

Agro - Smart Farming for All | Digital Agriculture

In farmers point of view, despite learning new technologies, a mobile application that helps farmers grow their crop productivity.

Here comes Agro - have a hand in agriculture field through an app.

Agriculture in India is growing with introduction of Green Revolution. This project brought smart farming technology that enables farmers to maximise yields, reduce loss and increase profits. There is perhaps no better example of smart farming than with an 'App'.

Agro is an iOS mobile application with an easy-to-use user interface. The app identifies which crop suits the best for a farmer of a particular locality/ city, as per the soil type, weather conditions, crop prices, demand and supply parameters, which is done by using APIs.

This app mainly focuses on: 1. Grow crops as per soil type and climate condition. 2. Buy and Sell crops through demand and supply forecast.

To implement this, an easy-to-use UI has been developed.

For iOS App:

Tools used - Xcode. Frontend - Swift. Backend - Firebase.

For Website:

Frontend - Html, CSS, Bootstrap, Javascript.

APIs.