Define

CS,

fit into

CC

## 1. CUSTOMER SEGMENT(S)



The customers of this product are the farmers who cultivate crops. Our aim is to assist, aid and help them to monitor the field parameters remotely and to keep track of the parameters. This product saves the agriculture from extinction.

## 6. CUSTOMER CONSTRAINTS



Deployment of huge number of sensors is difficult. It requires an unlimited or continuous internet connection to be successful.

### 5. AVAILABLE SOLUTIONS



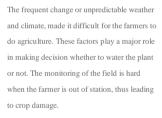
The irrigation process is automated using IoT, weather data and field parameters were obtained and processed to automate the process of irrigation. The drawbacks are high cost of installation, efficient only for short distance, difficulty in storing the data.

#### 2. JOBS-TO-BE-DONE / PROBLEMS



The objective of this product is to obtain the different field parameters using sensor and process it using a central processing system. Cloud is used to store and transmit the data by using IoT. Weather APIs are employed to assist the farmer in making decision. The farmer could take decision through a mobile application

#### 9. PROBLEM ROOT CAUSE



# RC

#### 7. BEHAVIOUR



Using proper drain system to overcome the effects of excess water due to heavy rain. Using hybrid varieties of crop that are resistant to pests.