

KISAN

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ABSTRACT

Agriculture is one of the important sources makes the country to raise the financial status. Nowadays, agricultural field and crops are lead to problem. Even farmers suffer lot to gain profit. Day by day the variety of diseases go on increasing , destroys the crops and yields. It is essential to support the farmers in case of identifying the disease and supports to provide the correct pesticides or insecticides . In our work, we are developing an Androis

We planned to develop an Android Application for the usage of farmers. Though our application we want to solve the farmers problems like identifying the major pests and diseases on different crops. From the past the farmers are suffering with these problems, of course we got solution but these are unable to reach farmers at immediate cause. So that many farmer's got loss in their crop.Now a days we can able to see some organizations are providing the solutions but still now they can't get immediate result. To overcome these problems we are building this application. In our application we have three major modules. They are: 1. Login/Register 2.Queries and Grievances 3.Status.

I.INTRODUCTION

A farmer is a person who engaged in raising living organisms like plants and extends it to crops for the food production, working day and nights to serve food for the nation. Our economy is mainly based on agriculture.

India is basically agricultural country where majority of 1/3rd of economy depends on agriculture. Producing food from crops are made a lot difficult now-a-days due to pollution and sudden climate changes. Crops are destroyed by pests and lack of fertilizers.

Many of crops are destroyed mainly due to not noticing the pests on the crops. At the time of harvesting the majority of crops area destroyed. This is due to not understanding the proper fertilizers or not noticing. Many of farmers are talking loans and other types of income for preparing food where they are in idea if the crops are harvested they can clear their debts. But at the end the majority of the crops are lost.

The Government of India has taken several steps, but it is not reaching all the farmer. Major of the crops are destroyed at the time of harvesting.

By implementing the smart procedure that every farmer should get assistance from the experts and pests to be identified at the early stages, it may become a lot easier for controlling the major damage.

A person working hard for the population for not striving of hunger, they should get help from not only from the officials but also from external factors that can eradicate these problems. It is not so easy for maintaining a crop and producing the food, so it would like to help them in smart way with my project KISAN app.

KISAN(the curse healing) the organizations and other foundations who wants to help the needy and provide the best expert assistance, are directly approachable to the person, where he need just to register and post the status and problem of the crop he is suffering.

II.EXISTING SYSTEM

In present society we are seeing so many websites that are serving people in many ways. But there is no interaction between farmer's and experts. We can see some of the sites; they are like Planted, Business Queensland etc. They will serve the people with only information about pests and other diseases. It means that two among hundred persons are known about these things.

III.PROPOSED SYSTEM

Its purpose is to give profits to farmers. The basic idea of this Android Application is to recover the farmer's problems regarding plant disease i.e., they have to upload the effected plant pic regarding their details like type of soil, location. Experts will receive the farmer's queries in Status Module. After checking their status they will verify the plant disease based on soil and they will suggest the proper pesticides/insecticides to recover the plant disease and also they will help to the farmers where it is available near to their location with cost. These processes will be done within three hours.

IV.BLOCK DIAGRAM DESCRIPTION

A.LOGIN/REGISTER:

In the First module we provide the farmers and experts to register in our Database. If already have account they can login using their id, password.

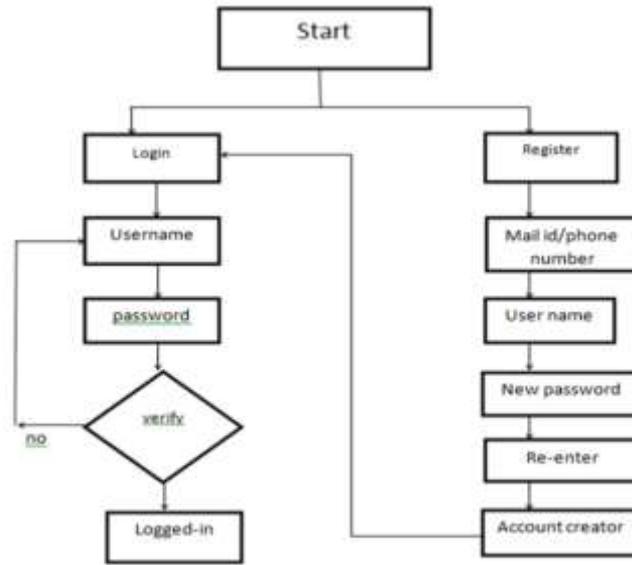


Fig1:login/register

B.QUERIES AND GRIEVANCES:

In the Second module the farmers can post their queries and they also can upload the photo of the plant for more clarity in their query.

