Project Design Phase -I

Problem Solution Fit Template

Date	01 September 2022
Team id	PNT2022TMID38677
Project name	Fertilizers recommendation system for disease prediction
Maximum marks	2 marks

Problem-Solution Fit canvas

Purpose / Vision: To increase the Accuracy recommendation.   Version: 2.O

1. CUSTOMER SEGMENTS
1. Most aware
2. Product-aware
3. Solution aware
4. Problem aware
5. Unaware

6. CUSTOMER LIMITATIONS

customer can only access and see the given's data predictions

5. AVAILABLE SOLLUTIONS
Autonomous tractor
Smart irrigation
Autonomous Harvesting
Livestock monitoring
Genetic editing

2. PROBLEMS / PAINS
Because of the long gap between rains.
Individual decision-making Crops face water stress, short-term crops Their vegetative phase would be cut short .
And they will go into early flowering, Leading unique and most essential good, to be stunted and low soil moisture cause drought and To a drop in yield.

9. PROBLEM ROOT/CAUSE

1. Nutritional abnormalities show as a Discoloration of foliage.
2. pesticide exposure cause serious damage to plan.
3. Extreme weather conditions also lead to plant injury.
4. Some impact of pathogen causes plant disease.

7. BEHAVIOR

1. Through Individual Decision – making are done.

2. The land managers are directly responsible for the land

3. TRIGGERS TO ACT

Lack of support from the policy, changes of climate.

4. EMOTIONs
Stress ,mental health, mental disorder, financial pressure , long working hours , problems with machinery.

10. YOURS SOLUTION

Preventing a infection by creating chemical toxic barrier between plant surface and pathogens modification of host nutrients, spraying pesticide at right time .

8. CHANNELS OF BEHAVIOR
ONLINE:
The customer will take a research about plant disease detection and give fertilizer.

OFFLINE:
recommendation from the already existing database from online resources.