# Problem-Solution Fit canvas

Project Design Phase - I  Solution Fit Template  Team ID : PNT2022TMID39877

Define CS, fit into CL

### 1. CUSTOMER SEGMENT(S) — CS

Famers Work on Large Scale Were They Can Control From Different Parts And Monitor It.

### 6. CUSTOMER LIMITATIONS EG. BUDGET, DEVICES — CL

Need To Advertise This Product To The Customer And Create an Awareness On How Easy And Smart Farmers Can Utilize And Gain

### 5. AVAILABLE SOLUTIONS PLUSES & MINUSES — AS

Automation Of Irrigation Using IOT. Metrological Data And Field Parameters Were Collected And Processed Automatic Irrigation.

Explore AS, differentiate

Focus on PR, tap into BE, understand RC

### 2. PROBLEMS / PAINS + ITS FREQUENCY — PR

The Major Problem Signified Using This Is That It Needs To sense the Values Properly from The Sensors And Deliver It To the User.

### 9. PROBLEM ROOT / CAUSE — RC

Weather Is Not Predictable And This Plays an Important Role In Farming and It Might Cause A Major Part In Damage.

### 7. BEHAVIOR + ITS INTENSITY — BE

Water Wastage Is Avoided And Drainage Is Improved , We Can also Plant Hybrid Plants And Provide Resistance From Pesticides.

Focus on PR, tap into BE, understand RC

Identify strong TR & EM

### 3. TRIGGERS TO ACT — TR

Requirement Of Water To The Plant Is Being Noted Based on Sensor's And Weather Is Un Predictable.

### 4. EMOTIONS BEFORE / AFTER — EM

BEFORE : No Idea On IOT – Forecasting – Low Crops Yield.

AFTER : Correct Prediction – High Yield.

### 10. YOUR SOLUTION — SL

This Product Predicts Data's From All The Sensors And Sends To the Main Server. (Weather API) is Used To Collect Weather Data. Watering The Plants Whenever Required Using Mobile API.

### 8. CHANNELS of BEHAVIOR — CH

ONLINE

Providing Online Free Training Session On How This Product Is Use Full And Provide Virtual Usage Of The Product.

OFFLINE

Creating An Camp To Teach How Smart Farming Is Better Than Tradition Farming And Explain The Features Of IOT And There Platform.

Extract online & offline CH of BE