

Ideation Phase

Define the Problem Statements

Date	31 January 2025
Team ID	LTVIP2025TMID32013
Project Name	SMART SDLC-AI -ENHANCED SOFTWARE DEVELOPMENT LIFE CYCLE
Maximum Marks	2 Marks

The **Customer Problem Statement Template** for **SmartSDLC** is designed to help teams deeply understand the challenges faced by software development teams, product managers, or clients during the SDLC process. By clearly articulating the customer's pain points, this template allows the team to stay focused on what truly matters—creating an intelligent, user-friendly platform that simplifies and automates complex development lifecycle phases. A strong problem statement captures not just the technical issues, such as delays in requirement analysis or lack of automation in code generation, but also the emotional and operational frustrations users experience. Through this lens of empathy, SmartSDLC can be designed to address real-world problems with AI-driven features that enhance speed, accuracy, and collaboration across teams, ultimately leading to solutions that users genuinely value.

I am	Describe customer with 3-4 key characteristics - <i>who are they?</i>	Describe the customer and their attributes here
I'm trying to	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
but	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
because	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
which makes me feel	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

Example:

I am	I'm trying to	But	Because	Which makes me feel
a traveler	book flights on my phone	it takes a long time	The website is not responsive and doesn't have a mobile version	Frustrated

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1					

PS-2					
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