

# Problem Statement

To develop a user-friendly digital platform that educates and guides users in adopting sustainable living practices. This includes providing information on energy conservation, waste reduction, and eco-friendly alternatives, as well as tools for tracking progress and accessing relevant news and updates.



# Green Life Hub



## News Feeding

News feed section displaying relevant articles, reminders, and solutions related to sustainable living.



## Resources Consumption

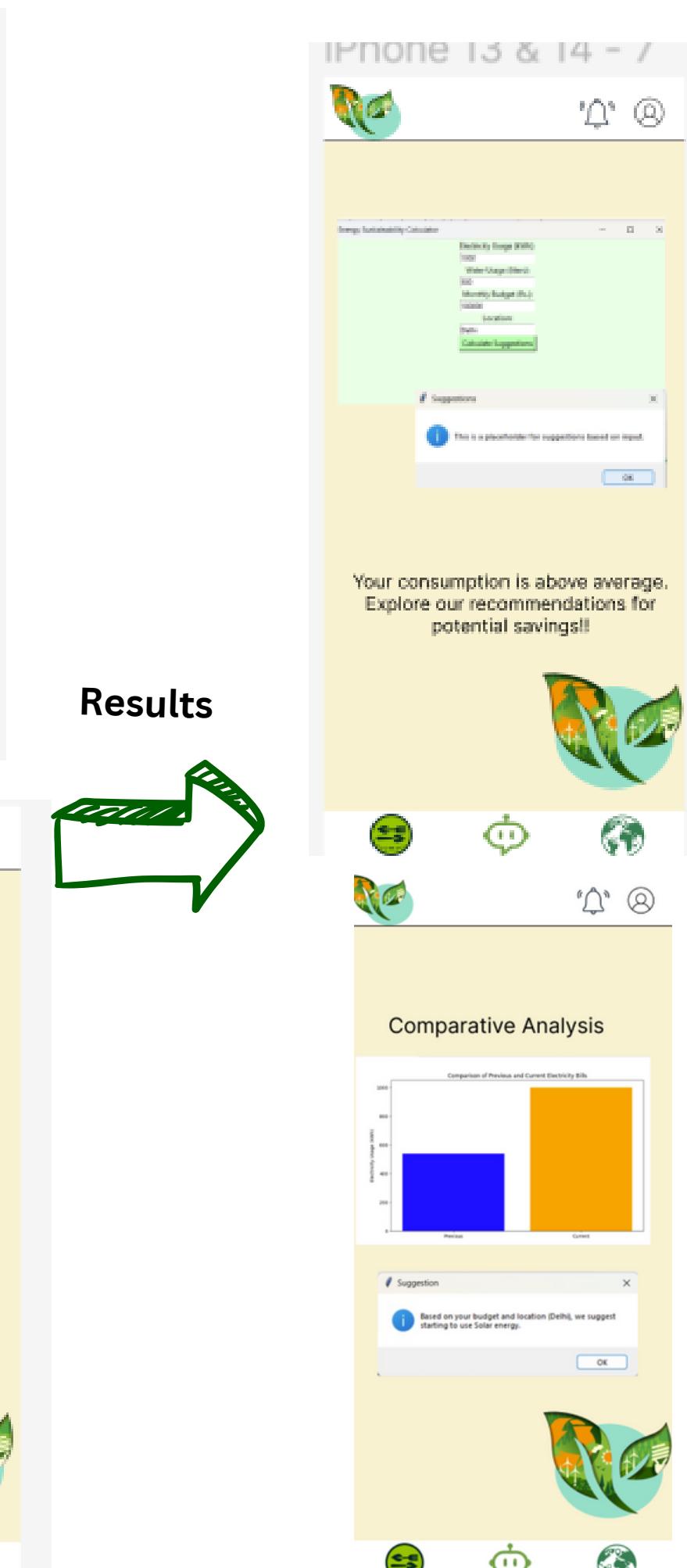
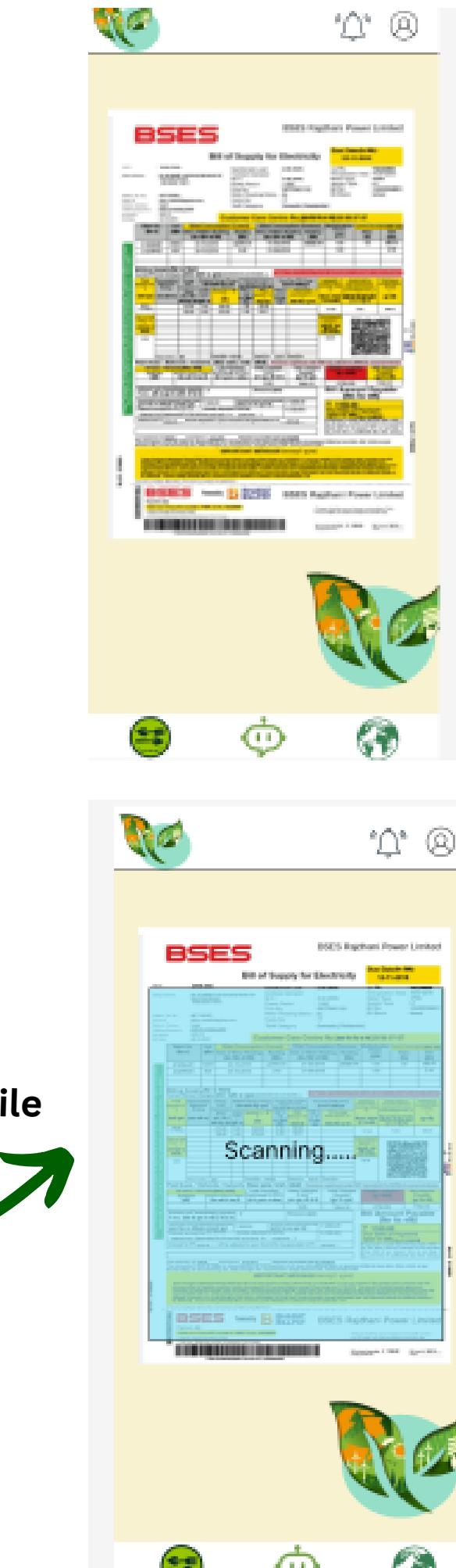
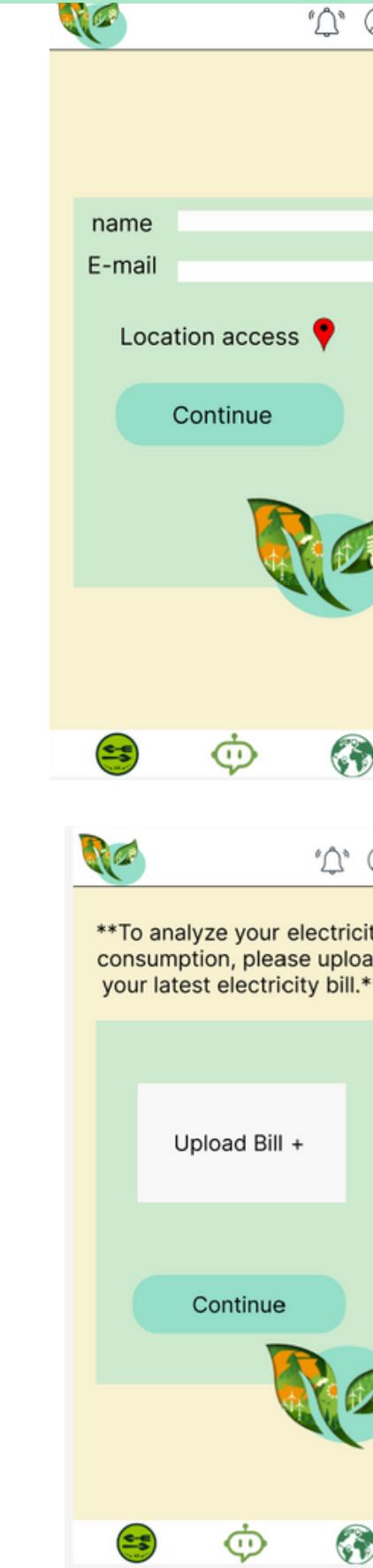
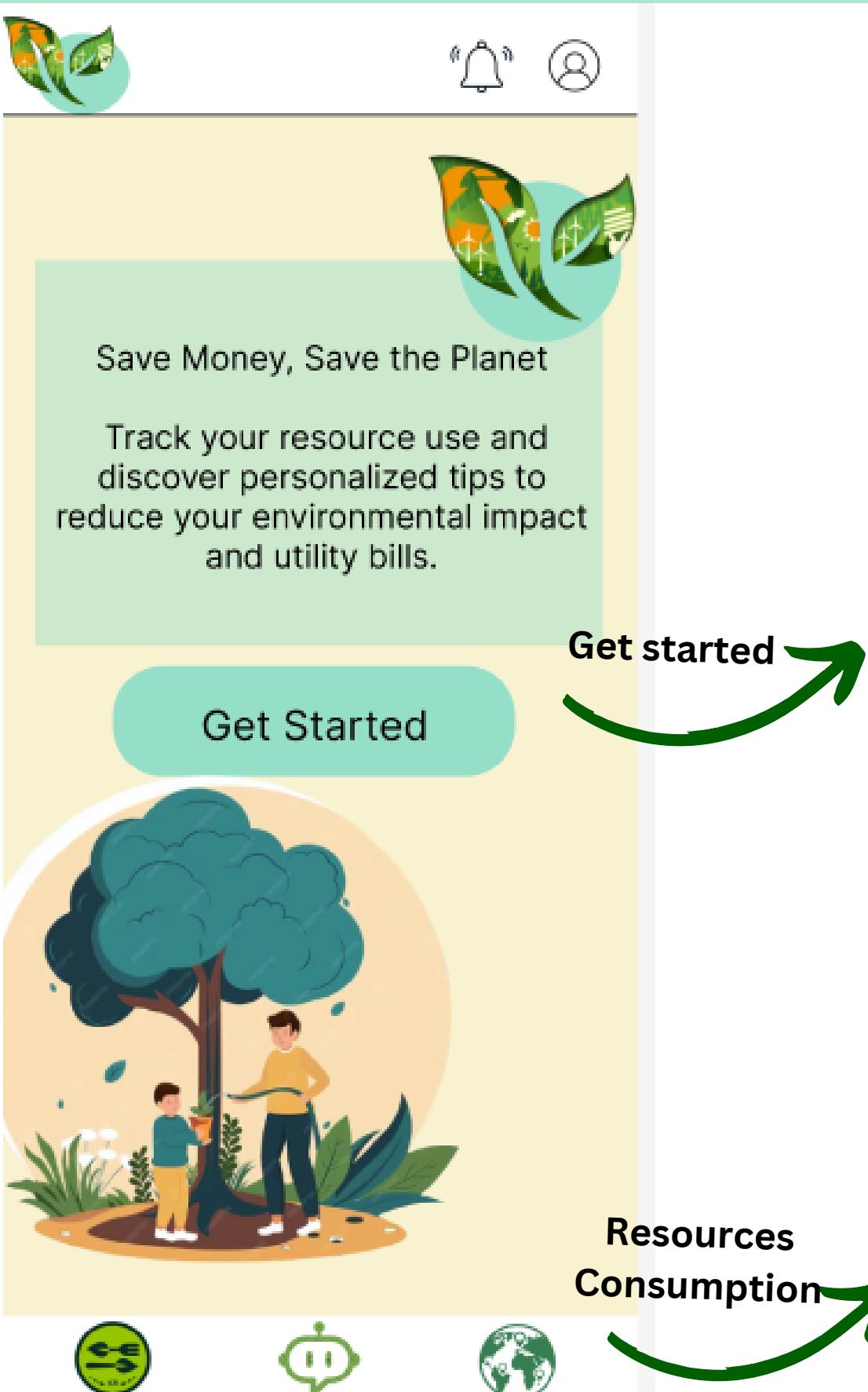
A section for users to track their resource consumption, cost savings, and environmental impact.



## Food Disposal

A section dedicated to food disposal techniques, including composting and waste reduction tips.

# Prototype



Results

Resources Consumption

Uploading file

# Platform Features



User Dashboard for tracking resource consumption, cost savings, and environmental impact.

News Section for relevant articles, reminders, and solutions related to sustainable living.



Food Disposal Section for composting and waste reduction tips.



# Implementation

## Resources Consumption machine learning model

A Resources Consumption machine learning model is designed to analyze and predict the usage of resources such as energy, water, or materials based on historical data and various contextual factors

## New Recommendation System

A New Recommendation System is a technology that employs algorithms to provide personalized suggestions or recommendations to users

## Food Consumption Model

Food Consumption Model is a predictive tool that uses data analysis and statistical techniques to forecast food consumption patterns within a given population or context.

## **Research and analysis**

### **Budget Consideration**



### **Location Consideration**



### **Data-Driven Analysis**



# Benefits

- **User Empowerment:**

Provides users with knowledge and tools to make informed decisions about sustainable living practices.

- **Resource Conservation:**

Helps users track and manage their resource consumption, leading to reduced waste and more efficient use of resources.

- **Waste Reduction:**

Offers guidance on waste reduction techniques such as composting, recycling, and mindful consumption.

Thank You

