Project Title: **Project Design Phase-I - Solution Fit Template** **Team ID:** PNT2022TMIDxxxxxx

Define CS, fit into CC

1. CUSTOMER SEGMENT(S) CS

FARMERS AND SMALL INDUSTRIAL WORKERS

6. CUSTOMER CONSTRAINTS

This system enables careful management of the demand forecast and delivery of goods to market just in time to reduce waste.

5. AVAILABLE SOLUTIONS AS

Increasing control over production leads to better cost management and waste reduction. The ability to trace anomalies in crop growth or livestock health, for instance, helps eliminate the risk of losing yields.

Explore AS, differentiate

Focus on J&P, tap into BE, understand RC

2. JOBS-TO-BE-DONE / PROBLEMS

Climate change

9. PROBLEM ROOT CAUSE RC

Forest get cut so the land can be used for agriculture. the lack of natural cooling factors leads to increased temperature,which negatively Impact the humans,but to a mush biaaer extent impact the

7. BEHAVIOUR BE

On farms,climate change is reducing crop yields the nutritional quality of major Cereals,and lowering livestock Productivity.

Substantial investments in adaption will be required to maintain current yields and to achieve production And food quality increases to meet demand

Focus on J&P, tap into BE, understand RC

Identify strong TR & EM

3. TRIGGERS TR

Control system manage sensor input, delivering remote information for supply and decision support.

10. YOUR SOLUTION SL

By making farming more connected and intelligent, precision agriculture helps reduce overall costs and improve the quality and quantity of product..

8. CHANNELS of BEHAVIOUR CH

Farmers can anticipate some critical situation and natural changes and prepare accordingly. So when farmers approach this as smart farming their

Extract on BE

	4. EMOTIONS: BEFORE / AFTER EM Precision agriculture is focused on managing the supply of land based on its condition, concentrating on the right growing parameters for example moisture , fertilizer or material content.		work will be done easily.