PROJECT DESIGN PHASE-1- SOLUTION FIT

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Project Title : Smart Farmer - IoT Enabled Smart Farming Application

Define CS, fit into CC

1. CUSTOMER SEGMENT(S) CS

- For agriculturist
- For farming in hectors

6. CUSTOMER CONSTRAINTS CC

- Network connection
- Available device

5. AVAILABLE SOLUTIONS AS

- Web applications
- Sensors

Explore AS, differentiate

Focus on J&P, tap into BE, understand

2. JOBS-TO-BE-DONE / PROBLEMS J&P

- Crop requirements detect (like, moisture, Temperature, pesticide) & Monitoring.
- The measures can be view through web application.

9. PROBLEM ROOT CAUSE RC

- Monitor the crop in huge hector.
- To avoid the crop unsuitable for crop

7. BEHAVIOUR BE

- Monitoring whether the sensor detected messages are received or not.
- Monitoring different level of requirements for crops

Focus on J&P, tap into BE, understand

Identify strong TR & EM

3. TRIGGERS TR

- Efficient solution.
- Easy farming.

4. EMOTIONS: BEFORE / AFTER EM

- **BEFORE**
  Maybe yield decreases due to lack of monitor.
- **AFTER**
  Can yield more by proper monitoring.

10. YOUR SOLUTION SL

- Monitor the crop requirements.
- Location of the crop detect through GPS.

8. CHANNELS of BEHAVIOUR CH

- Measured information can send to web application through online
- Offline location doesn't send