Ideation Phase

Define the Problem Statements

Date	27 MAY 2025
Team ID	LTVIP2025TMID31167
Project Name	SmartSDLC – AI-Enhanced Software Development Lifecycle
Maximum Marks	2 Marks

Customer Problem Statement

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	a computer science student	complete a software development project following proper SDLC steps	I lack proper tools or guidance to perform each phase correctly	I'm unfamiliar with the complete lifecycle process and find it overwhelming	confused and demotivated
PS-2	a small project team member	build a functional app from written user stories and requirements	the manual process takes too much time and is prone to mistakes	we don't have technical experts or automation tools	frustrated and inefficient
PS-3	an educator or mentor	teach SDLC in a more engaging and practical way	students struggle to relate theory with real implementation	traditional teaching lacks interactive tools	ineffective and concerned