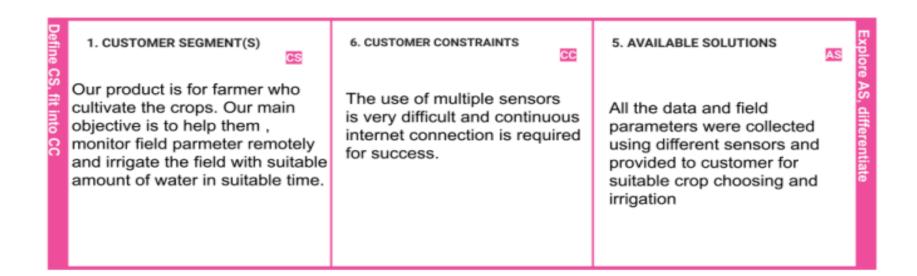
Project Design Phase-I

Solution Fit Template

Team ID: PNT2022TMID13187

Project Title: SmartFarmer - IoT Enabled Smart Farming Application



3. TRIGGERS



10. YOUR SOLUTION

CH

Farmers struggle to provide adequate irrigation .Inadequate water supply reduces yields and affect Farmers profit level. Farmer have a hard time predicting the weather

Our product collects all the data from various types of sensors andd send the value to our main server. It also collect weather data from the weather API. The final decision to irrigate the crop is

8. CHANNELS of BEHAVIOUR 8.1 ONLINE

Providing knowledge regarding the pH and moisture level of the soil and providing online assistance to the farmer. Online assistance to be provided to user in using products

4. EMOTIONS: BEFORE / AFTER

EM

BEFORE:- Lack of Knowledge in weather first forecasting, then random decision, finally result will be low field

AFTER :- Data from reliable source, then correct decision will be taken, finally result will high yield

made by the farmer using a mobile application

8.2OFFLINE

Awareness camp to be conducted to teach the importance and advantage of automation and Iot in the field of agriculture