



Customer Journey Map

Project Title: Exploratory Analysis of Rainfall Data in India for Agriculture

Project Design Phase - II

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SCENARIO

Browsing, booking, attending, and rating a local city tour



Entice

How does someone initially become aware of this process?



Enter

What do people experience as they begin the process?



Engage

In the core moments in the process, what happens?



Exit

What do people typically experience as the process finishes?



Extend

What happens after the experience is over?



Steps

What does the person (or group) typically experience?

Find the problem statement and begins to solve it

Begins rainfall prediction based on their instincts and experiences

Tries to get familiar with UI

Enter random input and check the predicted output

Login or register

Email confirmation

Email reminder

Chooses a specific region to get predicted result

Explore various visualization

Executes the same things for other places or regions and checks the efficiency

Logs out of the application

Personalized recommendations

Gets familiar with the app



Interactions

What interactions do they have at each step along the way?

- People: Who do they see or talk to?
- Places: Where are they?
- Things: What digital touchpoints or physical objects would they use?

Explores blogs, social media and contacts connections

Uses smartphones and open the required web app or rainfall predictor

Reads out the user manual from the webpage on how to use the product

Gets aware of all the controls and options present in each section (eg, profile, prediction, feedback)

Interacts with other users about the app features and results

Recommends to other farmers, plantation workers

Gives feedback based on the experiences



Goals & motivations

At each step, what is a person's primary goal or motivation? ("Help me..." or "Help me avoid...")

Help me to get accurate rainfall prediction

Help me to get higher crop production

Help me to get satisfied with the results with less bandwidth consumption

Help me avoid inaccurate prediction

Help me to get future alerts and heavy rainfall warnings



Positive moments

What steps does a typical person find enjoyable, productive, fun, motivating, delightful, or exciting?

User-friendly web application

It's reassuring to read reviews written by past users

Exciting visualization

Great decision is made and output is verified

Relevant alerts

Relevant alerts and warnings

Frequent FAQ's

Effective feedback

We think people like these recommendations because they have an extremely high engagement rate



Negative moments

What steps does a typical person find frustrating, confusing, angering, costly, or time-consuming?

Assurance and guarantee of the prediction the product is giving

Concerns about data privacy

People express a bit of fear of commitment at this step

Trepidation about the prediction ("I hope this will be worth it!")

People expressed awkwardness about finding their prediction

Network disruption in rural areas

People are unclear about the weather

Customers report feeling review fatigue

People describe leaving a review as an arduous process

People feel peer pressure to predict the weather

We have very low review rates (15% of people review experiences)



Areas of opportunity

How might we make each step better? What ideas do we have? What have others suggested?

Increasing model accuracy

Enhancing communication between the user and system

Make it easier to compare and predict for experiences without having to click on them

Provide a simpler summary to avoid information overload

Show highlights or common phrases from reviews

How might we make our prediction easily identifiable

Integrating more visualization

Could we A/B test different prediction to see what changes response rates?

How might we progressively disclose the full review so that each step feels more simple?

How Adding regional languages like Tamil, Bengali, etc... along with English

Addressing customer issues

How Adding voice assistant device for impaired user

How might we totally eliminate customer problems?