

Ideation Phase

Define the Problem Statements

Date	30 June 2025
Team ID	LTVIP2025TMID60818
Project Name	SmartSDLC – AI-Enhanced Software Development Lifecycle
Maximum Marks	2 Marks

Customer Problem Statement Template:

AI Code Generator, addresses the development phase, where developers can input natural language prompts or structured user stories. These prompts are sent to the Watsonx model, which generates contextually relevant, production-ready code. This reduces the time needed for boilerplate or prototype creation and enhances coding efficiency. The code is presented in a clean, syntax-highlighted format on the frontend, ready for use or further enhancement.

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