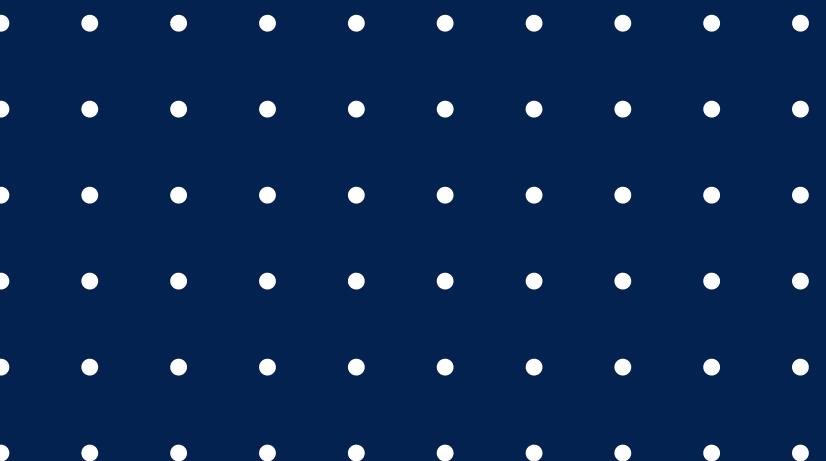




TODAY'S ACTIVITY





i Details



Ministry/Organization Name/Student Innovation: Maharashtra State Student Innovation Challenge

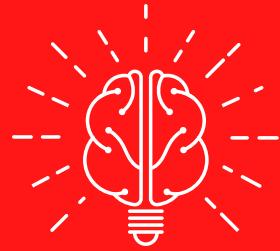
Problem Statement : Domestic Waste Management

Team Name: Charters

Team Leader Name: Yash Mahajan

Institute Name: MGM's College Of Engineering, Nanded.





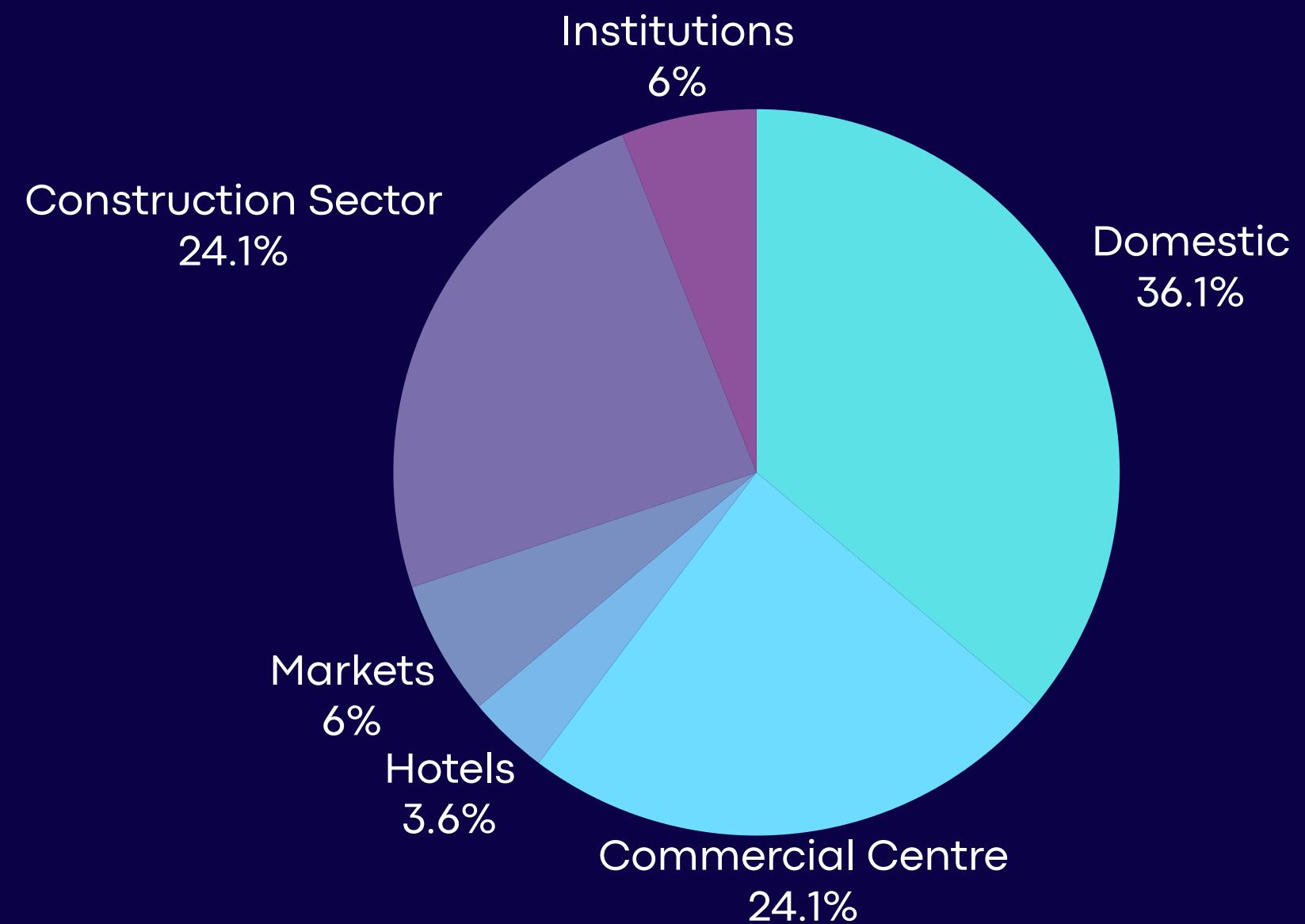
Idea/Approach :

