

## SmartFarmer - IoT Enabled Smart Farming Application

### OBJECTIVE OF THE PROJECT:

In order to make ease of the work of the farmers in some areas like watering the field through mobile application, this project is going to be developed.

### NEED FOR THE DEVELOPMENT:

In practical the farmers have many works to do simultaneously.

Consider a use case, the well along with motor is placed somewhere whereas the field to be watered may be somewhere else. And also the farmer has to monitor the field as when to be watered, continuously.

To overcome this this project helps the farmer by getting inform about the moistures of the field and watering the field by a single click using mobile application.

### DIFFICULTIES IN DEVELOPMENT:

There may be a chance that the sensor in the field could be damaged by animals or birds.

If there is a little confusion in the code, the entire crops in the fields get damaged.

### EXPECTED RESULT:

The Expected result of this project is to develop an UI with easier access for even uneducated people to use it.