

Project Design Phase

Problem – Solution Fit Template

Date	15 February 2026
Team ID	LTVIP2026TMIDS71395
Project Name	AutoSage App Using Gemini Flash
Maximum Marks	2 Marks

Problem – Solution Fit Template:

The Problem-Solution Fit means identifying the real problems faced by vehicle buyers and ensuring that the AutoSage solution effectively addresses those issues using AI-powered vehicle analysis.

Purpose:

- Solve vehicle comparison and information access problems efficiently.
- Help users make informed vehicle purchase decisions.
- Provide AI-based insights using Gemini Flash.
- Improve user confidence while selecting vehicles.
- Simplify vehicle analysis through image-based processing.

Template:

<p>1. CUSTOMER SEGMENT(S) Who is your customer? I.e. working parents of 0-5 y.o. kids</p> <p>CS</p> <p>Define CS, fit into CC</p>	<p>6. CUSTOMER CONSTRAINTS What constraints prevent your customers from taking action or limit their choices of solutions? I.e. spending power, budget, no cash, network connection, available devices.</p> <p>CC</p>	<p>5. AVAILABLE SOLUTIONS Which solutions are available to the customers when they face the problem or need to get the job done? What have they tried in the past? What pros & cons do these solutions have? I.e. pen and paper is an alternative to digital notetaking</p> <p>AS</p> <p>Explore AS, differentiate</p>
<p>2. JOBS-TO-BE-DONE / PROBLEMS Which jobs-to-be-done (or problems) do you address for your customers? There could be more than one; explore different sides.</p> <p>J&P</p> <p>Focus on J&P, tap into BE, understand RC</p>	<p>9. PROBLEM ROOT CAUSE What is the real reason that this problem exists? What is the back story behind the need to do this job? I.e. customers have to do it because of the change in regulations.</p> <p>RC</p>	<p>7. BEHAVIOUR What does your customer do to address the problem and get the job done? I.e. directly related: find the right solar panel installer, calculate usage and benefits; indirectly associated: customers spend free time on volunteering work (I.e. Greenpeace)</p> <p>BE</p> <p>Focus on J&P, tap into BE, understand RC</p>
<p>3. TRIGGERS What triggers customers to act? I.e. seeing their neighbour installing solar panels, reading about a more efficient solution in the news.</p> <p>TR</p> <p>Identify strong TR & EM</p>	<p>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 really. If you are working on a new business proposition, then keep it blank until you fill in the canvas and come up with a solution that fits within customer limitations, solves a problem and matches customer behaviour.</p> <p>SL</p>	<p>8. CHANNELS OF BEHAVIOUR What kind of actions do customers take online? Extract online channels from #7</p> <p>CH</p> <p>Extract online & offline CH of BE</p> <p>8.2 OFFLINE What kind of actions do customers take offline? Extract offline channels from #7 and use them for customer development.</p>
<p>4. EMOTIONS: BEFORE / AFTER How do customers feel when they face a problem or a job and afterwards? I.e. lost, insecure + confident; in control - use it in your communication strategy & design.</p> <p>EM</p>		