

# Product Requirements Document (PRD)

## 1. Overview

- **Product Name:** Climate Action App
- **Objective:** A mobile application that helps users track their carbon footprint, stay updated with climate news, and receive eco-friendly tips.

## 2. Goals and Objectives

- **Goal 1:** Help users reduce their carbon footprint by providing actionable insights and eco-friendly tips.
- **Goal 2:** Increase awareness of climate change through real-time news and alerts.

## 3. Target Audience

- **Audience 1:** Environmentally-conscious individuals who want to track and reduce their carbon footprint.
- **Audience 2:** General public seeking awareness about climate change and sustainable living practices.

## 4. Features

- **User Account Management:** Users can create accounts, log in, and manage their profiles.
- **Carbon Footprint Tracker:** Users can log their activities (transportation, energy use, etc.) to calculate their carbon footprint.
- **Climate News:** Users receive real-time news about climate change.
- **Eco-Friendly Tips:** Users receive personalized tips on reducing their environmental impact.
- **Notifications:** Push notifications for climate news and tips.

## 5. Requirements

- **Functional Requirements:**
  1. Users should be able to log in/sign up using email.
  2. The app should track the user's carbon footprint based on their activity input.
  3. Display climate-related news with links to full articles.
  4. Provide tips that change based on the user's location.
- **Non-Functional Requirements:**
  1. The app should be available on both Android and iOS.
  2. The app should have an intuitive and user-friendly interface.
  3. The system should handle 10,000 concurrent users.