

What is the

App's Objective/s?

- To develop a Java-based prototype
 application that encourages environmentally responsible behavior by rewarding users for reducing plastic waste, especially from branded packaging.
- The app aims to combine QR scanning technology, gamified tracking, and localized content to make sustainability more engaging, personal, and actionable for everyday users.

Motivation:

-Which challenge prompted the development of this solution?

Plastic waste continues to flood our communities, especially from frequently used products like canned drinks and food.

From personal volunteering experience, we witnessed that the majority of waste came from the same consumer brands.

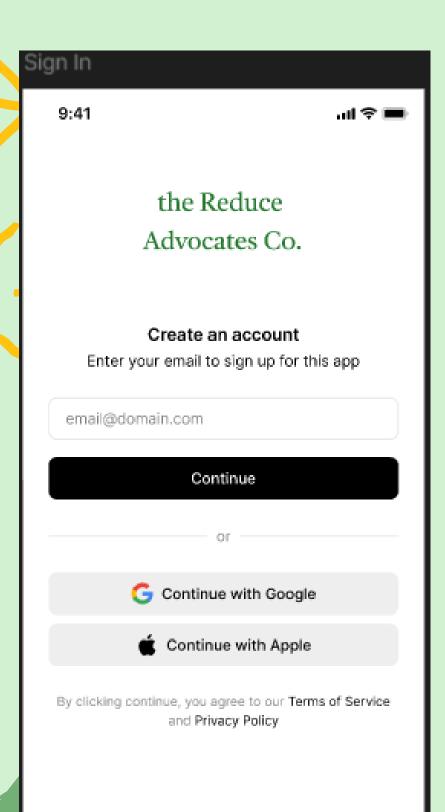
Despite awareness campaigns, many people still lack motivation to reduce, reuse, and recycle.

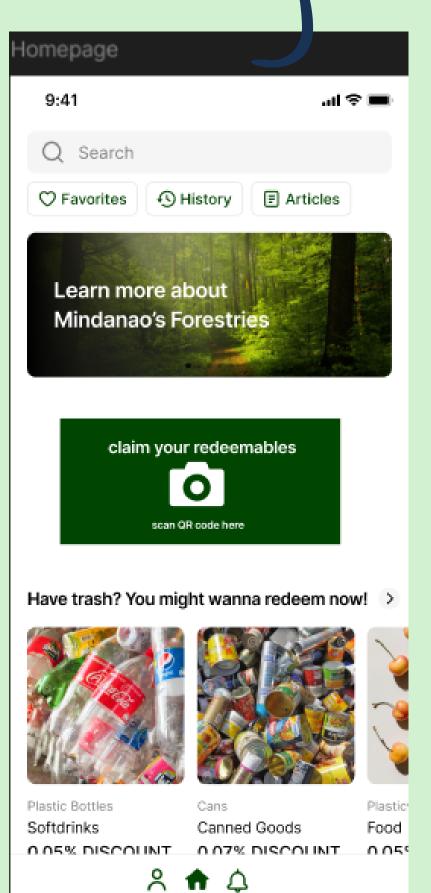
The problem: How do we make sustainability personal, actionable, and rewarding?

