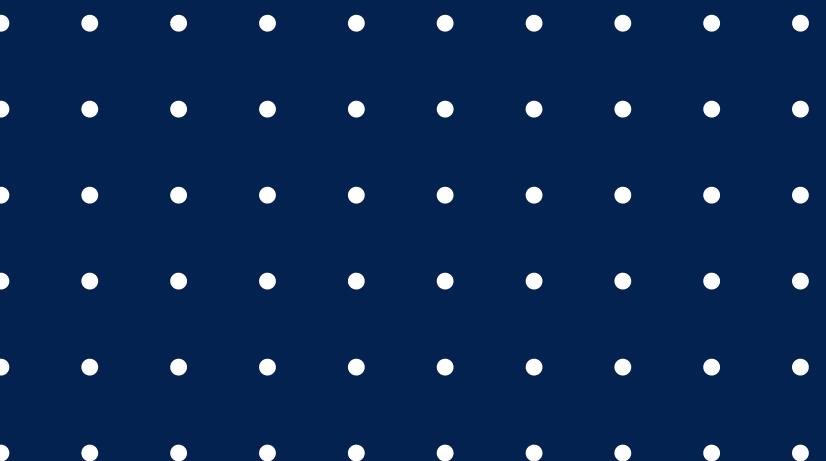




# TODAY'S ACTIVITY





# i Details



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

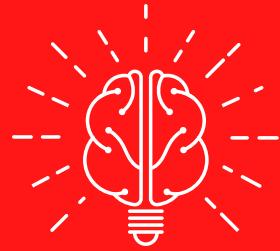
**Problem Statement :** Domestic Waste Management

**Team Name:** Charters

**Team Leader Name:** Yash Mahajan

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





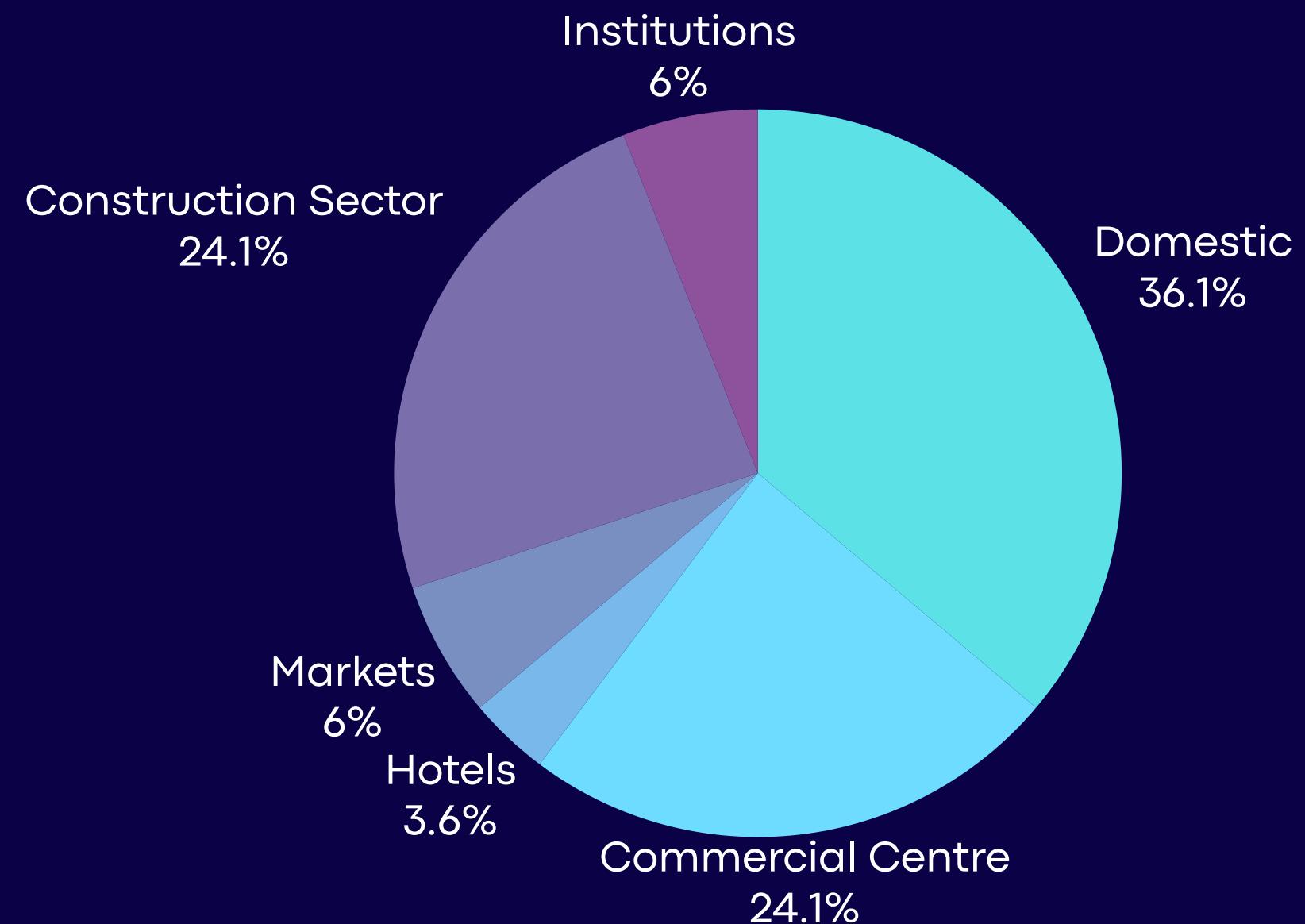
# Idea/Approach :

