Define Problem Statements Template

Project Name: SmartSDLC – AI-Powered Software Development Lifecycle Automation

Date: 30 June 2025

Team ID:  LTVIP2025TMID31783

# Customer Problem Statement 1

Problem Statement (PS):   
I am a software developer.   
I’m trying to automate repetitive tasks like code generation, bug fixing, and writing test cases during the SDLC.   
But I spend too much time manually handling these tasks, which reduces my focus on core development work.   
Because there is no effective automation that can handle these tasks in the SDLC process.   
Which makes me feel frustrated and inefficient.

# Customer Problem Statement 2

Problem Statement (PS):   
I am a project manager overseeing a team of developers.   
I’m trying to ensure efficient project delivery by automating various parts of the SDLC to save time and reduce errors.   
But due to the manual and error-prone nature of the SDLC, projects often face delays and miscommunication between teams.   
Because the current tools and processes do not provide seamless integration or automation.   
Which makes me feel stressed and overwhelmed by the constant delays and the risk of project failure.