

Project Design Phase-I Problem Solution Fit

Date	01 October 2022
Team ID	PNT2022TMID26714
Project Name	Fertilizers Recommendation System For Disease Prediction
Maximum Marks	

Problem Solution Fit:

Problem-Solution fit canvas 2.0

FERTILIZER RECOMMENDATION FOR DISEASE PREDICTION

Define CS, fit into CC	1. CUSTOMER SEGMENT(S) Who is your customer? Farmers are the customers to use this application to predict the unknown disease by adding the images to this application.	6. CUSTOMER CONSTRAINTS What constraints prevent your customers from taking action or limit their choices of solutions? We farmers to use this application with the basic knowledge. Customers are asked to check their fertilizers as we recommended with agricultural experts.	5. AVAILABLE SOLUTIONS Which solutions are available to the customers when they face the problem or need to get the job done? In the past there is an application but they are not effective as we recommended. But if there is any new unknown diseases the trained model gets confused.	Explore AS, differentiate
	2. JOBS-TO-BE-DONE / PROBLEMS Which jobs-to-be-done (or problems) do you address for your customers? The must has to image of the plant leaves and upload to the application that the trained model gets process the image and predict the disease.	9. PROBLEM ROOT CAUSE What is the real reason that this problem exists? In the recent days new diseases enters in the farming and becomes unpredictable and there are too many fertilizers in the market. That's the reason that the problem exists	7. BEHAVIOUR What does your customer do to address the problem and get the job done? If there is unpredicted disease and were no agricultural experts then the farmers are asked to address our trained model and makes use of this to predict the disease and to use the fertilizer to recover from the disease.	
Identify strong TR & EM	3. TRIGGERS What triggers customers to act? The customers can see efficiency of the application where it can be used by neighbors.	10. YOUR SOLUTION If you are working on an existing business, write down your current solution first, fill in the canvas, and check how much it fits reality. It predicts the disease exactly and also to recommend the fertilizer it used to recover from the disease earlier	8. CHANNELS of BEHAVIOUR 8.1 ONLINE What kind of actions do customers take online? The customer add an image to the portal and disease gets predicted, fertilizer recommended.	Extract online & offline CH of BE
	4. EMOTIONS: BEFORE / AFTER How do customers feel when they face a problem or a job and afterwards? When there is unknown new disease customer face the problem		8.2 OFFLINE What kind of actions do customers take offline? No actions there in offline that can be implemented in future.	