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DTI - Group 1

# EcoConnect

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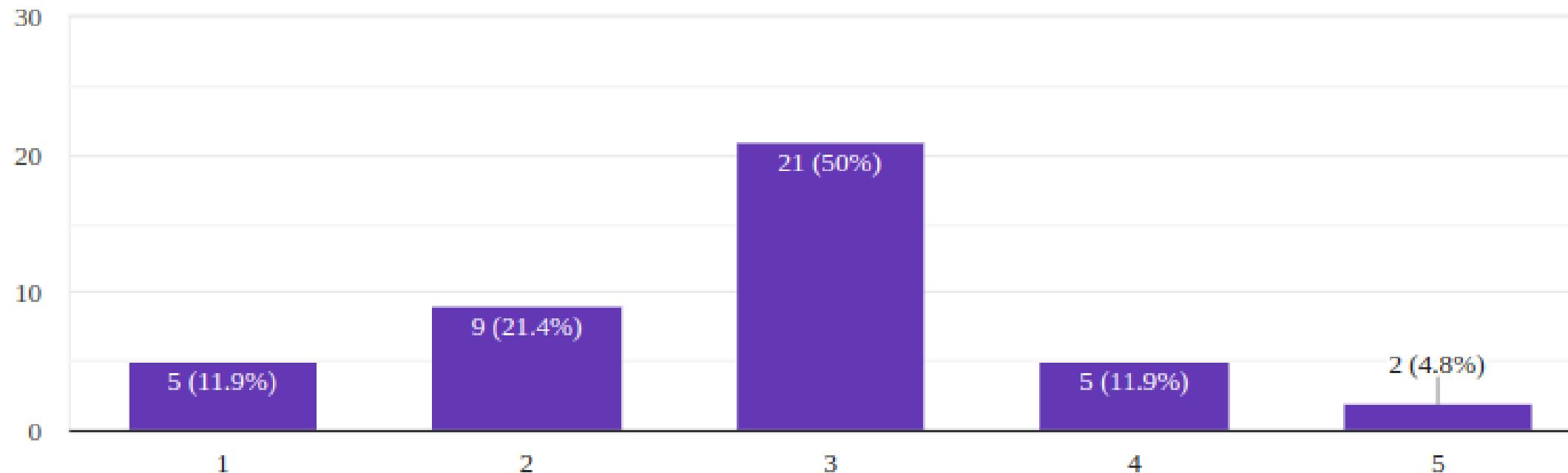
## Understanding the Need of Effective Waste Management

- Essential for maintaining environment sustainability
- Protecting public health and ensuring efficient use of resources.
- With rapid urbanization, increasing population and changing consumption patterns, the volume and complexity of waste have grown significantly, leading to several challenges.
- Make environmentally conscious decisions.
- Mitigate climate change and support a circular economy.



