

Ideation Phase

Empathize & Discover

Date: 26 June 2025

Team ID: LTVIP2025TMID34234

Project Name: SmartSDLC: AI-Enhanced SDLC Automation Platform

Maximum Marks: 4 Marks

Empathy Map Canvas

An empathy map is a tool that helps teams gain deeper insight into their users' needs and behaviors.

Says

- "I'm tired of manually sorting software requirements."
- "I wish writing production code could be faster."
- "Debugging takes too much of my time."
- "I want better documentation for understanding legacy code."

Thinks

- "AI could probably handle repetitive dev tasks."
- "If only I could generate test cases automatically."
- "I hope this tool understands what I really mean."
- "Will this code work out of the box?"

Does

- Uploads requirement PDFs for analysis.
- Types in user stories to get generated code.
- Pastes buggy code for AI debugging.
- Uses AI chatbot to clarify SDLC phases and practices.

Feels

- Relieved when repetitive tasks are automated.
- Empowered with faster prototyping tools.

- Confident when AI fixes bugs correctly.
- Curious and excited to explore AI-generated suggestions.