## Introduction :

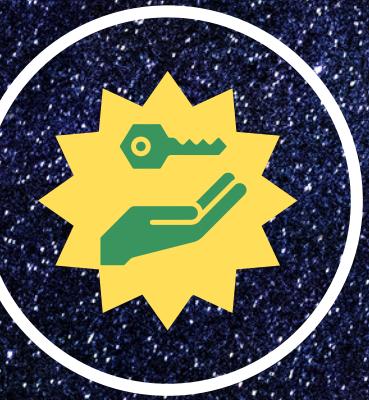
**WasteWizard is a comprehensive waste management app that simplifies and optimizes the process of managing domestic waste.**

**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.

## 5.ZERO-WASTE REWARDS PROGRAM



Earn Green-coins and Redemmmable Gift Vouchers

## Image Processing

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

## 7.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



## 4.WASTE PREVENTION GAME FOR KIDS:

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

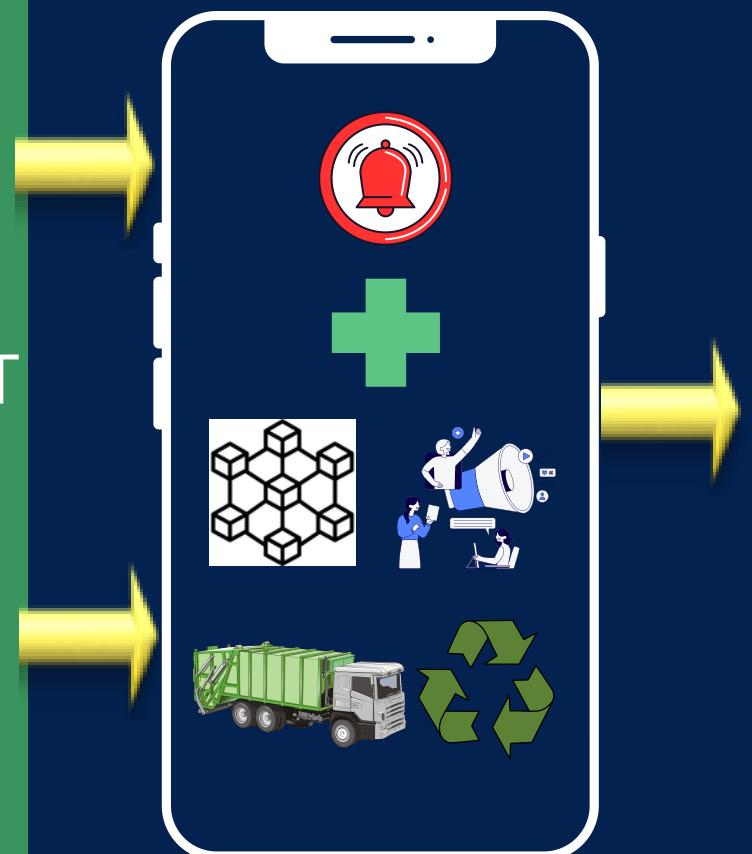
# Working As :