How much would you rate the work hygiene levels of the cleaners in campus/hostel

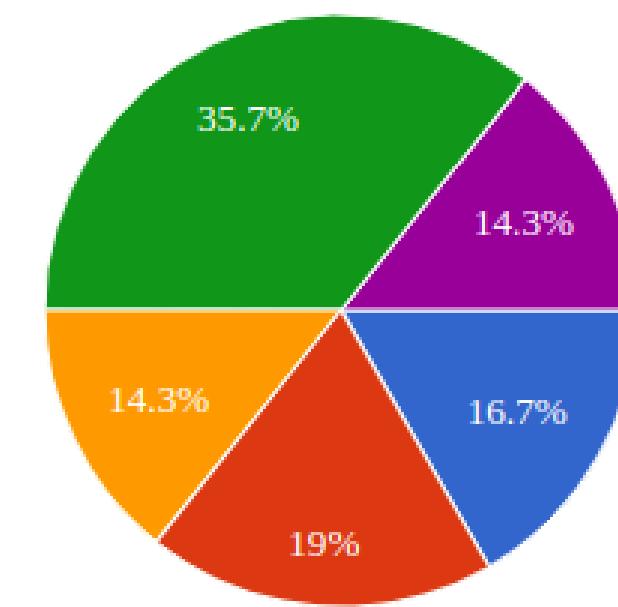
42 responses



Copy chart

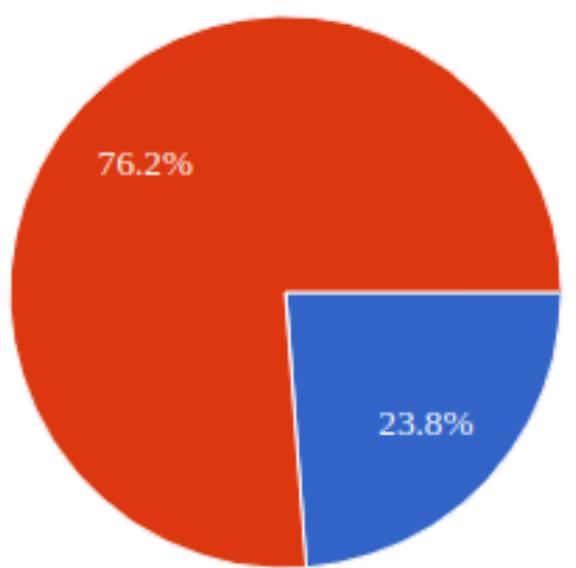
How often do you clean your room?

42 responses



Have you ever been infected with Malaria/Dengue?

42 responses



What could be a way to improve the work conditions of the cleaners in campus and hostels?

19 responses

Provide them with resources not used by us in our daily lives

Fare wages

Aware the students and increase the cleaning workers

Installing more number dustbins

Paying on regular basis so that it can motivates them to come everyday