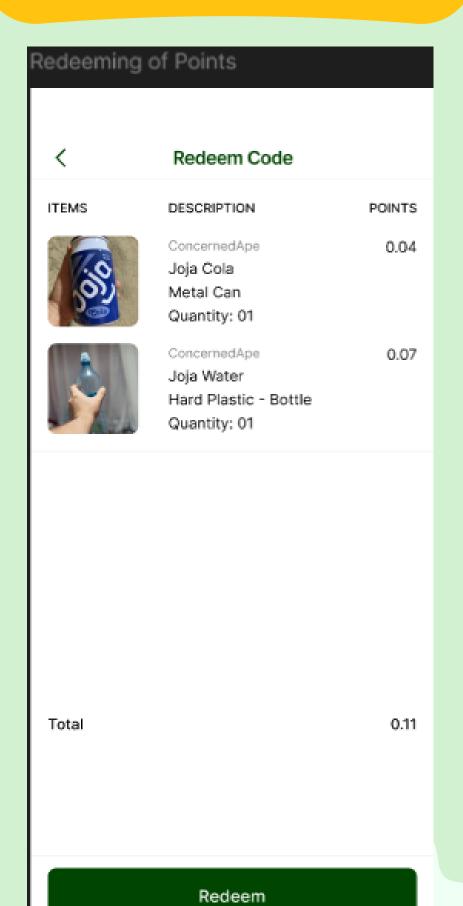


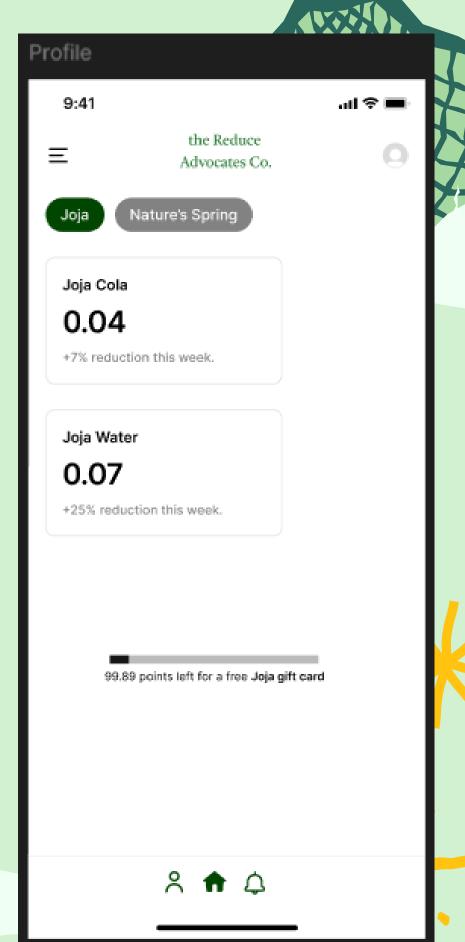


Vesian The Prototype



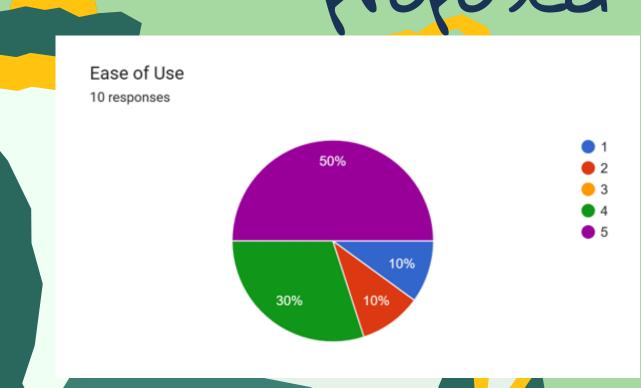


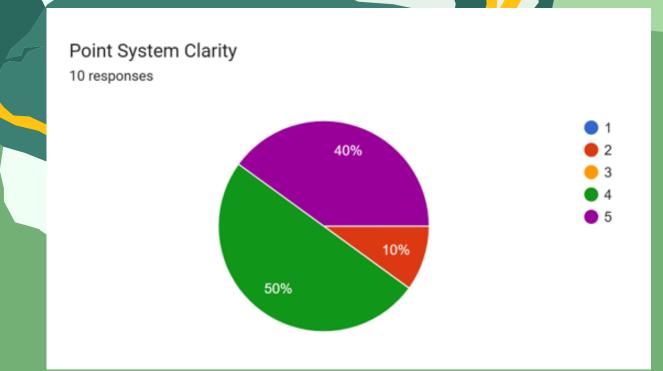


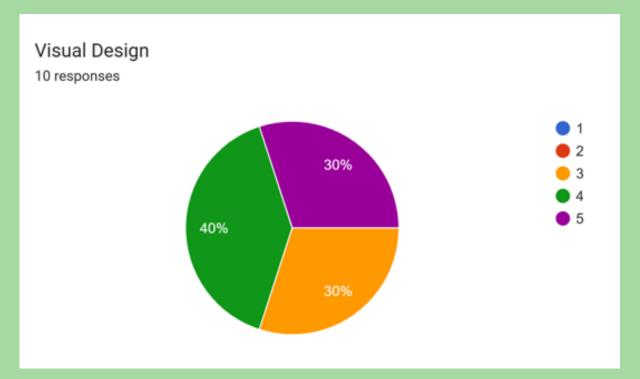


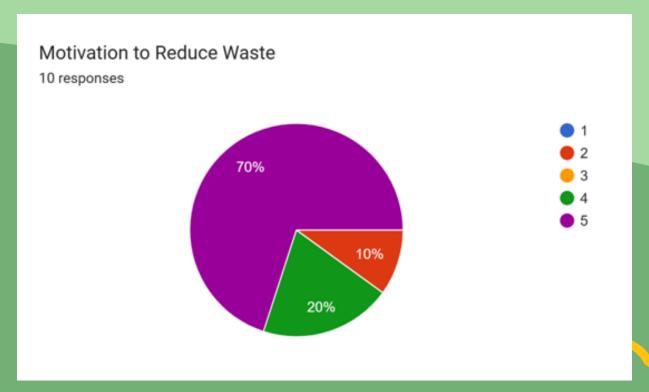
Responses and Evaluation

What form does your proposed solution take?



