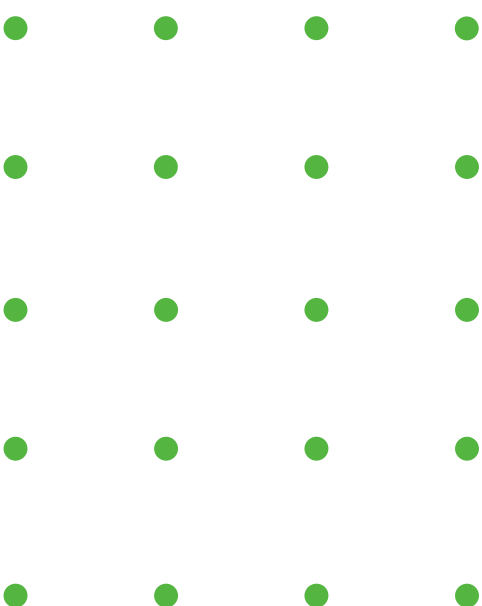
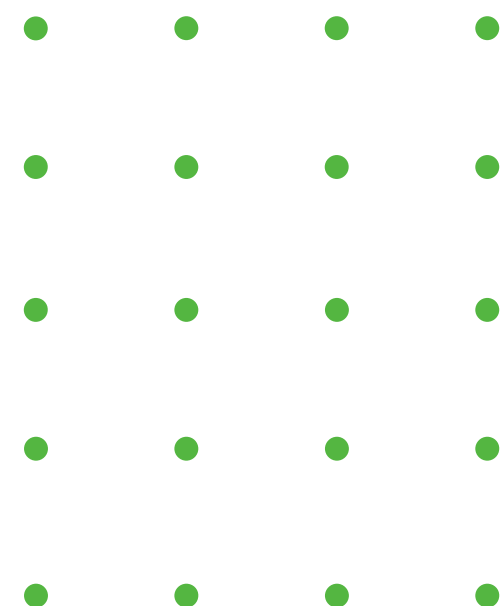




WASTE MANAGEMENT APP



GROUP DETAILS



GROUP NO:

5

GROUP NAME:

SCHYFANE

GROUP MEMBERS:

| | |
|---------------------|----------------|
| AJAY VISHNU E | [CCE20CS004] |
| ENRIC S NEELAMKAVIL | [CCE20CS025] |
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| VAISHNAV M J | [CCE20CS062] |

PROBLEM STATEMENT

How might we address waste (including e-waste), handling, storage, transportation, recycling, and final disposal of any residual waste in a uniform way globally such that the developing or poor countries are saved from becoming the dumping ground for the developed countries?