# The Problem at Hand



- Users need waste collection services that are easy to access, with scheduled pickups, convenient drop-off points, and clear guidelines on where and how to dispose of different types of waste..
- Waste disposal and recycling services need to be affordable and accessible to everyone, including lower-income communities.
- In many regions, users face challenges due to inadequate waste collection systems, leading to unsightly waste build up and health hazards.



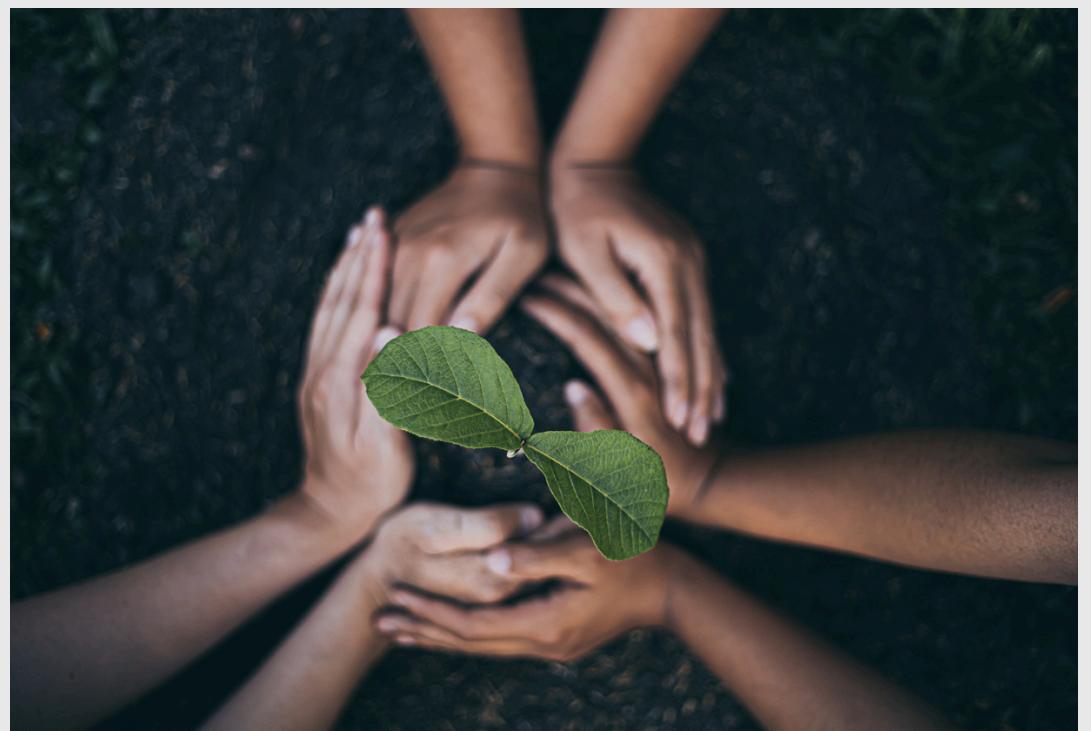
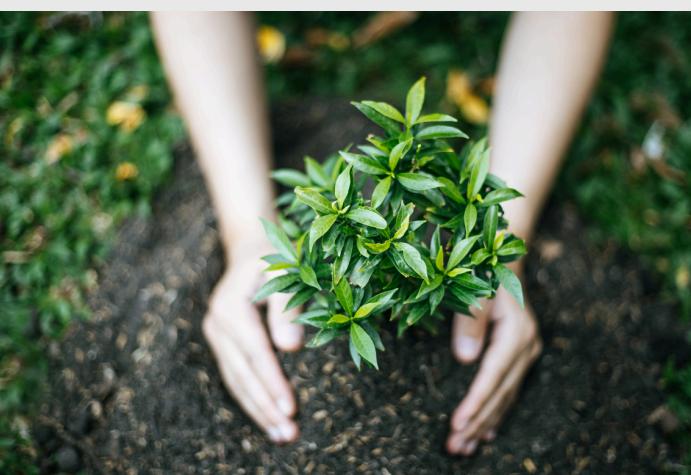
# INNOVATIVE SOLUTIONS



