Ideation Phase
Empathize & Discover

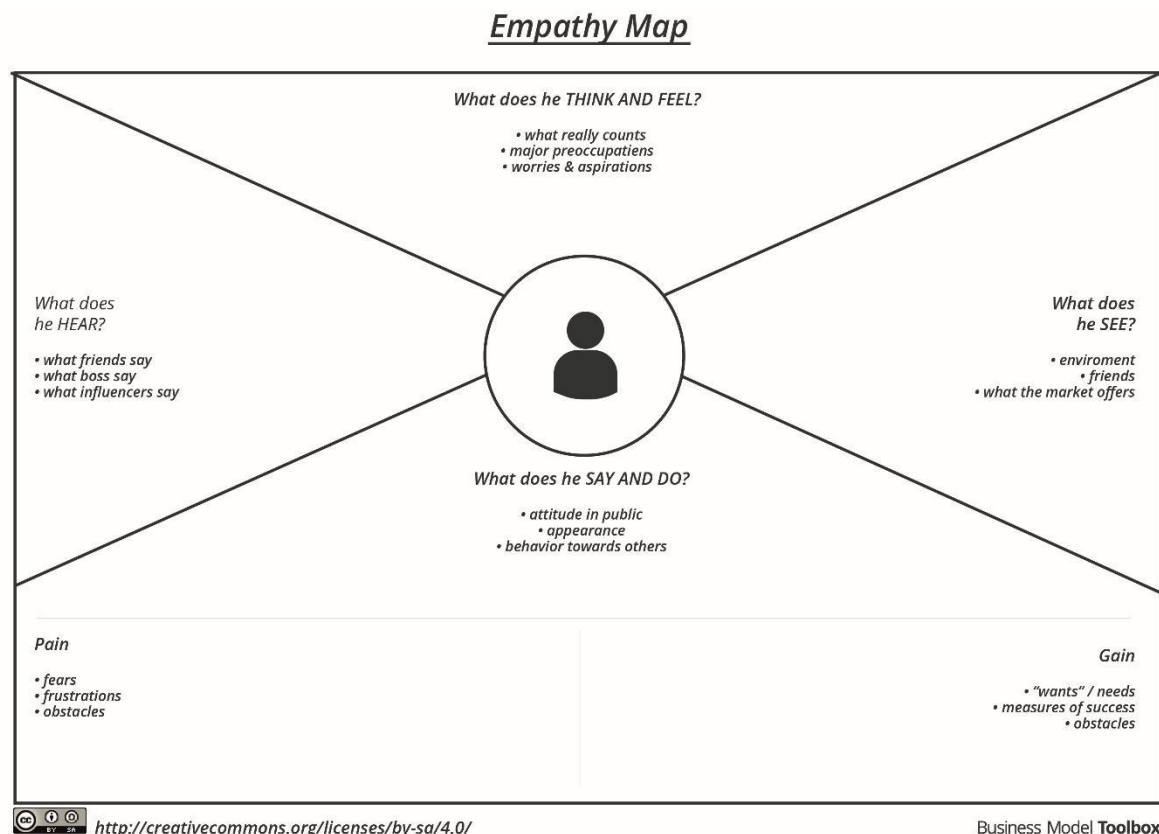| Date	31 January 2025
Team ID	LTVIP2025TMID32342
Project Name	SmartSDLC – AI-Enhanced Software Development Lifecycle
Maximum Marks	4 Marks

Empathy Map Canvas:

An empathy map is a simple, easy-to-digest visual that captures knowledge about a user's behaviours and attitudes.

It is a useful tool to helps teams better understand their users.
Creating an effective solution requires understanding the true problem and the person who is experiencing it. The exercise of creating the map helps participants consider things from the user's perspective along with his or her goals and challenges.

Example:

Reference: https://www.mural.co/templates/empathy-map-canvas

SmartSD.LC – AI-Enhanced Software Development Lifecycle

A fun-rstacck in a ful AI-powered platform that redefines the traditional Software Development Lfecycle by automating key stages using advanced Natural Language

Scenario 1:
Requirement Upload and Classifrcarion

What are devispensd gsarfering ad cisiscficos-

GOAL

Scenario 2:
AI Code Generator

Writ do dinect inputut input naturci pro- po osi durrens

PAINS

Pariss
Manual tasks, inaccuracies, and delays

GAINS
Speed, accuracy, and calarty

WHO are we empathizing with?

· Who are the stakeholders and users?
· What are their roles in SDLC

GAINS
Speed accuracy, and clarity

Test Case Generator

Stan&io dey

What are they saaying wher platfrorm?
What can we infer from their inquries?

WHAT o they SEE

· What do they observe wen using the platform
· How are results diplayed?

What other thoughts and feelings might influen- ces their behavior?

Sc ot Seasora-
Test Case Generator

· What do they intcact with the plattorm?
What actions arcree they performing?

Scenario 8:
Floating AI chatbot Assistant

Floating AI Chatbot Assistant Assistant

WHAT do they SAY?

· How do they interact with platform?
· What actions are they performing?