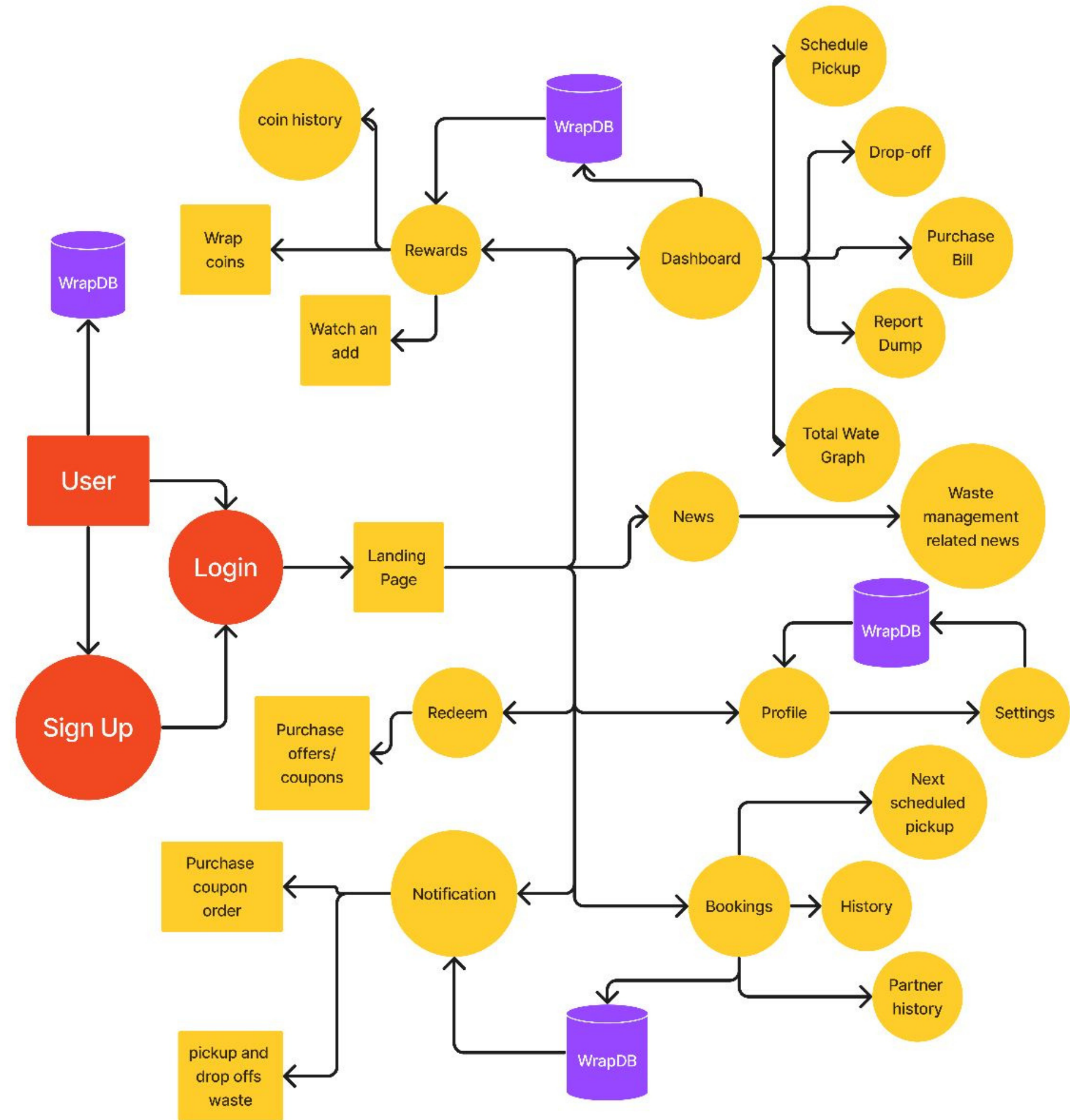
OBJECTIVE

The WRAP App is a tool created to aid users in efficiently managing trash disposal. Users will be able to connect with regional waste management service providers, track and monitor their trash disposal behaviours, and learn about ecologically responsible garbage disposal techniques with this app.

User Requirements:

- Registration: The app should allow users to register and create an account to access all features of the app.
- User Profile: The app should allow users to create a profile that will include their name, location, and contact information.
- Waste Tracking: The app should allow users to track their waste disposal habits, including the amount and type of waste generated.
- Schedule Pickup: Allows the users to choose the time slot for waste door pickup or drop-off at collection points.
- Waste to rewards: At every pickup, user receives a WRAP coin as reward. Using WRAP coins users are able to redeem rewards.