- Report Issues Instantly: A simple way for users to report waste problems with photos.
- Community Events: Organize clean-ups and volunteer drives easily.
- Interactive Maps: Visualize waste problem areas and volunteer spots.
- Educational Resources: Share tips on waste reduction and recycling.

## USER-CENTRIC FEATURES

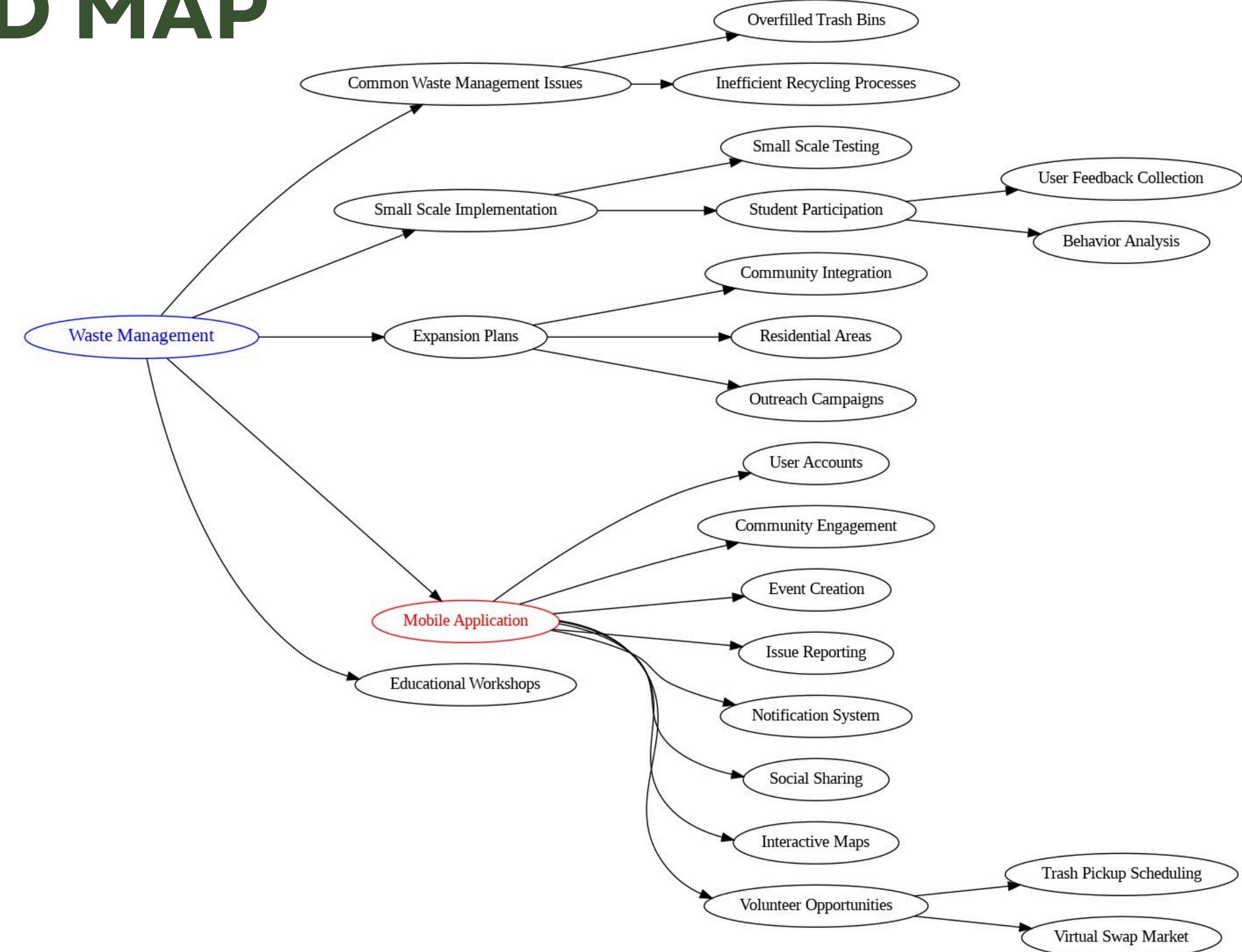
- Built around accessibility, engagement, and education for all users.



[www.reallygreatsite.com](http://www.reallygreatsite.com)



# MIND MAP





# PROTOTYPE

Sustainable Living



Landing Screen

## Sign Up to Eco Connect

Username

Email

Password

eye icon

**Sign Up**

Have an account already? [Login](#)

