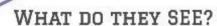# EMPATHY MAP

WHAT DO THEY THINK AND FEEL?

• Create a cleaner, healthier smart cities.
• Setting the IOT device in the garbage may lead to damage of the system.
• Optimize waste operation.
• Improve street sanition

WHAT DO THEY HEAR?

• Save the environment from the toxic effects.
• Improper management of garbage leads to diseases.
• Overflowing garbage can affects the cleanliness of the city.
• Spread diseases.

SMART WASTE MANAGEMENT

WHAT DO THEY SEE?

• For utilities to reduce traffic and fuel use.
• Human
• Animals

WHAT DO THEY SAY AND DO?

• Garbage level detection in bins.
• We can view the location of every bin in the web app.
• Garbage management.

PAINS

• Overfilled trash bins create unhygienic conditions.
• Non-optimized truck routes.
• Improper detection of waste reduces the efficiency of the system.

GAINS

• Increase profitability.
• Helps us to reduce the pollution.
• Reduced overflows.
• Time saving.
• Become a smart city.