

## Project Design Phase-I Problem – Solution Fit Template

Date	22 October 2022
Team ID	PNT2022TMID09623
Project Name	Fertilizer Recommendation System For Plant Disease Prediction
Maximum Marks	4 Marks

### Template:

Define CS, fit into CC	1. CUSTOMER SEGMENT(S) <span style="float: right;">CS</span>	6. CUSTOMER CONSTRAINTS <span style="float: right;">CC</span>	5. AVAILABLE SOLUTIONS <span style="float: right;">AS</span>	Explore AS, differentiate
	Farmers are our main customers to help them in the problem of choosing right fertilizers to the plant disease.	Availability of good network Capturing image in good pixels for accurate prediction.	People judge the disease in plants by changes in the physical feature of an plant.	
Focus on J&P, tap into BE, understand RC	2. JOBS-TO-BE-DONE / PROBLEMS <span style="float: right;">J&amp;P</span>	9. PROBLEM ROOT CAUSE <span style="float: right;">RC</span>	7. BEHAVIOUR <span style="float: right;">BE</span>	Focus on J&P, tap into BE, understand RC
	The application mainly focus on helping the farmers in choosing the better fertilizers for the farmers to cure and prevent infected plants	Various disease on the plant reduce the quantity and quality of the Crop and insects spread them throughout the plant.	Using this application farmers can easily identify the disease and solution.	
Identify strong TR & EM	3. TRIGGERS <span style="float: right;">TR</span>	10. YOUR SOLUTION <span style="float: right;">SL</span>	8. CHANNELS of BEHAVIOUR <span style="float: right;">CH</span>	Extract online & offline CH of BE
	Plants being affected by disease and farmers facing huge loss		8.1 ONLINE	
	4. EMOTIONS: BEFORE / AFTER <span style="float: right;">EM</span>		Their data is analyzed early using cloud.	
Reduces unwanted work load, stress, time etc..		Developing ML and AI based web applications to analyze and predict the problem and providing solution in seconds.	8.2 OFFLINE	Improves crop production and reduces loss.