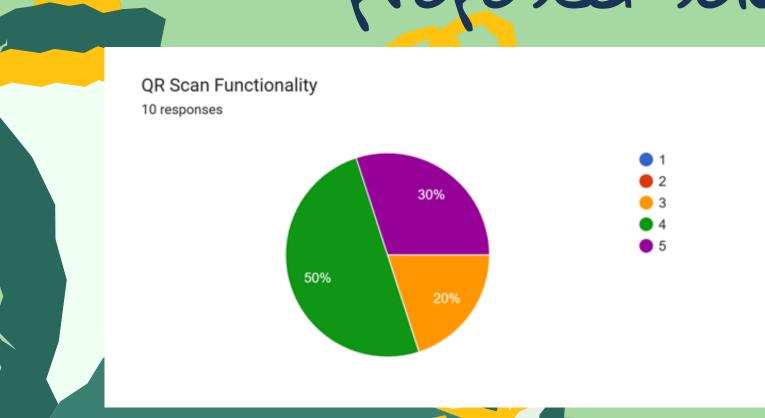


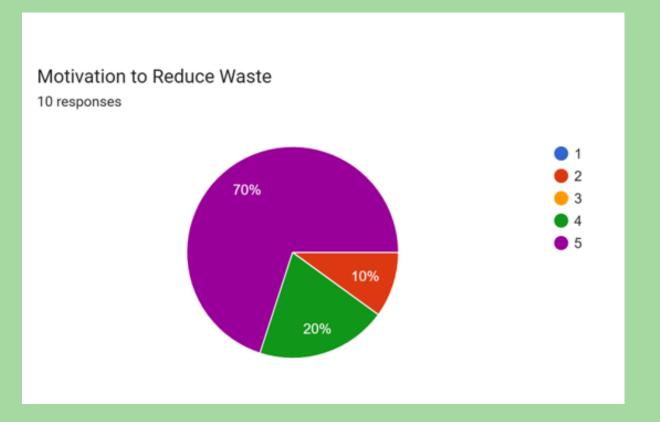


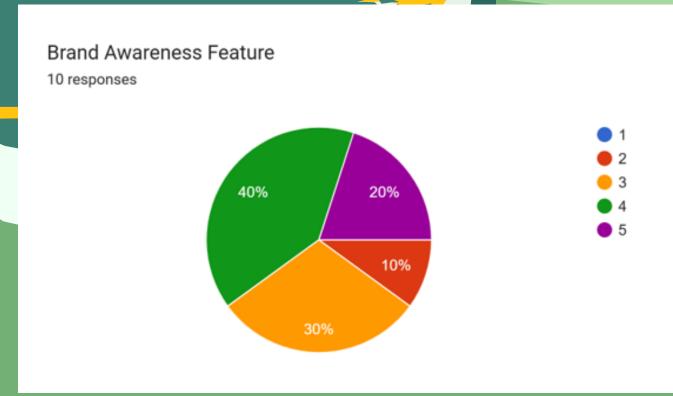


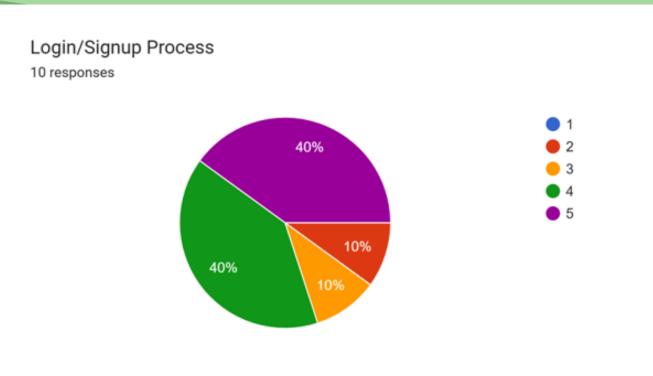
Responses and Evaluation

What form does your proposed solution take?



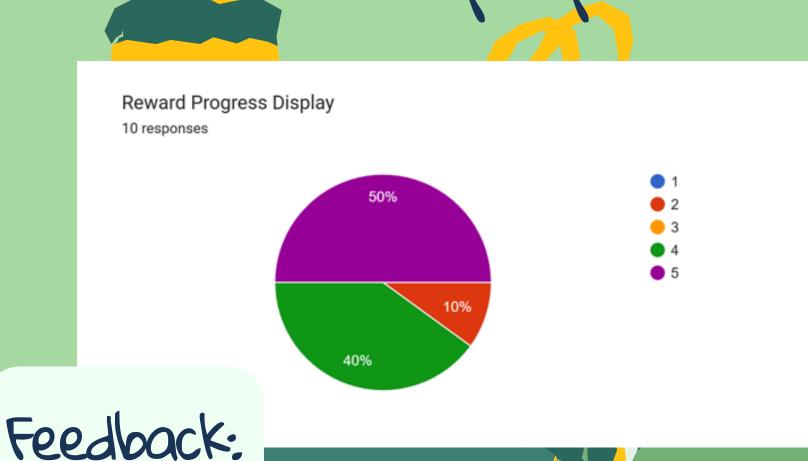


