

RAITA MITRA

A HandBook for Agriculture

SYNOPSIS

1.Introduction

Agriculture is the cultivation of land and breeding of animals and plants to provide food, fibre, medicinal plants and other products to sustain and enhance life.

India is mainly an agricultural country. Agriculture is the most important occupation for most of the Indian families. Agriculture included farm related activities for growing crops and includes the rearing of animals for agriculture purposes. In India, agricultural produce contributes about sixteen percent (16%) of total GDP and ten percent (10%) of total exports.

Over 60 % of India's land area is arable making it the second largest country in terms of total arable land. Agricultural products of significant economic value includes rice, wheat, potato, tomato, onion, mangoes, sugar-cane, beans, cotton, etc.

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We are come up with an android app "RAITA MITRA" to help the farmers regarding the crop details, marketing information, government facilities for the agricultural field, weather information to the farmers through our android app.

2.Motivation

Agriculture and farmers are the backbone of Indian Economy, but they are facing a lot of problems.

Though we are also from agricultural background family, we know the problems faced by farmers regarding the pure knowledge of their crops which they have grown, regarding the better knowledge market for their products ,some farmers are cheated by mediators .They don't even know the modern techniques which are used for better productivity and the Government facility for the farmers. Through our android app we will provide the all information regarding these areas and help them to lead a good and happy life.

3. Tools and Technology

- Android Studio
- Fire Base
- Advanced Java
- Card View
- Recycler View
- Navigation Drawer
- Real time weather information

4.Expected Outcomes

Through our app “RAITA MITRA” farmers get a lot of information regarding the crop details, weather forecasting, government facility and the use of modern equipment in agriculture by this they developed the agricultural practice and conditions of their life.

Mini Projects Associates:

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