Introduction :

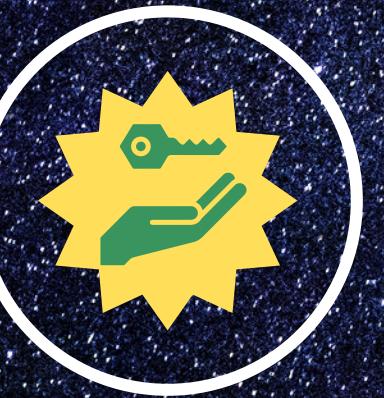
WasteWizard is a comprehensive waste management app that simplifies and optimizes the process of managing domestic waste.

It provides users with the knowledge, tools, and resources they need to reduce waste, recycle efficiently, and make eco-friendly choices.

Waste Composition :



Solution Overview :



1. WASTE COLLECTION SCHEDULER



- "Order Garbage Vehicle" button: Request pickup for extra waste or missed collections.
- Major Dustbin

4.ZERO-WASTE REWARDS PROGRAM



Earn Green-coins and Redemactable Gift Vouchers

2 Image Processing

- process the images
- shows advantages & disadvantages
- AR technology

5.WASTE-TO-COMPOST EXCHANGE



- Connect users with excess organic waste to compost enthusiasts.
- Exchange waste for fresh produce or compost.

3. WASTE REDUCTION CHALLENGES



- Engage in waste reduction challenges.
- Photo Upload for particular place
- Leaderboard

6.WASTE PREVENTION GAME FOR KIDS:

- Educational game teaching waste prevention.
- Kids earn virtual rewards for eco-friendly tasks.
- Awareness Program

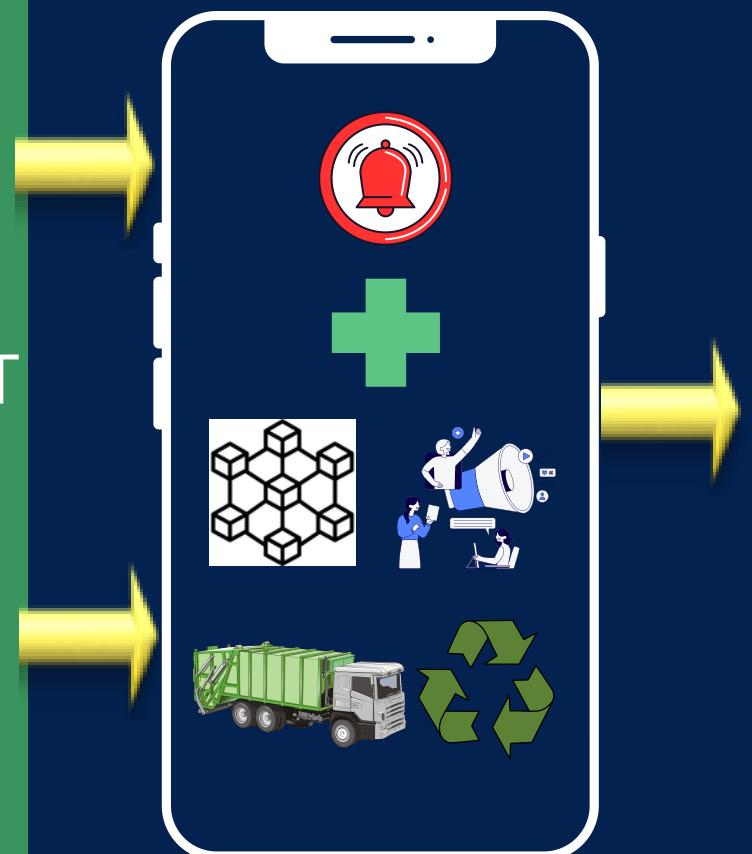
Working As :

