

## Ideation Phase

### Empathize & Discover

|               |   |
|---------------|---|
| Date          | 31 January 2025   |
| Team ID       | LTVIP2025TMID36498  |
| Project Name  | TrafficTelligence: Advanced Traffic Volume Estimation with Machine Learning |
| Maximum Marks | 4 Marks   |

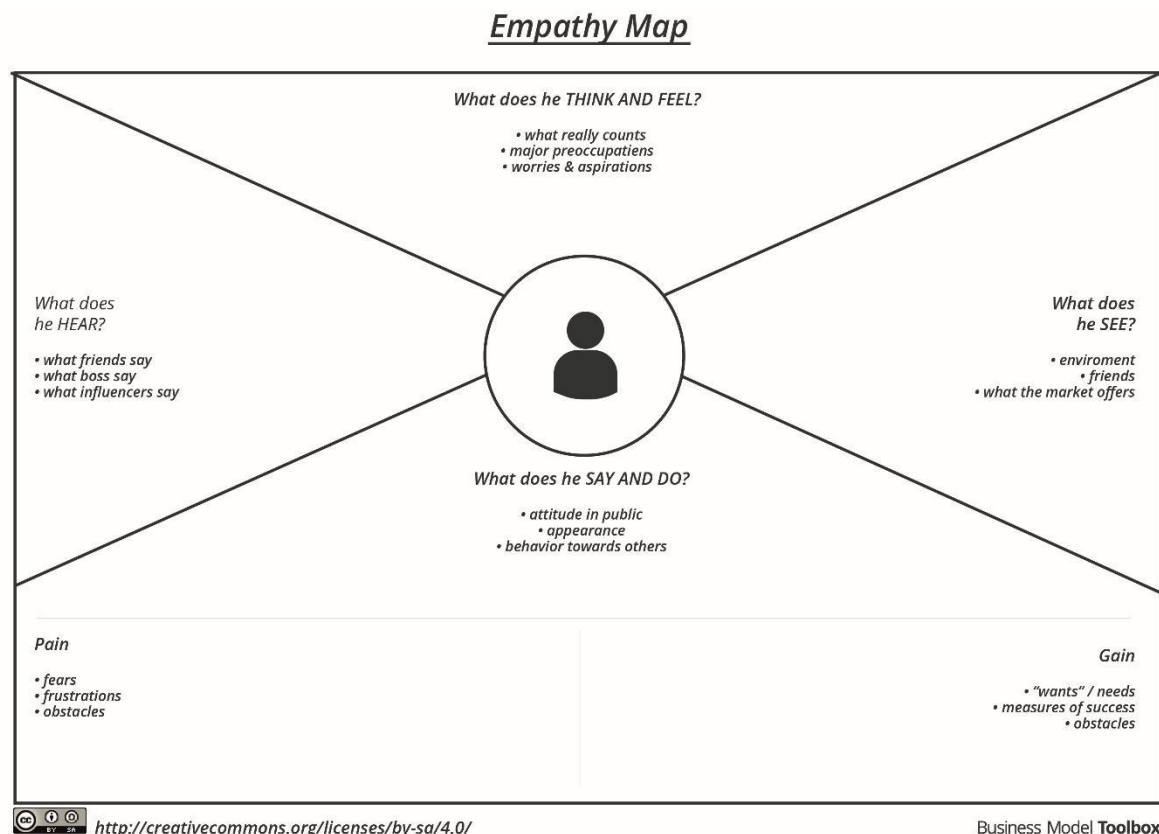
#### Empathy Map Canvas:

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.

