

## **Project Design Phase**

### **Problem – Solution Fit Template**

Date	19 February 2026
Team ID	LTVIP2026TMIDS62229
Project Name	Exploratory Analysis of Rain Fall Data in India for Agriculture
Maximum Marks	2 Marks

## **Problem – Solution Fit Template:**

The Problem-Solution Fit simply means that you have found a problem with your customer and that the solution you have realized for it actually solves the customer's problem. It helps entrepreneurs, marketers and corporate innovators identify behavioral patterns and recognize what would work and why

## Purpose:

- Solve complex problems in a way that fits the state of your customers.
  - Succeed faster and increase your solution adoption by tapping into existing mediums and channels of behavior.
  - Sharpen your communication and marketing strategy with the right triggers and messaging.
  - Increase touch-points with your company by finding the right problem-behavior fit and building trust by solving frequent annoyances, or urgent or costly problems.
  - Understand the existing situation in order to improve it for your target group.**

## Template:

Rain Prediction System Stakeholder Canvas			
Power/Pressure		Date:	
Demand CS	<b>1. CUSTOMER SEGMENT(S)</b> Who are your customers? <ul style="list-style-type: none"><li>Farmers.</li><li>Outdoor workers</li></ul>	<b>CS</b>	<b>6. CUSTOMER CONSTRAINTS</b> Which would prolong or costumers from taking action or time choose or controll? as summid some to rommather stens ableble thonre fastomers. <ul style="list-style-type: none"><li>Lument costers to nannicely fo.0., amperphong</li><li>Cout cesgry</li><li>Cost concerns.</li><li>Unavalable internet connectivity</li><li>Ravel ahees, availability</li></ul>
Power/Pressure	<b>2. JOBS-TO-BE-DONE / PROBLEMS</b> Which jobs-to-be-done (or problems) do youdires for your customers? <ul style="list-style-type: none"><li>Planning daily farming activities</li><li>Planning outdoor work schedule</li><li>Deciding if they need to carry an umbrella or change plans</li></ul>	<b>J&amp;P</b>	<b>9. PROBLEM ROOT CAUSE</b> <ul style="list-style-type: none"><li>Inaccurate weather forecasts,</li><li>Lack of accurate to timely information,</li><li>Complex traditional forecasts are hard to read</li></ul>
Benefit TRG/BM	<b>3. TRIGGERS</b> What triggers customers to act? i.e., seeing the skies darkening, worrying about their crops, reading about a heat advisory.	<b>TR</b>	<b>10. YOUR SOLUTION</b> Describe your solution in one compelling sentence or fill in solution criteria, what features to accomme infoinspept? <ul style="list-style-type: none"><li>Keep it learn Roidons tilmens not negimmat, steetlens, weed?</li><li>dentabots umtmentns certe deviles lnd to diggars pipers,</li><li>keep it short and have a word with customer daftars astrosautly.</li></ul>
Benefit TRG/BM	<b>4. TRIGGERS</b> What triggers customers to do? i.e., seeing the skies darkening, worrying about their crops, reading about a weather advisory	<b>TR</b>	<b>10. YOUR SOLUTION</b> <ul style="list-style-type: none"><li>A user-friendly app that provides accurate and timely rain predictions based on weather data such as solarility accetlar for trinc e Cheegon this qutpartiak.</li><li>A user-strange app that-procid foachets sutheas actions, aloe, stang doffumattara stadtng, meters, propleas, ote matches customer behavios.</li></ul>
Relevance/Impact	<b>4. EMOTIONS: BEFORE / AFTER</b> How as customers shas omas fogs ibies at problem. silf (pb and phawent? i.e., has, ressource comunit), incocent, uss it in your conmuniessidction stragy is design.	<b>EM</b>	<b>10. YOUR SOLUTION</b> <ul style="list-style-type: none"><li>A user-friendly app that provides accurate and timely rain predictions based on weather data such as solarility accetlar for trinc e Cheegon this qutpartiak.</li><li>Fesi containt in making accetions vased on accurate pr-edictions.</li></ul>
Relevance/Impact	<b>5. EMOTIONS: BEFORE / AFTER</b> Njort your solution? haf yauim? ceapagn offence alteratn standaldas in gromers, masechert etat he osomce, ote offat in contubis pemius.	<b>EM</b>	<b>8. CHANNELS OF BEHAVIOR</b> <b>8.2 OFFLINE</b> What haf qut actions do customers take offline? Extract offline channels from #7 <ul style="list-style-type: none"><li>Check online reverbir methant?</li><li>Use weather apps on their smartphone</li></ul>

References:

1. <https://www.ideahackers.network/problem-solution-fit-canvas/>
2. <https://medium.com/@epicantus/problem-solution-fit-canvas-aa3dd59cb4fe>