App

Producer

Household
Apartments
Grocery-MKT
Institute
Malls
Food factories

Mediator

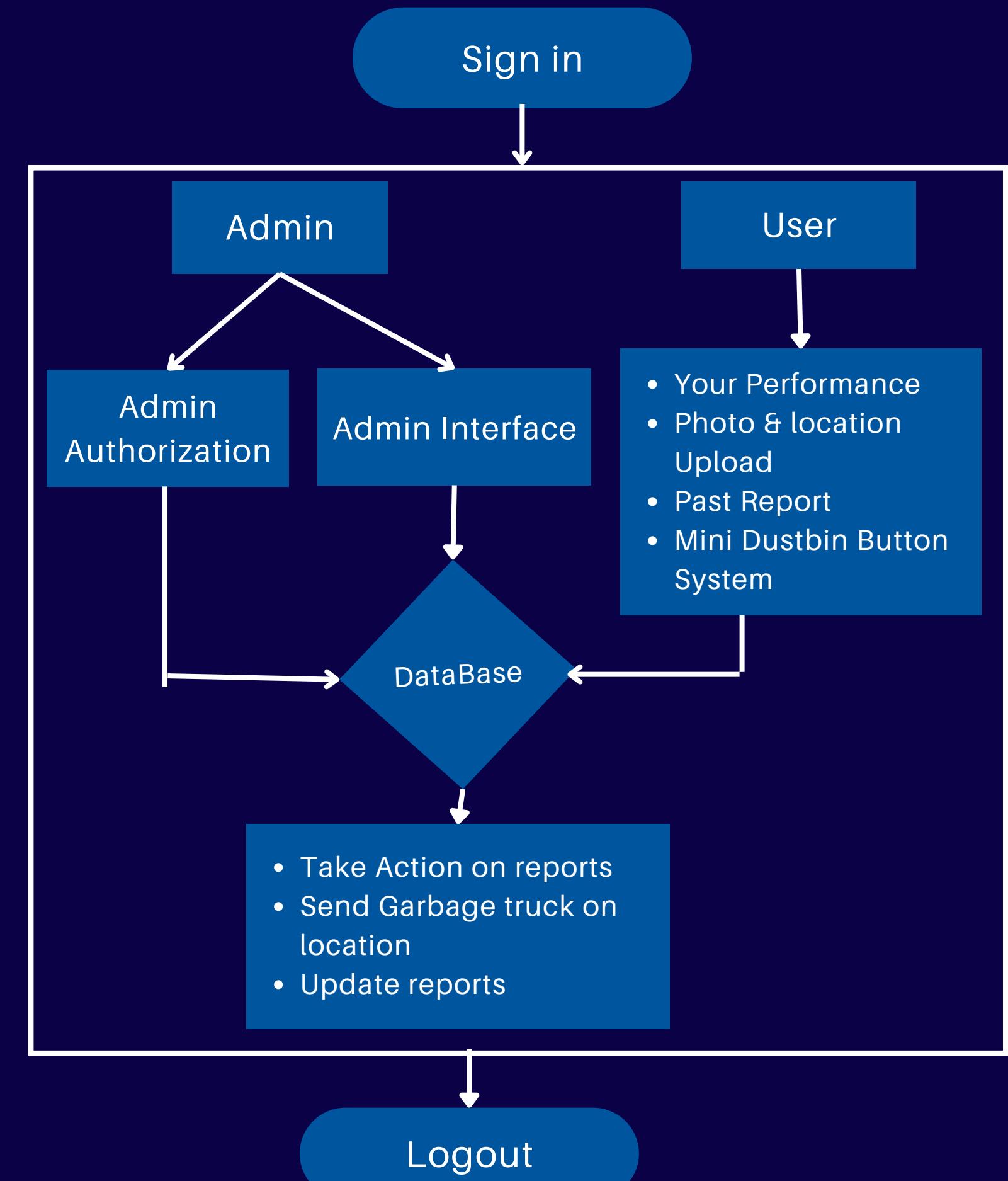


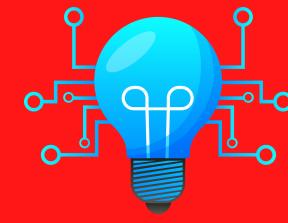
Consumer

Dry recycle plant
Wet recycle plant
E-Waste Recycling plant
Bio-gas plant
Sludge Plant



Use Case Diagram :





Technologies :

Frontend

AI/ML
VR



Backend



Team Members

Sr.no.	Name	Branch	LinkedIn Profile
1	Kondiba Gangadhar Jogdand	TY-CSE-A	
2	Yash Sanjay Mahajan	TY-CSE-B	
3	Tejas Dnyaneshwar Kotalwar	TY-CSE-B	