

Ideation Phase

Empathize & Discover

Date	31 January 2025
Team ID	LTVIP2025TMID45617
Project Name	CleanTech: Transforming Waste Management with Transfer Learning
Maximum Marks	4 Marks

Empathy Map Canvas:

User: City waste handlers, sorting facility operators, and municipal supervisors

Goals: Accurately classify and segregate waste to reduce landfill load and improve recycling

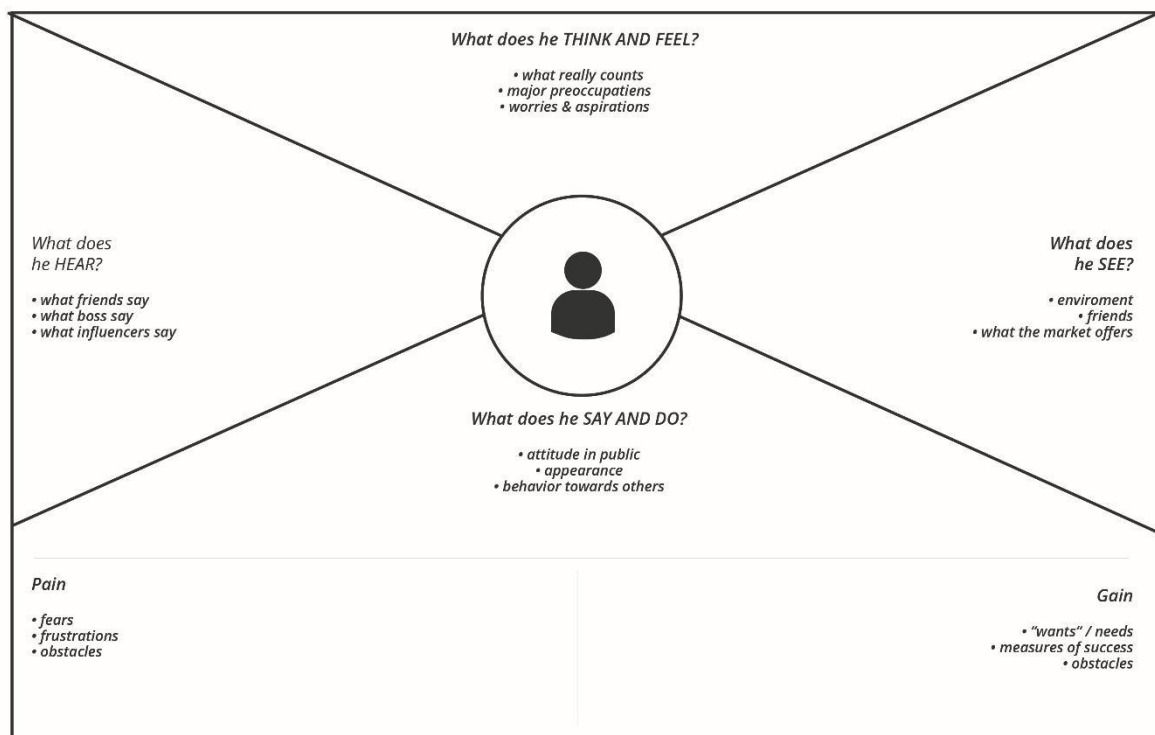
Tasks: Collecting, scanning, identifying waste; sorting into correct bins; reporting outcomes

Pains: Manual sorting errors, lack of time, pressure to meet sustainability targets, ambiguity in packaging

Gains: An AI-powered image classifier that identifies waste types quickly and accurately from images

Example:

Empathy Map



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Business Model **Toolbox**

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

Example: Food Ordering & Delivery Application

