Ideation Phase
Empathize & Discover

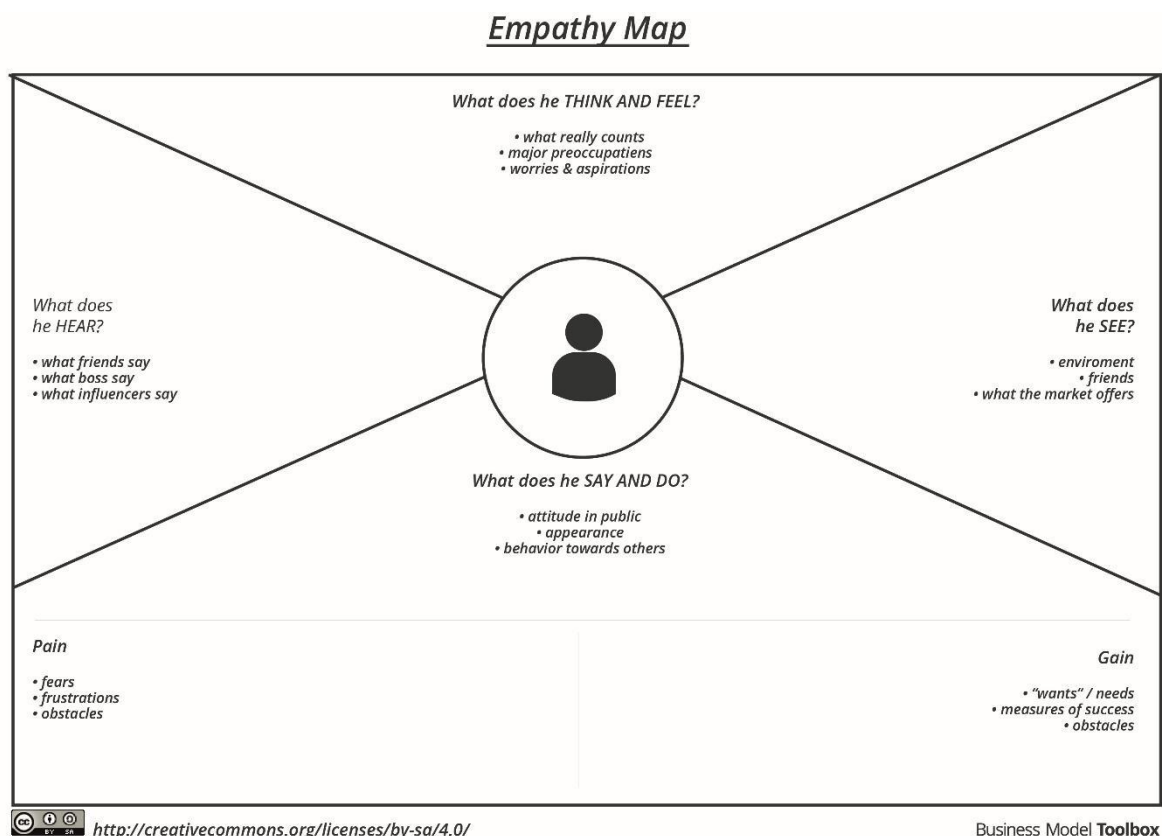| Date	27 June 2025
Team ID	LTVIP2025TMID37802
Project Name	pattern sense: classifying fabric patterns using deep learning
Maximum Marks	4 Marks

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

Example: pattern sense: classifying fabric patterns using deep learning

Empathy Map: User of Deep Learning for Fabric Pattern Classification

Says

- This AI classification saves so much time!
- I can't believe how accurate it is.
- It helps us maintain consistency across our produs our product lines.
- I wish it could also suggest new design combinations.

Does

- Relieved by reduction in
- Emooual effort.
- Optiowered faster decision-making.
- Curious aboring the application's capaliilties.

Thinks

How can I integrate this more deeply into oufe design worfflow?

This technology is a game-changer for manufaacturing.
Are there any biass in the training data il might affect nice patterns?

Are thore any design possibilies moy more creative tasks.

This frees up my time for creative tasks.

Feels

- Uploads new fabric designs for automated classification.
- Reviews classification reports and minar adjustments.
- Explores new design possibilities based on efficient categorization.
- Trains new team members on using the **deep learning tool.**
- Curious about expanding the application.