

Carbon Footprint Tracking Application

Wireframe Documentation

Vinay Kumar Satrasala, Mohammed Shahad

September 3, 2024

1 Introduction

This document describes the wireframe for a web application aimed at tracking and analyzing user data. The wireframe outlines the primary user flow, including login, sign-up, data entry, and dashboard features.

2 Wireframe Description

- **Frame 1 (Login Page):** Users can log in using their email and password. There is also a link to the sign-up page for new users.
- **Frame 2 (Sign-Up Page):** New users can create an account by providing personal details. This page links back to the login page for returning users.
- **Frame 3 (Monthly Report Page):** Displays a monthly report with a bar chart and a pie chart for August. The bar chart represents total carbon emissions, while the pie chart breaks down the emissions by source.
- **Frame 4 (Dashboard):** The main dashboard provides an overview of the user's data with visual representations, including a bar chart for carbon emissions and sections for "Improvement in" and "Analytics."
- **Frame 5 (Input Forms for Data Entry):** This section includes forms for entering data related to electricity and travel. It is designed to collect specific details from the user.
- **Frame 6 (Consumption Details Entry):** Users can enter various types of consumption data in a consolidated form, including electricity, water, dietary habits, and travel.
- **Frame 7 (Overall Statistics and Analytics):** Provides a summary of the user's progress and detailed analytics. Users can navigate through different data sections.

3 Wireframe Diagram

The wireframe is illustrated below:

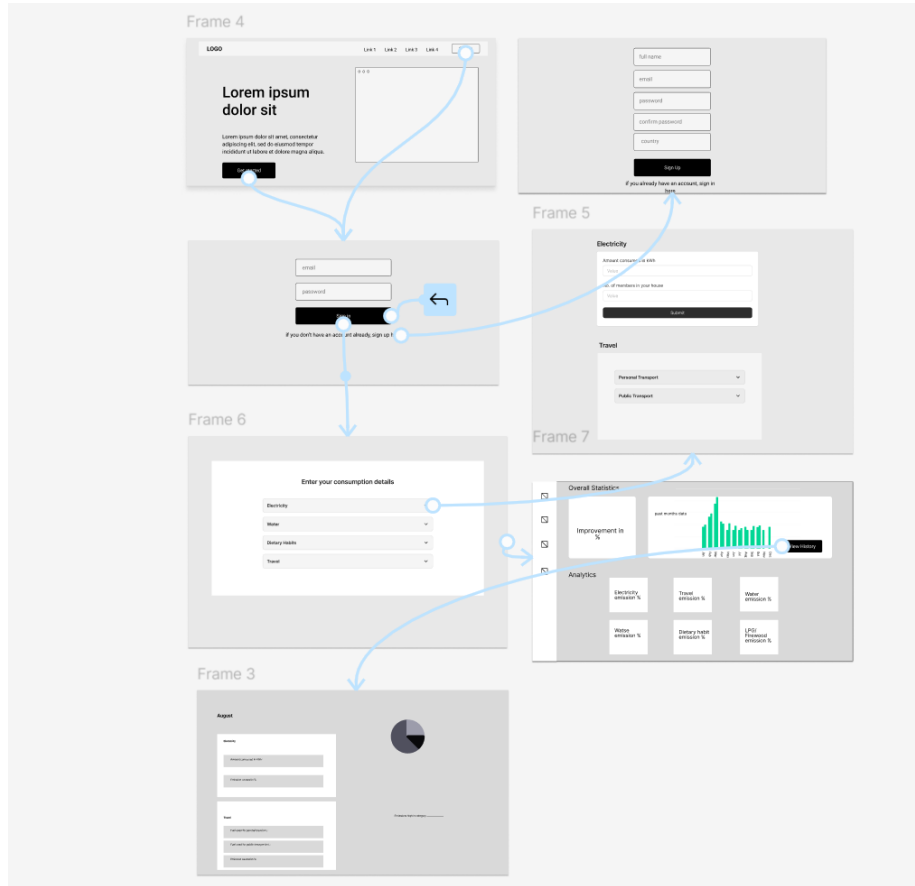


Figure 1: Wireframe of the User Flow

4 Conclusion

This wireframe serves as a blueprint for the design and development of the web application. It outlines the key screens and user interactions, ensuring that all essential elements are included in the final product.