Project Design Phase-I – Solution Fit Template

Date	1 OCTOBER 2022
Team ID	PNT2022TMID39922
Project Name	Smart Farming
Maximum Marks	2 Marks

Define CS, fit into CC

1. CUSTOMER SEGMENT(S)

The smart farming market is Segmented on the basis of agricultural type software services.Corporate SME and farmer.

6. CUSTOMER CONSTRAINTS

Iot refers to connect device designed for the consumer market,like smart wearables smartphones smart home devices that collect and share data.

5. AVAILABLE SOLUTIONS

Smart Greenhouses and smart logistics and warehousing.Remote crop management.Smart pest management.

Explore AS, differentiate

2. JOBS-TO-BE-DONE / PROBLEMS

The hardware,brain,maintenance, mobilty,connectivity,data collection frequency,data security in the agricultural industry.

9. PROBLEM ROOT CAUSE

It is defined as growing crops or keeping animals for consumption.The main example is raising dairy cows and the business of cultivating land and raising stocks etc.Farming is uniquely challenging profession.Farmers have had to find creative solutions for farming problems to a different variety of ecological challenges.

RC

7. BEHAVIOUR

Its behaviour is about to develop the technology to follow the movements and it is to put around the neck of the cow to record its movement.

BE

3. TRIGGERS

It provides the possibility to manage triggers through the service portal and APIS.A trigger can be defined to automate events and can be need can eliminate the need to manually monitor.

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10. YOUR SOLUTION

SL

.Iot solutions are software program that leverage data captured using iot devices some iot solution are point solution that specialize in the data from one type of sensor others integrate multiple sensors.

8. CHANNELS of BEHAVIOUR

Channel models and a summary of recent channnel modelling developments of wireless iot of the propogation behaviour of present and future wireless iot technologies allowing networks

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4. EMOTIONS: BEFORE / AFTER EM

The ability to apply emotion and centiment analysis to iot applications means there is an oppurtunity for to create automated response