

Project Name: Modern Agriculture Management System

Description:

The farmer is the backbone of the country. Farming is very important for society. In recent years technology has increased and the farming techniques have improved a lot. The machinery is making farming easy. Every farmer can't afford machinery. When the crop farming is seasonal, farmers don't require a machine throughout the year. So instead of buying machinery, borrowing for rent is preferable. Sometimes the farmer needs the labour for farming. In that case calling the labour when the farmer needed is preferable. To make machinery and labour available for farmers as per farmer requestmen, We are building the website with four modules named as administrator, machinery provider, labour provider and farmer.

The machinery providers and labour providers will register into the website, after registration the providers will be verified by the administrator. After the administrator verification, the machinery providers and labour providers can login into the website. The machinery provider can add the machinery that they have, the farmer can register and login into the website with their details. The farmer can search for the machinery that they want, the farmer can get multiple search results. The farmer can put requests to the machinery provider for machinery booking. If the machinery provider accepts the request, the farmer is going to get confirmation and the farmer can view the machinery provider contact details and machinery provider can view farmer contact details. When the farm work is completed by the machinery the farmer will make the status as work done. The machinery provider will make status as work done. The farmer can provide review and rating for the machinery providers based on their service quality.

When the farmer needs the labour, the farmer can view labour providers with available numbers of labours with their capabilities. The farmer can send labour requests to the labour provider. Labour providers can view the farmer requests from their accounts. If labour providers are capable of providing manpower to the farmer, they will accept the request. After accepting the request the farmer can view labour provider contact details and labours provider can view farmer contact details. After the completion of work the farmer will make status as work done and the farmer can provide review and rating for the labour provider. These reviews and ratings will help the other farmers in future bookings.