Ideation Phase
Define the Problem Statements

Date	15 JUNE 2025
Team ID	LTVIP2025TMID37665
Project Name	SMART SDLC
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.

Problem Statement

Developers lose valuable time doing repetitive and manual tasks in software development like requirement writing, test generation, bug fixing, and documentation. This project aims to solve that using AI.

Customer Problem Statement – Smart SDLC

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	a software developer or intern	write code, generate tests, and document faster	I spend too much time on repetitive SDLC tasks	there is no unified tool that automates the SDLC stages	overwhelmed and less productive
PS-2	a software tester or team member	validate code functionality with tests	I don't have quick access to reliable test cases	manual test writing is slow and error-prone	frustrated and under pressure