple format and give solving of any query to the farmer related with agriculture.

II. PROPOSED SYSTEM

We have created android application . We proposed mobile application mobile application for farmer where famer can check weather details , market rates and information related to fruits , vegetables , and crops . In this application farmers can also get updates of government policies related to bank and farmer loan can also be retrieved by this application .

III.KRUSHI-INFORMER IMPLEMENTATION

The methodology discussed above in system approach for website is implemented in XAMPP with php.

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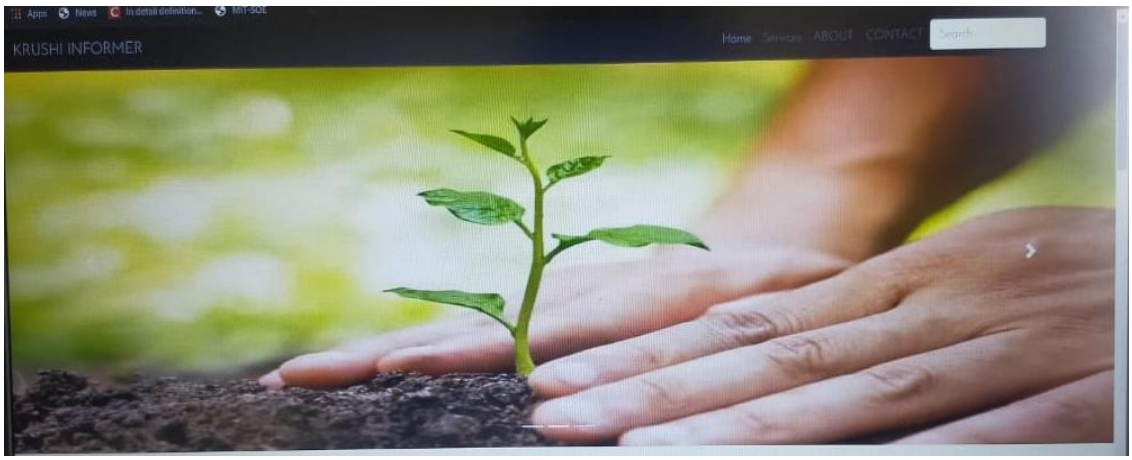

Fig 1 .Home page of Krushi Informer Website

IN Krushi-Informer website user search crops , related diseases and their prevention according to the region fig.2 show the region wise information of crops .

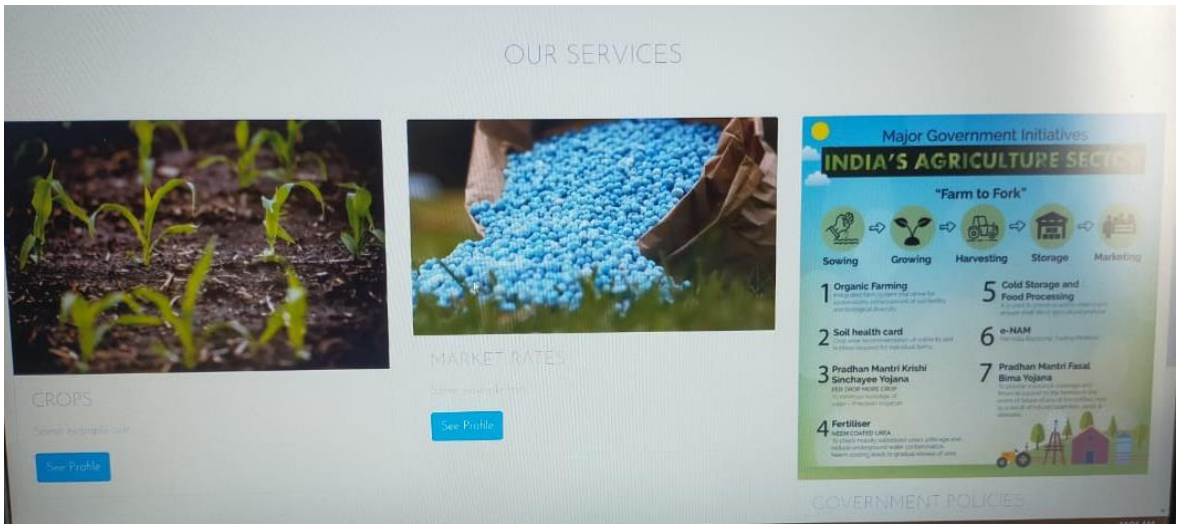

Fig 2 . Selection Of Region

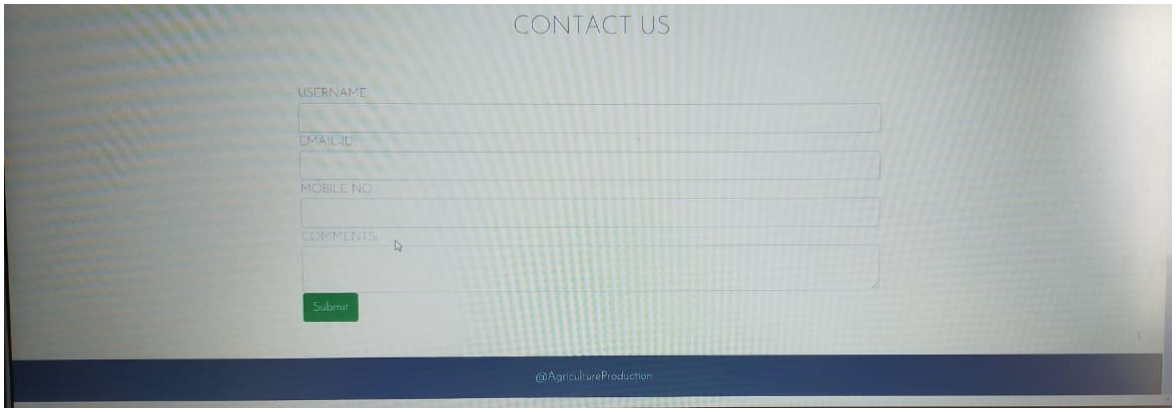

Fig 3 .Contact To Us

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CONCLUSION

At the current stage the Krishi-informer interface is limited to access the agricultural information. This system is for Farmers who can easily access the government policies and also they can gane more information about crops. And also it would be easier for them to decide which crop to be grown in order to get productive results with the help of weather prediction as well as production prediction.

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BIOGRAPHY

First Author:- Rutuja Shinde , *Student*, Computer Technology, BVIT, Navi Mumbai, Department Of Computer Technology , rutujas1301@gmail.com

Second Author:-Snehal Mhatre , *Student*, Computer Technology, BVIT, Navi Mumbai, Department Of Computer Technology , snehalsm2610@gmail.com

Third Author:-Snehal Jagdale , *Student*, Computer Technology, BVIT, Navi Mumbai, Department Of Computer Technology , snehaljagadale2002@gmail.com

Fourth Author:- Mrs. Suwarna Nimkarde , *Professor*, Computer Technology, BVIT, Navi Mumbai, Department Of Computer Technology