

Ideation Phase

Empathize & Discover

Date	19 June 2025
Team ID	LTVIP2025TMID35513
Project Name	pattern sense: classifying fabric patterns using deep learning
Maximum Marks	4 Marks

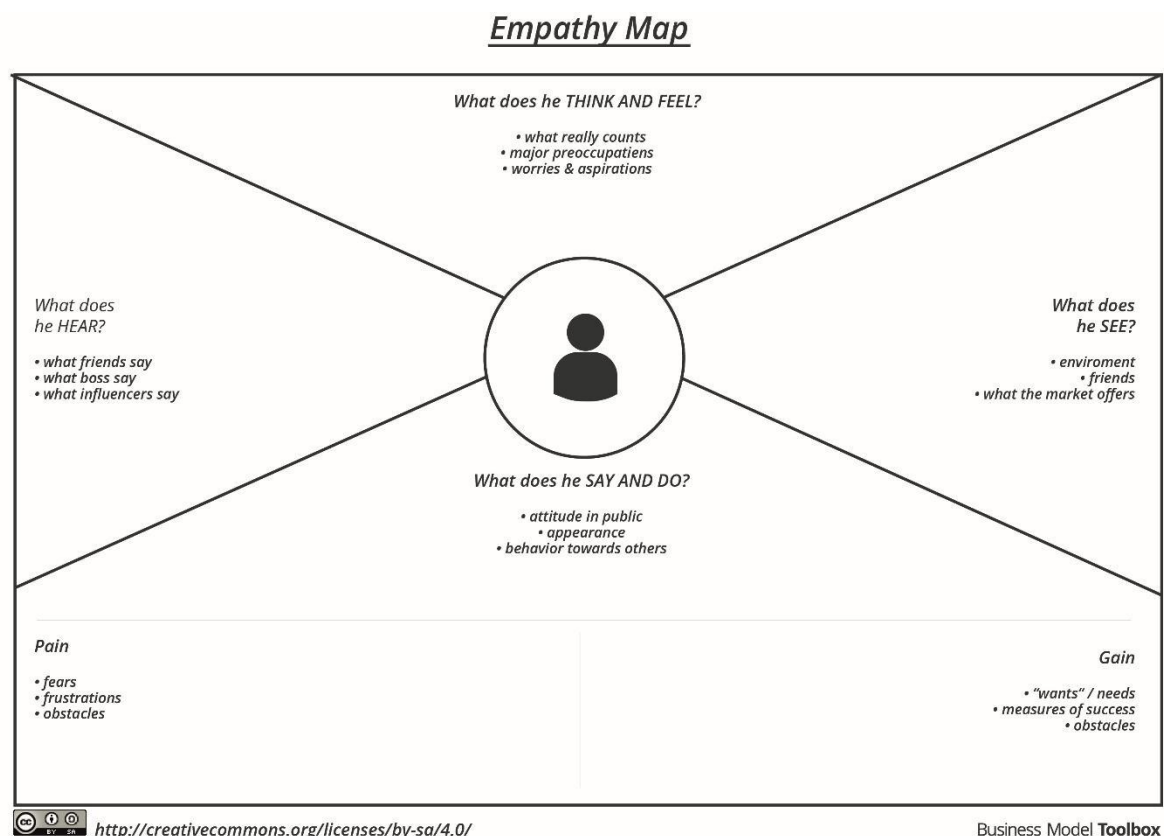
Empathy Map Canvas:

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 help 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 product lines.
- I wish it could also suggest new design combinations.

Thinks

How can I integrate this more deeply into our design workflow?

This technology is a game-changer for manufacturing.
Are there any biases in the training data it might affect nice patterns?

Are there any design possibilities for more creative tasks.

This frees up my time for creative tasks.

Does

- Relieved by reduction in manual effort.
- Optimized faster decision-making.
- Curious about the application's capabilities.

Feels

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