Sign Up Screen

**Welcome to Eco Connect**

Where environmental awareness meets community engagement

**Eco Forum**  
Engage in community discussions on waste management.

**Eco Hub**  
Learn and share educational content on waste management.

**Volunteer Hub**  
Find and register for volunteer opportunities.

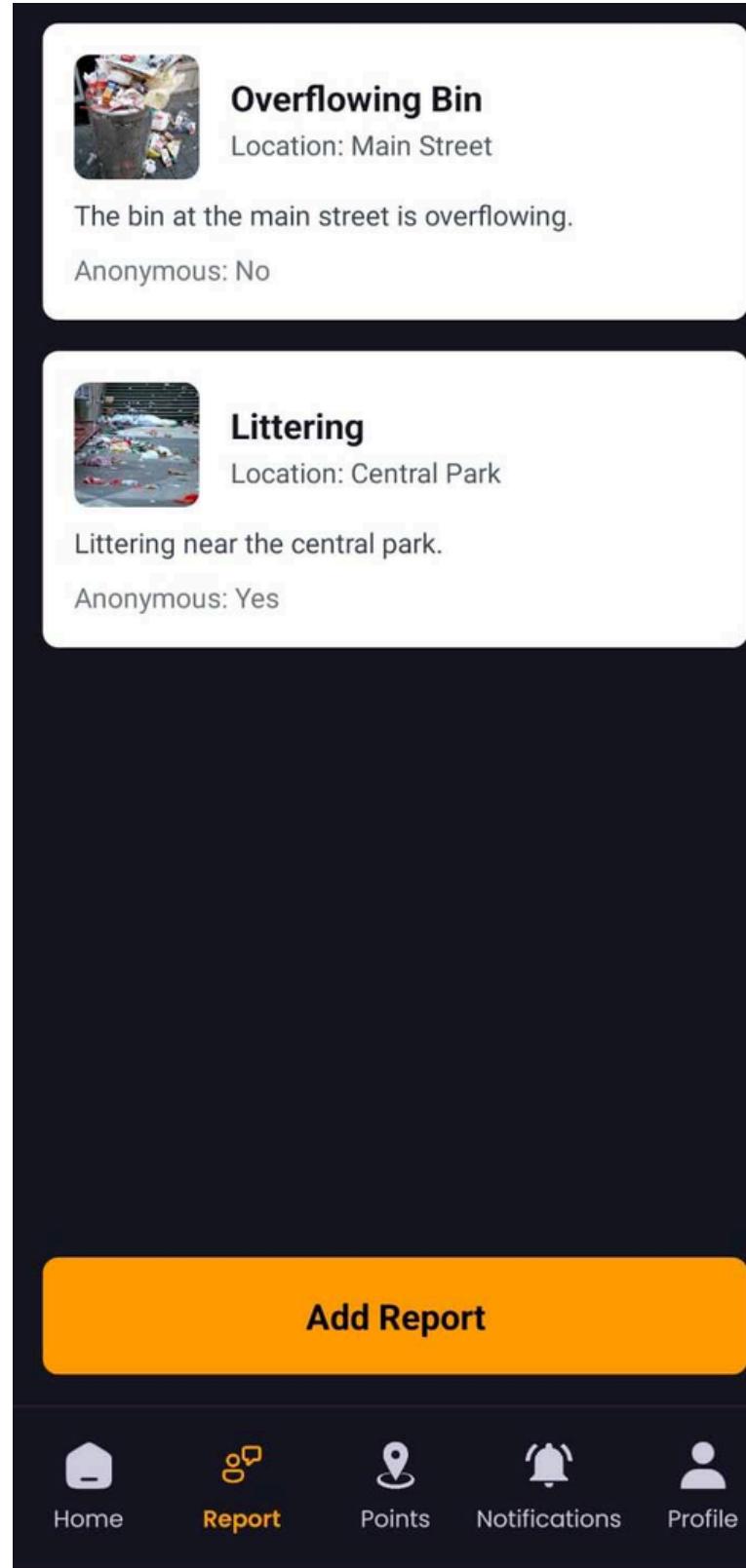
**Home** **Report** **Points** **Notifications** **Profile**