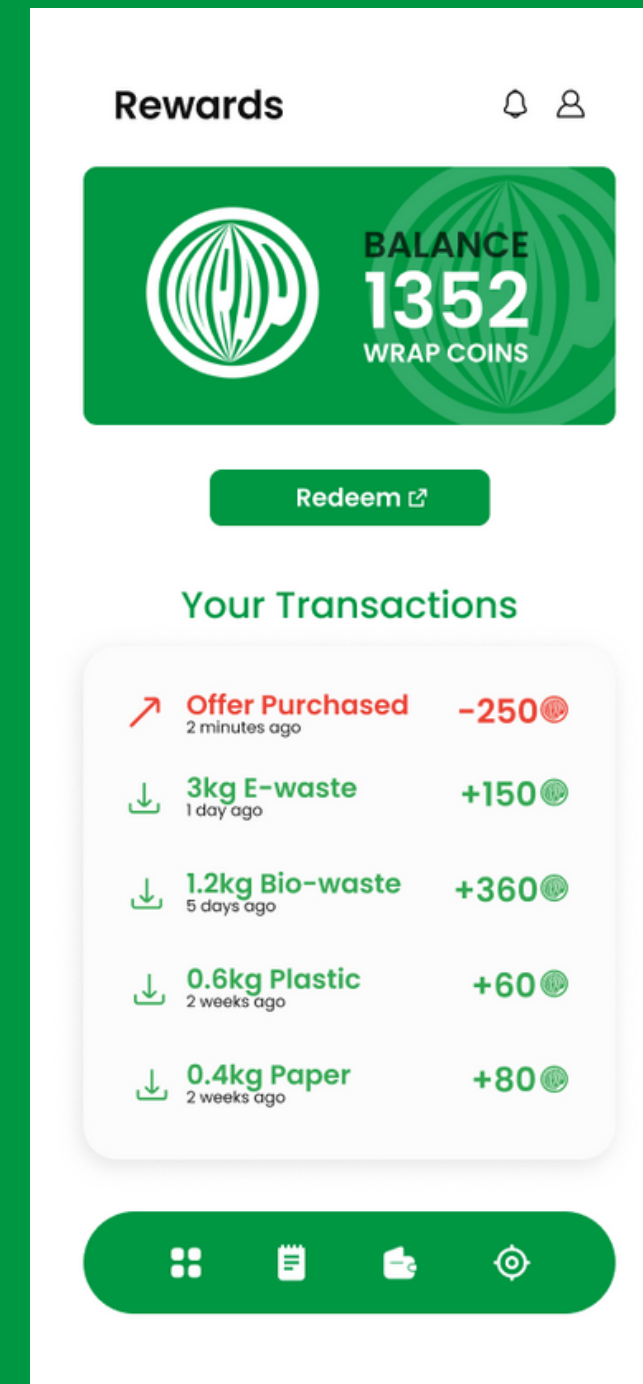
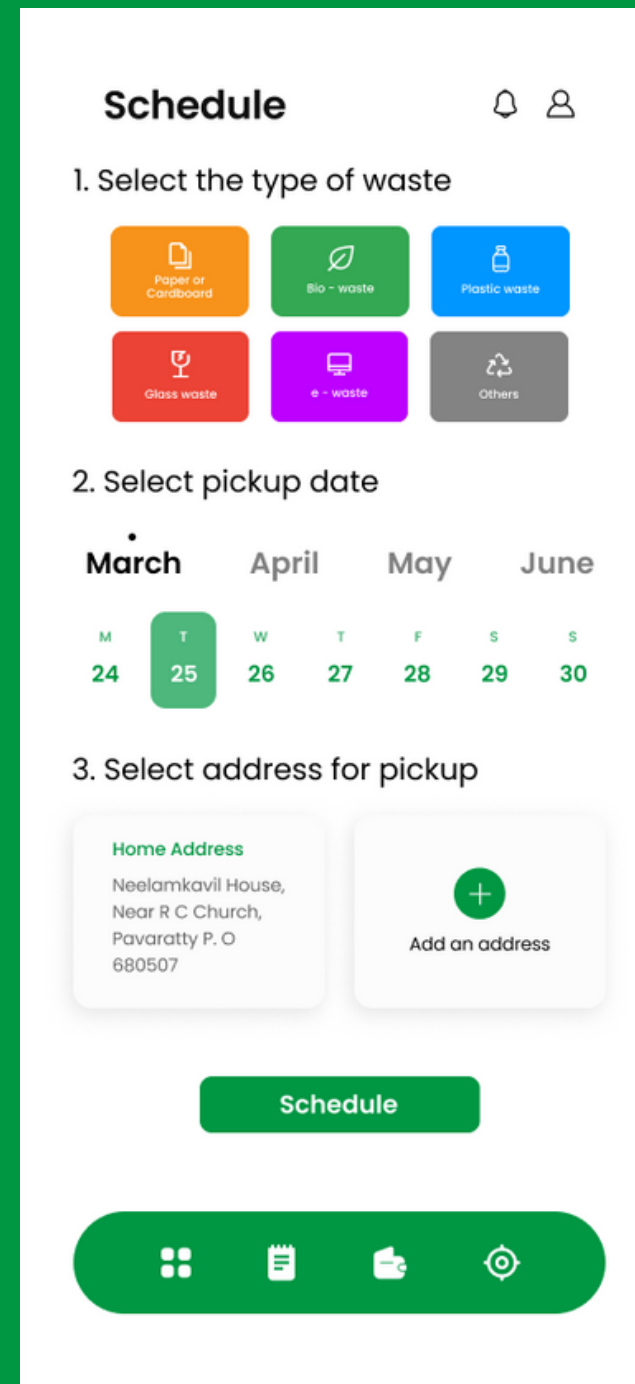