## App

### Producer

Household  
Apartments  
Grocery-MKT  
Institute  
Malls  
Food factories

### Mediator

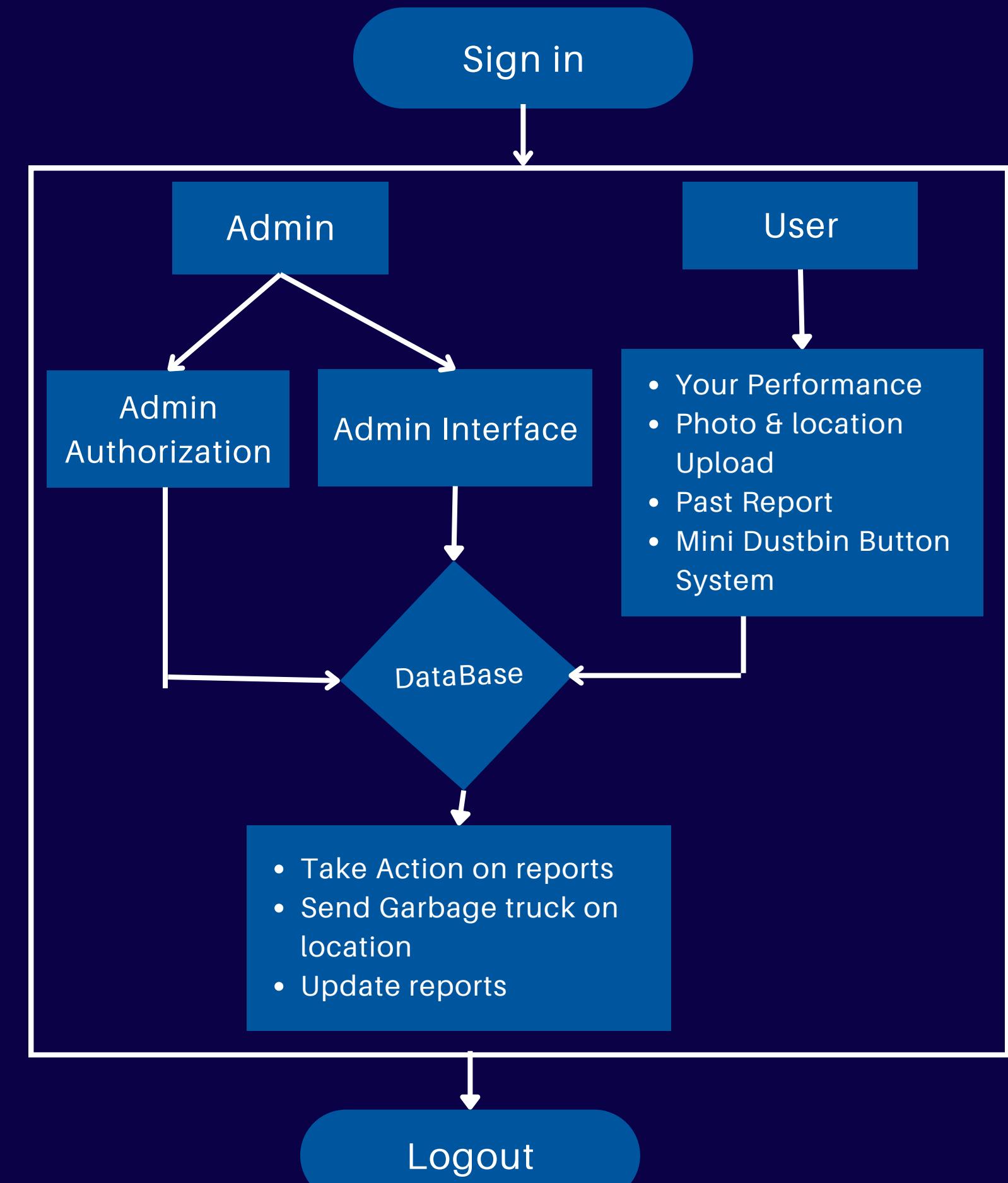


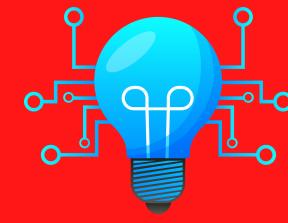
### Consumer

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	