**Ideation Phase**

**SmartSDLC – AI-Enhanced Software Development Lifecycle**

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| Date | 30 June 2025 |
| Team ID | LTVIP2025TMID60830 |
| 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.