

## Project Design Phase-II

### Solution Requirements (Functional & Non-functional)

Date	18 October 2022
Team ID	PNT2022TMID30075
Project name	<b>Exploratory Analysis of Rain Fall Data in India for Agriculture</b>
Maximum marks	4 marks

### Customer Journey Map :

Journey Steps Which step of the experience are you describing?	Discovery Why do they even start the journey?	Registration Why would they trust us?	Onboarding and First Use How can they feel successful?	Sharing Why would they invite others?
<b>Actions</b> What does the customer do? What Information do they look for? What is their context?	Farmers come across the problem and they find the way to solve that problems	Social media Blogs, Field developers Through marketing platforms Easy login features and daily notifications	Searches through various medium Farmers encounters the problem Farmers identify the solution	Recommends it to other farmers
<b>Needs and Pains</b> What does the customer want to achieve or avoid? <i>Tip: Reduce ambiguity, e.g. by using the first person narrator.</i>	Before cultivation, Farmers want to check the weather condition trust issues in the rainfall prediction Heavy precipitation include crop damage, soil erosion, and an increase in flood risk	Gathering rainfall data To make farmers think positively	Identify positive and negative of the solution The farmers give importance to rainfall to maintain their crops	Make the user satisfied with the service Need of user reaction to improve the system
<b>Touchpoint</b> What part of the service do they interact with?	Predict the rainfall using ML models	They talk about the accuracy of the result Our goal is to provide the most accurate result Help farmers to get benefit from our predicted result	A user friendly application to help farmers Discuss with co-farmers who have knowledge about it Social connections	To improve interactive experience
<b>Customer Feeling</b> What is the customer feeling? <i>Tip: Use the emoji app to express more emotions</i>	😬	😞	😞	😬
<b>Backstage</b>				
<b>Opportunities</b> What could we improve or introduce?	Minimize risks to life and	Pollution free	Proper communication between the farmers	To alert the farmer during natural disasters