

Project: CleanTech: Transforming Waste Management with Transfer Learning

Document Type: Empathy Map Canvas

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User Persona: General Public / Householder

SAY

- "I need to properly sort my daily waste for recycling."
- "I can upload an image of waste from my mobile camera."
- "I can view the classification result."
- "I can give feedback on the waste classification result."

THINK

- "Is this waste recyclable or not?"
- "Traditional waste sorting is confusing and takes too much time."
- "I hope this app is easy to use and gives me a quick, accurate result."

DO

- Uploads an image of waste using a web interface.
- Views the classification result (Recyclable / Non-recyclable).
- Provides feedback on the classification result.

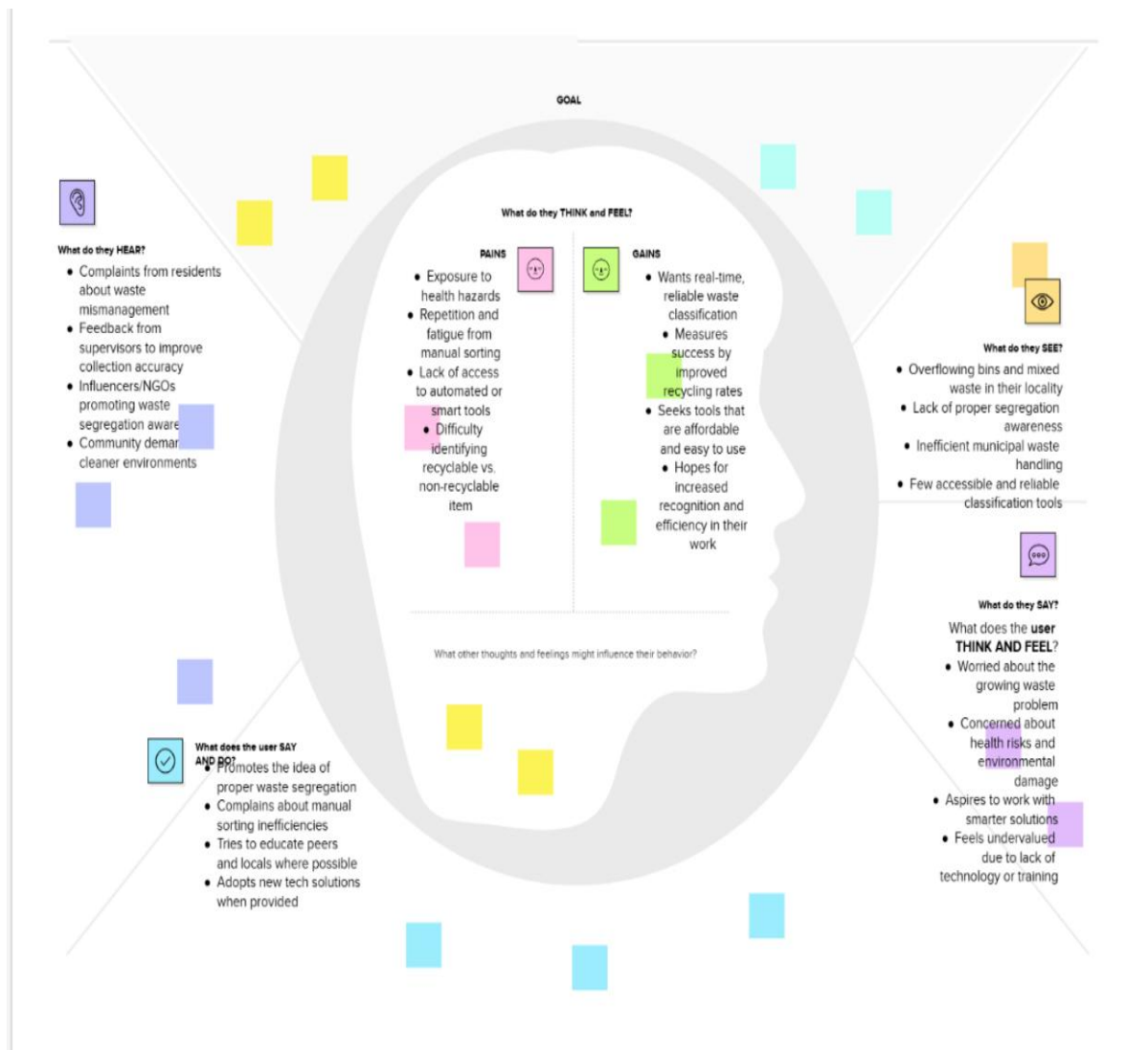
FEEL

- Uncertain and concerned about contributing to environmental pollution.
- Frustrated with manual and error-prone sorting methods.
- Relieved when they get a clear and accurate result.

PAINS

- Traditional waste sorting methods are manual, time-consuming, and prone to errors.
- The inefficient classification and disposal of waste lead to environmental pollution and health hazards.

- Uncertainty about properly sorting their waste at home.
- **GAINS**
- Get instant waste classification results.
- Learn how to properly classify daily waste using a simple interface.
- Contribute to efficient and eco-friendly waste segregation.



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