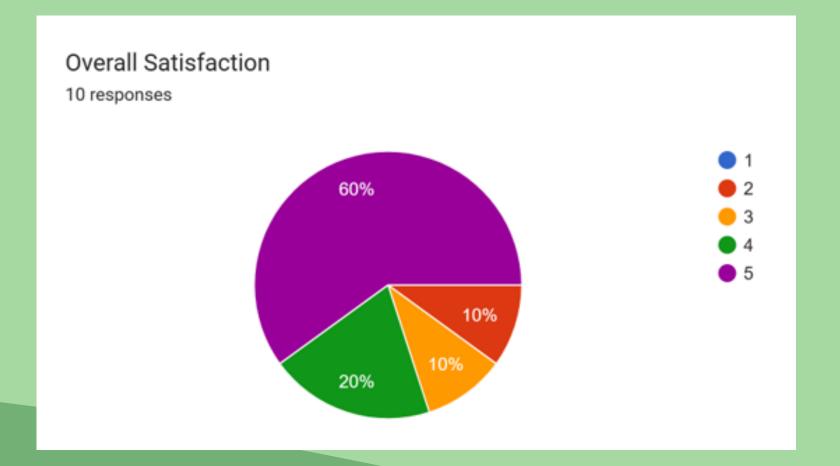




Responses and Evaluation

What form does your proposed solution take?





- "Preface seems user friendly. Though I'd love to see a leaderboard (for competitive people such as I)"
- "It would be good to add dark mode"
- "Good" as said by 2 of my respondents.



