

Project Proposal

Project Title: Farmers Ville

Group number: 11

Group Members:

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Project Goal: To develop an app which helps farmer in the entire cycle of cultivation and marketing the crop.

Significance: This project would be helpful to Farmer in cultivating a crop in most effective way. It helps the farmer in assessment of suitable conditions for harvesting a crop based on the weather forecast. It's a complaisant for the farmer to know the current prices of crops and trending technologies in the field of cultivation.

Objectives:

- To aid the farmers in improving the cultivation of crops by suggesting weather conditions, fertilizers and agriculture related articles.
- Create a unique platform where the farmer can market his crop without any mediator.
- Notifying the farmer about the current market prices and trends.

System Features:

- **Marketing:** This app helps the farmers to sell his crop directly to the consumer.
- **Market Locations:** This app will provide nearest market locations where farmer can sell his products.
- **Market prices:** This app provides market prices of all agricultural products.
- **News:** This app provides current agricultural news.
- **Latest Trends and Technologies:** This app have the access to USDAs latest journals on Agriculture which have latest cultivation methods being used around the world.
- **Suggestions:** This app guides farmers in selecting the Fertilizers and pesticides for particular crop.
- **Weather Reports:** This app provides latest weather forecast updates to farmer based on his location, which helps the farmer in planning harvesting.

Related Apps:

- "Agri App" <https://play.google.com/store/apps/details?id=com.criyagen&hl=en>
- "IFFCO Kisan- Agriculture App" - <https://play.google.com/store/apps/details?id=com.IFFCOKisan>

Bibliography:

- Farming Assistant Web Service - <http://nevonprojects.com/farming-assistant-web-service/>
- “Market Locations” by Foursquare API
- “Market Prices” by Agricharts API
- “Weather” by Accuweather API
- “News” by Agricharts API
- “Latest Journals” by USDA PubAg API

Backup Project:

An Application which helps to meet with friends on the go. Based on the location of the friends, advises to meet at a place which is mean from both the locations. It provides places for Dining, shopping etc., based on location with check in and check out features. Integrating with social media like Facebook, Twitter and Google +. This provides a unique way in suggesting meet up with friends while travelling.