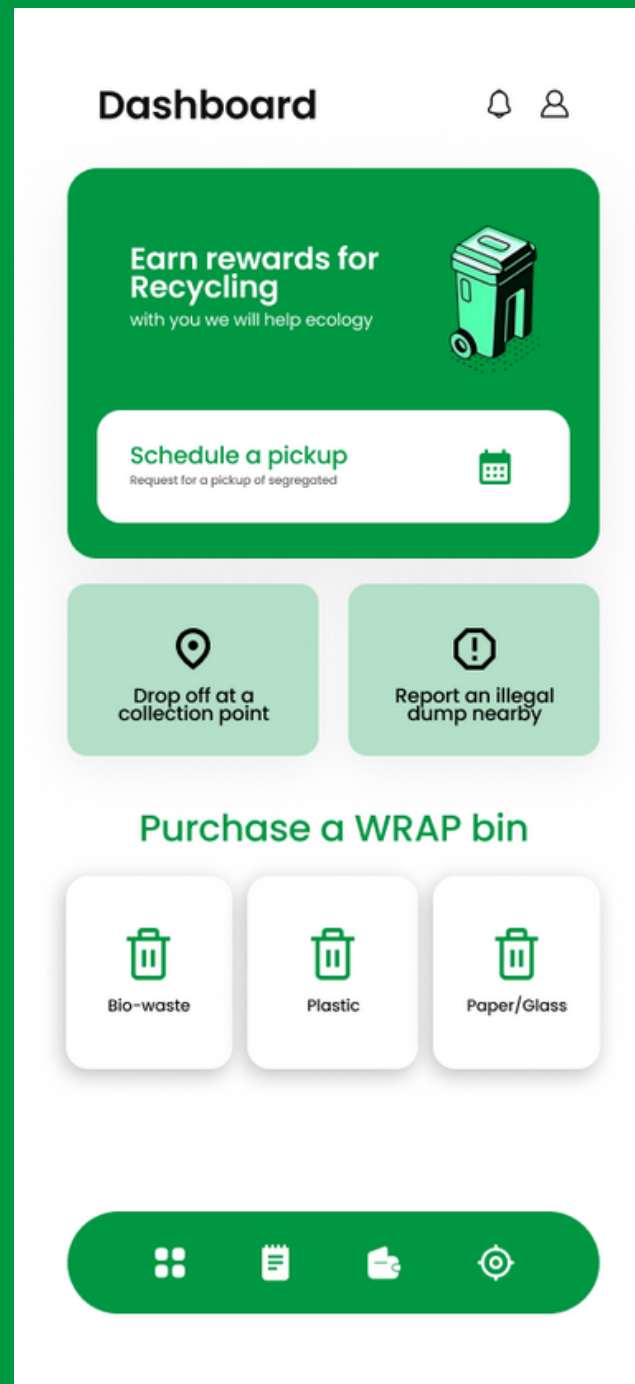
DATA FLOW DIAGRAM



