

## Ideation Phase

### Define the Problem Statements

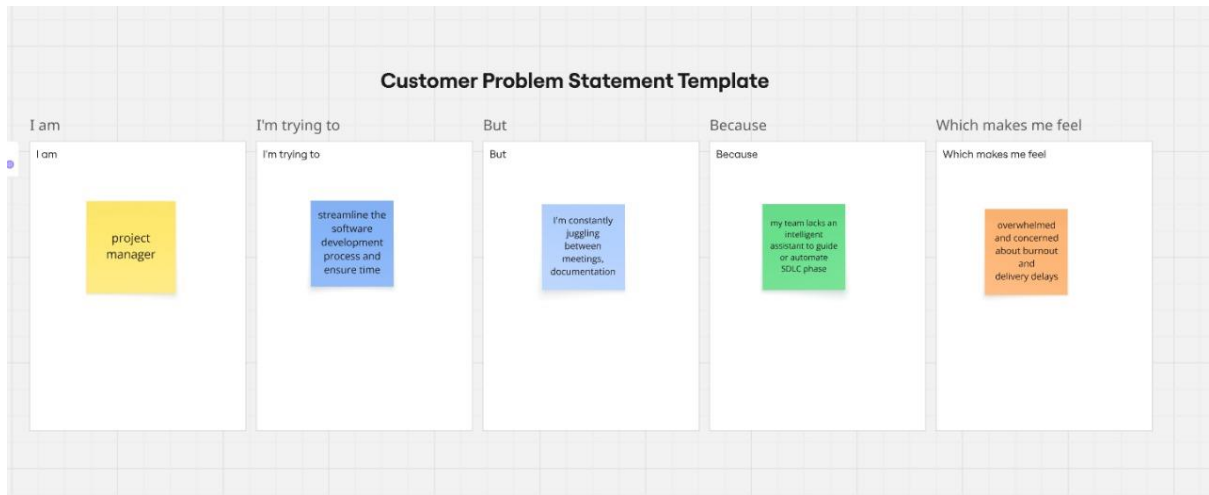
Date	16 Jun 2025
Team ID	LTVIP2025TMID32040
Project Name	Smart SDLC – AI Enhanced Software Development Lifecycle
Maximum Marks	2 Marks

#### Customer Problem Statement Template:

Create a problem statement to understand your customer's point of view. The Customer Problem Statement template helps you focus on what matters to create experiences people will love.

A well-articulated customer problem statement allows you and your team to find the ideal solution for the challenges your customers face. Throughout the process, you'll also be able to empathize with your customers, which helps you better understand how they perceive your product or service.

<b>I am</b>	Describe customer with 3-4 key characteristics - <i>who are they?</i>	Describe the customer and their attributes here
<b>I'm trying to</b>	List their outcome or "job" the care about - <i>what are they trying to achieve?</i>	List the thing they are trying to achieve here
<b>but</b>	Describe what problems or barriers stand in the way - <i>what bothers them most?</i>	Describe the problems or barriers that get in the way here
<b>because</b>	Enter the "root cause" of why the problem or barrier exists - <i>what needs to be solved?</i>	Describe the reason the problems or barriers exist
<b>which makes me feel</b>	Describe the emotions from the customer's point of view - <i>how does it impact them emotionally?</i>	Describe the emotions the result from experiencing the problems or barriers



Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	project manager	streamline the software development process and ensure time	I'm constantly juggling between meetings, documentation	my team lacks an intelligent assistant to guide or automate SDLC phase planning	overwhelmed and concerned about burnout and delivery delays.
PS-2	junior software developer	understand how to write proper documentation and follow the SDLC phases correctly	SDLC concepts theoretical and hard to apply in real-time coding tasks	no tool that connects SDLC principles with AI-generated guidance	lost and less confident about contributing effectively.