Home Screen



# PROTOTYPE

Sustainable Living



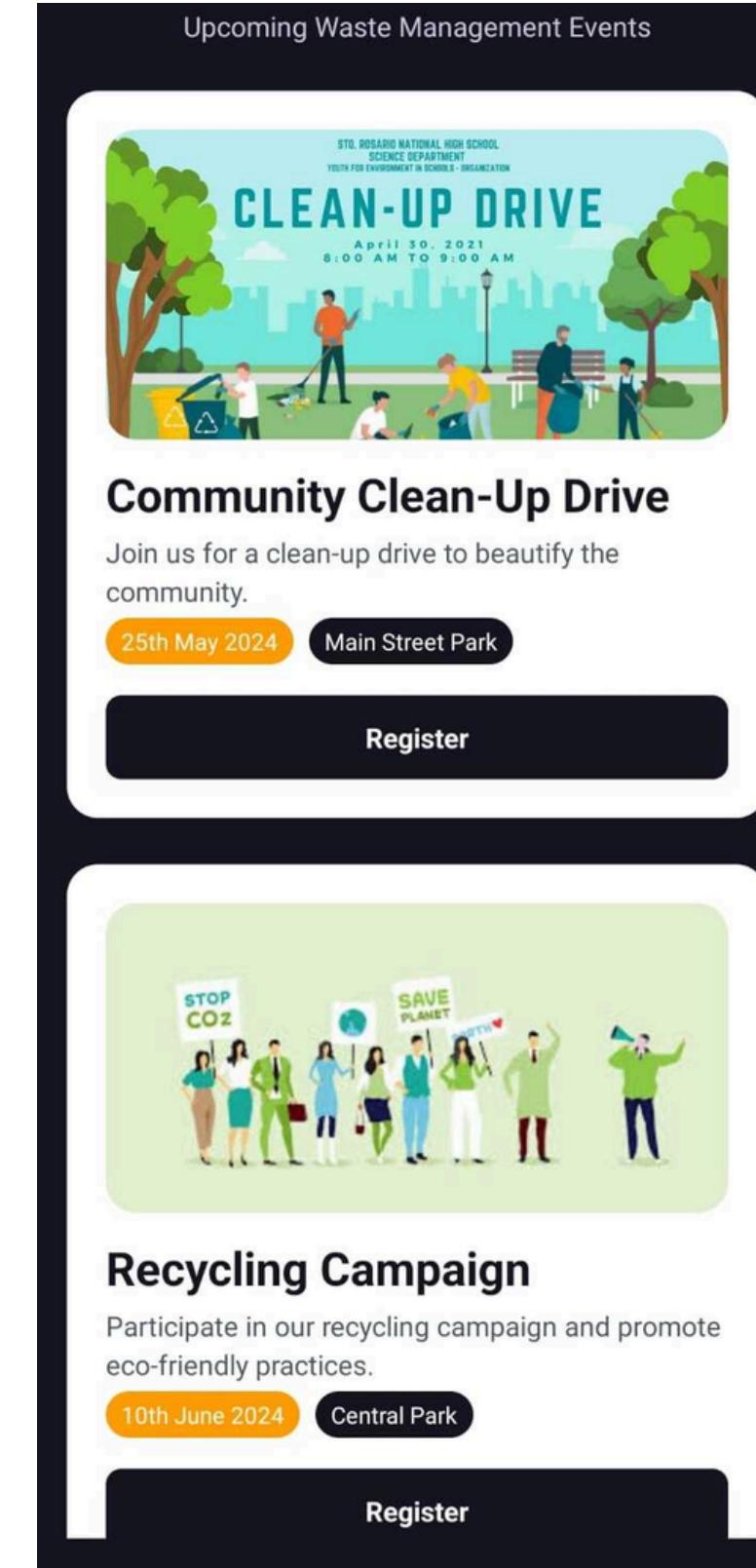
**Overflowing Bin**  
Location: Main Street  
The bin at the main street is overflowing.  
Anonymous: No

**Littering**  
Location: Central Park  
Littering near the central park.  
Anonymous: Yes

**Add Report**

Home Report Points Notifications Profile

Issue Reporting



Upcoming Waste Management Events

**CLEAN-UP DRIVE**  
STO. ROSARIO NATIONAL HIGH SCHOOL  
SCIENCE DEPARTMENT  
YOUTH FOR ENVIRONMENT IN SCHOOLS - ORGANIZATION  
April 30, 2021 8:00 AM TO 9:00 AM