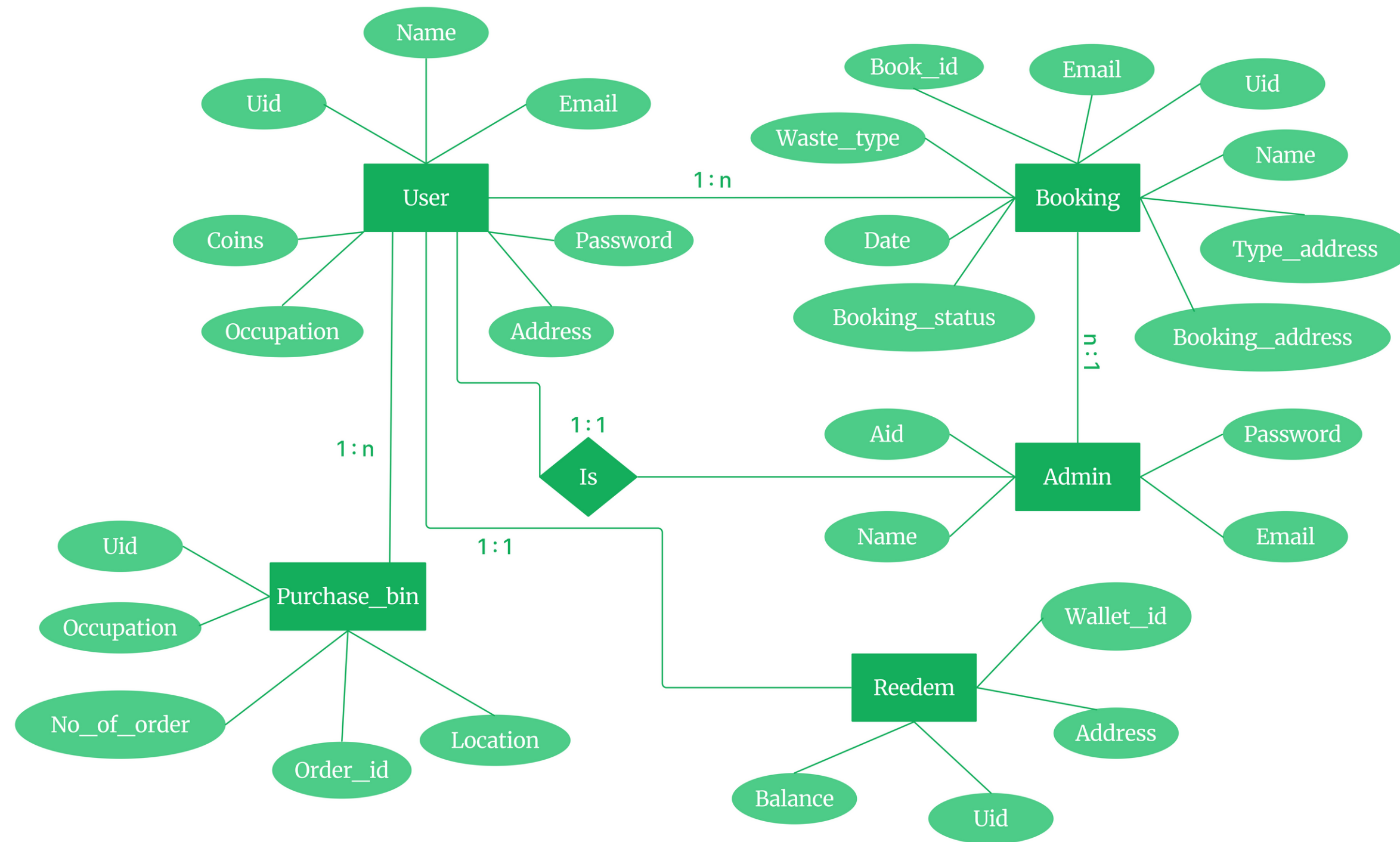
UI DESIGN



UI DESIGN



ER DIAGRAM



TECHNOLOGY STACKS



Github Links:

github.com/Amal070146/Wrap-mobile-app

github.com/Amal070146/WRAP-Waste-Management-App

CONCLUSION

- Easy waste management
- Cost efficient
- Environmental friendly
- Easy to use

TEAM MEMBERS



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Frontend Developer



Enric S Neelamkavil

Designer



Amal C P

Backend Developer



Vaishnav M J

App Developer

THANK YOU