

Project Design Phase-I Problem – Solution Fit

Date	23 OCTOBER 2022
Team ID	PNT2022TMID48639
Project Name	Project – IOT based smart crop protection system for agriculture.
Maximum Marks	2 Marks

Define CS, fit into CC	1.CUSTOMER SEGMENT(S) CS Farmer's who is not near his field	6.COUSTOMER LIMITATION CC 1.high adaptation costs, security concerns. 2.make server issue	5. AVAILABLE SOLUTIONS AS The solution we are trying to give is,it gives acknowledgement about the field to the framer.	Explore AS, differentiate

Focus on J&P, tap into BE, understand RC	2. JOBS-TO-BE-DONE / PROBLEMS. J&P The animal cause damage to crop running over them or eating them and by vandalizing the field completely	9. PROBLEM ROOT/ CAUSE. RC The root cause of the problem is that the framer leaves the field due to this issue	7. BEHAVIOUR BE Here the farmer involved both directly & indirectly to the act of behavior of the solution.	Focus on J&P, tap into BE, understand RC

Identify strong TR & EM	3. TRIGGERS TR Farmer protecting their field through their trigger the neighbor farmer to protect their too.	10. YOUR SOLUTION SL To rectify these kind of problem, we propose a System which alert the notifications to the farmer about the acknowledgement if any Animal enter into the field.	8.CHANNELS of BEHAVIOUR CH 8.1 ONLINE The data send through application for the farmers to know about the framer	Extract online & offline CH of BE
	4. EMOTIONS: BEFORE / AFTER EM BEFORE :heavy work load and conflict in relationship AFTER :it is easy to make more yield in		8.2 OFFLINE It sends alert notification even in the offline mode	