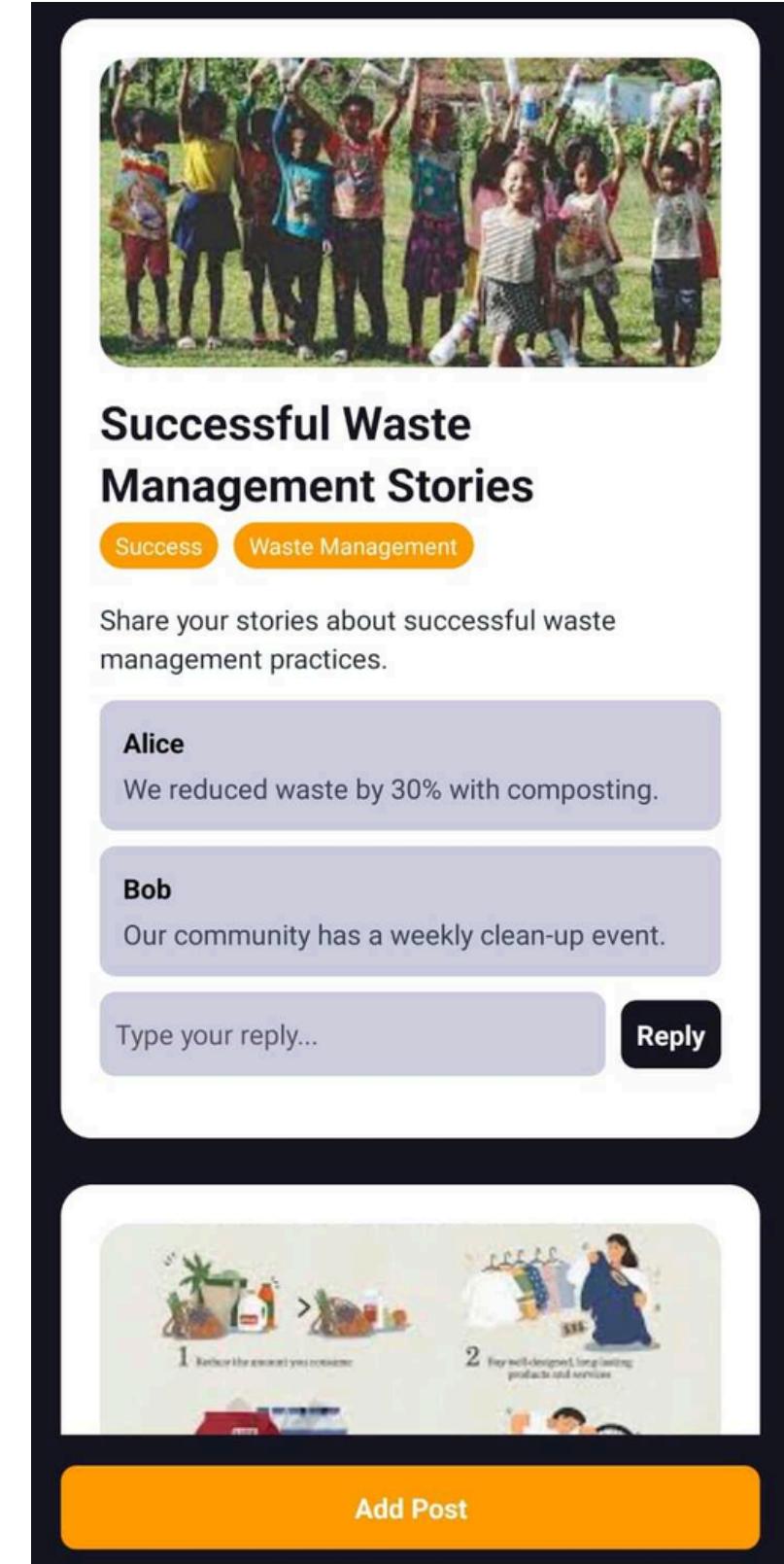
**Community Clean-Up Drive**  
Join us for a clean-up drive to beautify the community.  
25th May 2024 Main Street Park

**Register**

**Recycling Campaign**  
Participate in our recycling campaign and promote eco-friendly practices.  
10th June 2024 Central Park

**Register**

Volunteer Opportunities



**Successful Waste Management Stories**

Success Waste Management

Share your stories about successful waste management practices.

**Alice**  
We reduced waste by 30% with composting.

**Bob**  
Our community has a weekly clean-up event.

Type your reply... **Reply**

**Add Post**

Community Engagement



# TESTING AND FEEDBACK

- Conducted usability tests with target users.
- Collected feedback on user experience and app functionality.
- **Key Feedback:**
  - Simplify event registration flow.
  - Add a feature to track participation history.
- **Improvements Made:**
  - Enhanced UI for better navigation.
  - Incorporated a user-friendly notification system.

Sustainable Living





Sustainable Living

# THANK YOU!