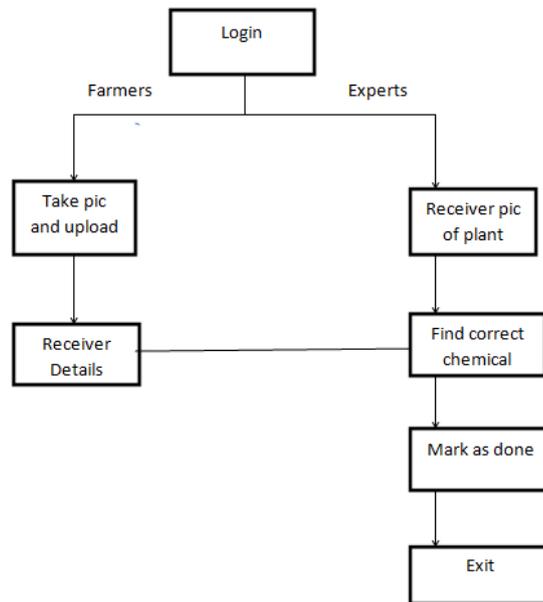


Fig2:queries and grievances

C.STATUS:

In the Third module they can check their query status. Here, in this module they can get answers from experts within 3 hours, and they also will get the list of all the shops in which they can get suitable pesticide/insecticide.

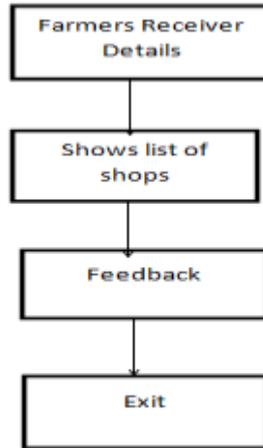


Fig3:Status

METHODOLOGY USED

- ✓ First on visit to our application you can encounter a UI page which consists of Login, Home.
- ✓ For any work to done on our app the person's should possess an account in our Database.
- ✓ The Persons are majority classified as
 - (i) Farmer's Account
 - (ii)Expert's Account
- ✓ Each of them should provide their details like name,and protect their account with their password.

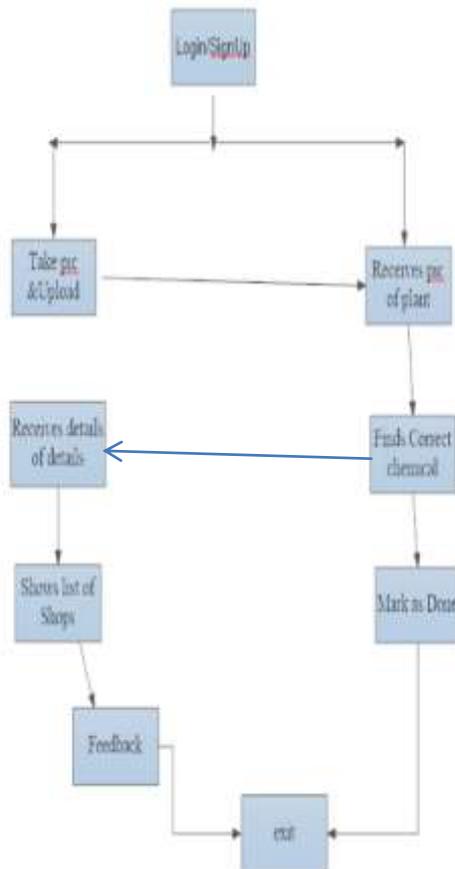


Fig 4:Flow chart

V.CONCLUSION

With the help of my app, farmer can get further assistance from the experts and can easily produce and maintain the crop. We can eradicate the attack of pests on crops at earlier stages and produce the healthy food, so that no one can get loss and makes healthy food production.

A healthy food makes an healthy body, a healthy body makes a healthy family, a healthy family makes a healthy economy, a healthy economy makes a healthy country.

Every living organism can't live without energy which is produced from food and farmers are the only person who are striving and working hard for serving food to population. In our country, farmers have important role and i would like to help them with my project

At the end I would like to say Jai Jawan, Jai kisan.

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