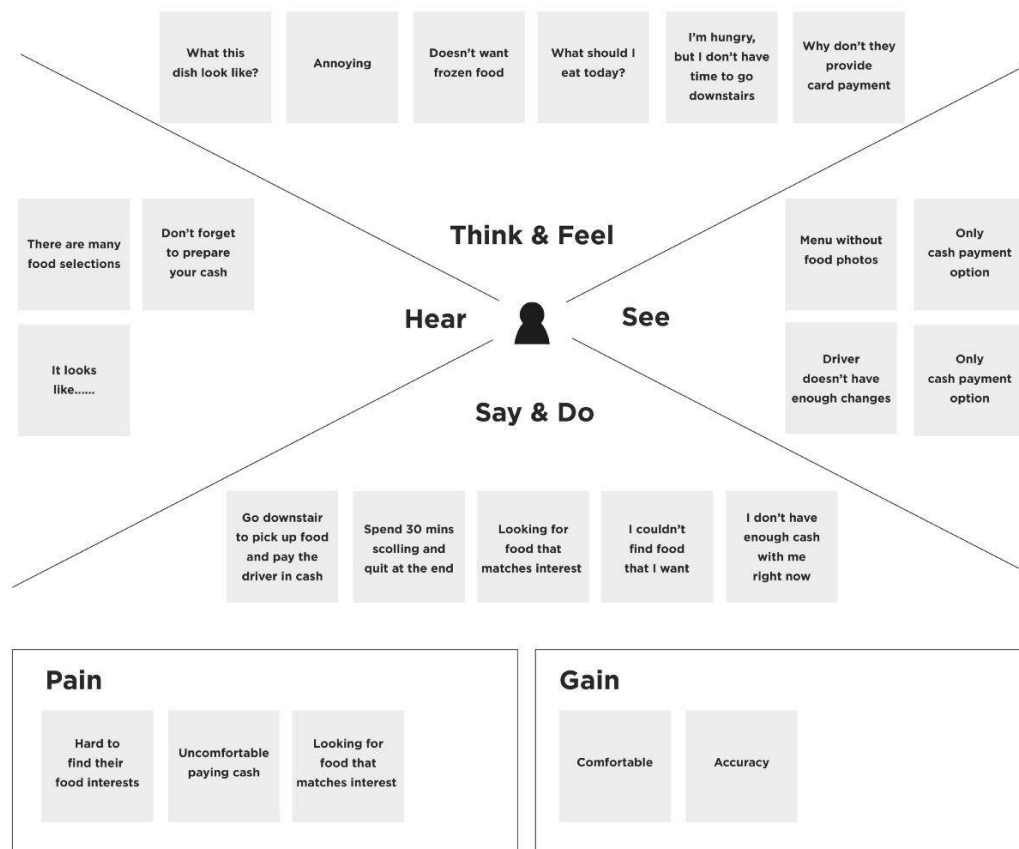
Creating an effective solution requires understanding the true problem and the person who is experiencing it. The exercise of creating the map helps participants consider things from the user's perspective along with his or her goals and challenges.

#### Example:

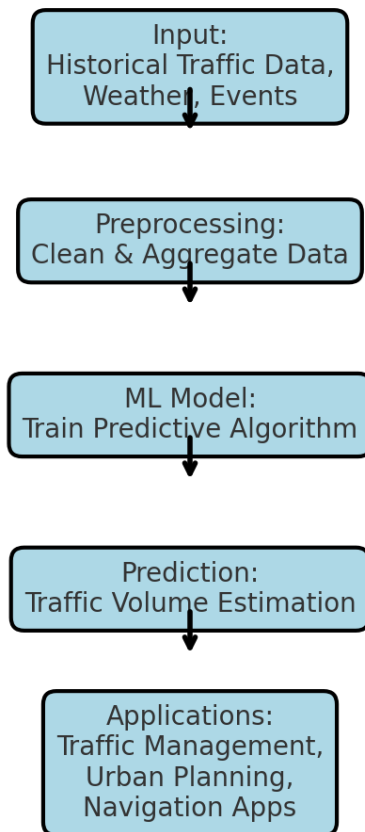


Reference: <https://www.mural.co/templates/empathy-map-canvas>

## Example: Food Ordering & Delivery Application



Project Name: TrafficTelligence: Advanced Traffic Volume Estimation with Machine Learning



| Empathy Map Category | Description  |
|----------------------|--|
| Target Users         | 1. Transportation Authorities<br>2. Urban Planners<br>3. Daily Commuters             |
| Think & Feel         | Concerned about congestion, want predictive insights, frustrated by current systems. |
| See                  | Inefficient systems, static infrastructure, smart cities as examples.                |
| Say & Do             | Need data-driven control, express urgency in planning, seek smart traffic solutions. |
| Hear                 | Public complaints, commuter requests, stakeholder pressure.                          |
| Pain                 | No dynamic control, poor planning, commuter dissatisfaction, wasted budgets.         |

|      |   |
|------|---|
| Gain | Predictive insights, optimized planning, smoother commutes, efficient resource use. |
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