

Ideation Phase
SmartSDLC – AI-Enhanced Software Development Lifecycle

Date	30 June 2025
Team ID	LTVIP2025TMID60818
Project Name	SmartSDLC – AI-Enhanced Software Development Lifecycle
Maximum Marks	4 Marks

SmartSDLC – AI-Enhanced Software Development Lifecycle :

SmartSDLC is a full-stack, AI-powered platform that redefines the traditional Software Development Lifecycle (SDLC) by automating key stages using advanced Natural Language Processing (NLP) and Generative AI technologies.

It is not just a tool — it's an intelligent ecosystem that allows teams to convert unstructured requirements into code, test cases, and documentation instantly, thereby minimizing manual intervention, enhancing accuracy, and accelerating the delivery pipeline.