

WebFarm

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Abstract: *The purpose of WebFarm system is to provide the correct and required information of the crops, vegetables, fruits and their fertilizers as per the requirement of farmers/customers. Also farmers can get requirement information in their native languages and they can check the weather (temperature) as per their region/location.*

Keywords: Farmers, crops, weather, buying products, native languages

I. INTRODUCTION

Through this website farmers can get required information. As this website is different from other websites, because we have added repeated products which Indian farmers taking again and again. This is very beneficial project, so that people from any region can access the lots of information as per their requirements. If any farmer want to add new products in our project, so they can reach to us via our provided contact details.

II. OBJECTIVE

We have made this website available to farmers, where they can see what it is yield is given fertilizer. And when the need for water and chemicals to vegetables and fruits. Farmers can also monitor the climate of each region. If they have them question or complaint, they can include it in the discussion section. On this website, there is a weather forecast option climate, so farmers can plant maize, Jowar, Toor others cultivate. And they can grow fruits and vegetables in the weather, it will be indicate the state of the clouds i.e. the humidity in the air whether or not it will rain. cloudy / rainy) There is a volume and amount of water and fertilizer should be used.

The new website will be easier to use compared to another programs. To make it easier to use a web-based interface where the user can search for products, see the full product information and can order products. User can view full details-product design with various images and look again customer product reviews. They can even write their own comment on the product in our contact details.

III. LITERATURE REVIEW

We have done a lot of research and made one list of products that Indian farmers often take from our country. We talked to our parents first because all our partners are from farming and then we all saw why we should not make such an application or the website of our Indian farmers because Indian farmers are the backbone of our country. In this way the idea comes to our mind.

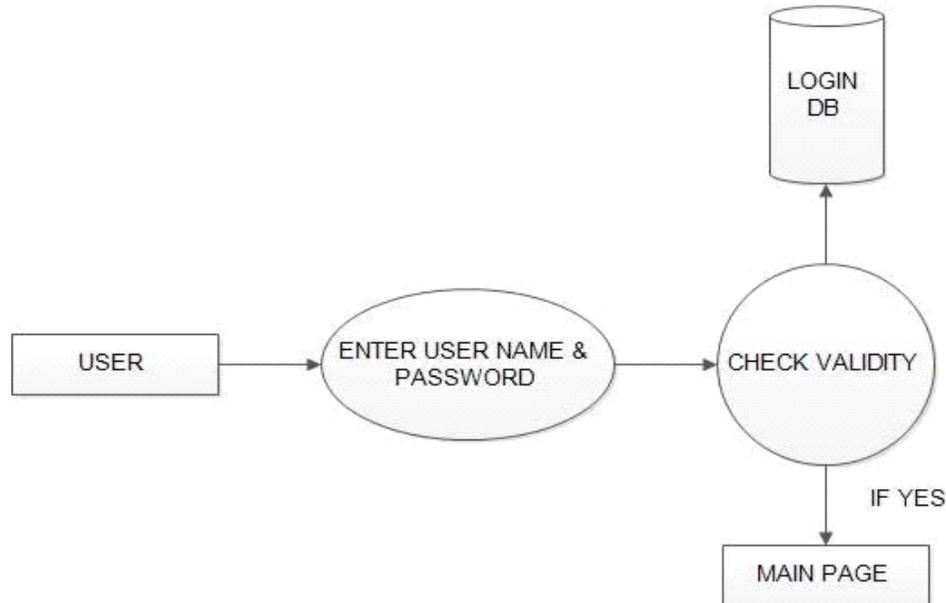
There are many such applications available in India but not as widely used as our application. In our project farmers may need to be molde in their native language so it is very helpful for those with language problems.

In our project we have added many advanced functions that are not in the current vailabel app. Farmers can buy items if they want any items they can add the amount needed for our team to reach them. If anyone who wants any information is not in our project can contact us directly with the contact details provided, then our team will add this information to our project.

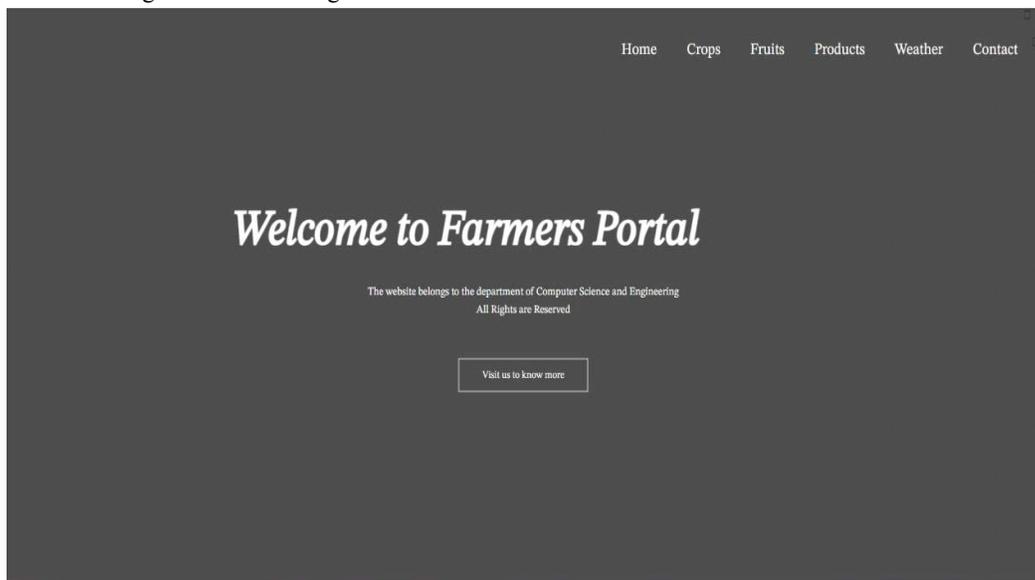
IV. MAIN FUNCTION

4.1 Data Flow Diagram

A. User Login



Data Flow Diagram (DFD) is a systematic analysis and design tool that can be used for flow flow. DFD is a network that describes data flow and processes that change or alter data across the system. This network is built using a set of symbols that do not mean any visual implementation. It aims to clarify system requirements and identify major changes. Thus the first area of design dealing with decay of specified requirements has descended to a very low level of detail. DFD can be thought of as a summary of the concept of a data-oriented chart or process-focused system. For these reasons DFDs are often referred to as logical data flow diagrams.



This is the user interface for our website. Here all the required categories are available as login, products, weather, fruit, contact us page. Therefore, when any farmer visits a website he can see this idea. In the backend there are many more details, we have to click only on the required section, it will find directly in the required region.

1. **Home:** In this page we can see all the components of the projects i.e. crops, fruits, weather.
2. **Crops:** In this page you will see the number of crops like jawar, maize, wheat, sugarcane etc and their details information.
3. **Fruits:** In this page we will see the detail information about fruits like apples, pomegranates, mango, orange, lemon etc.
4. **Products:** In this page we have added some products for the buying by paying online amount.
5. **Weather:** Farmers can check temperature of their respective regions, so they can get idea of the current atmosphere so they can act accordingly.

V. CONCLUSION

Web Farm is web application. In this project farmers get their respective information directly instead of unnecessary information. The Important point is that all information available in all native language.

VI. ACKNOWLEDGMENT

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