

1. Team 5 Recitation 15

2. Team Name:

Team Sustainabuddies

3. Team Members:

Name	Email	Github username
Joe Powers	adpo8905@colorado.edu	JoePowers5
Ethan Nguyen	etng4880@colorado.edu	enguy3n
Ian Keeler	iake8965@colorado.edu	IanKeeler
Ben Gardner	bega4663@colorado.edu	5pointr
Dayn Reoh	dare3259@colorado.edu	daynreoh

4. Application Name:

SustainABuddy
SustainAbuddy
Sustainabuddy
Sustain-a-buddy
Sustaina-Buddy
SustainaBuddy
EcoBuddy
CarbonSmart
GreenChallenge ←
EcoBattle

5. Application Description:

Description:

Allow users to track their carbon emissions footprint through several modes: travel emissions, electricity use, and freight emissions for delivered products. The user will be able to enter their desired travel route and mode of transportation, electricity use, or product delivery route and weight, and get an estimate of the carbon footprint of that activity as well as alternative choices that could reduce the emissions.

Users will also be able to enter the above activities as already completed and the application will track their carbon emissions footprint over time. The application will then give the user a graphical representation of their emissions over time that can be compared to other users and receive suggestions to reduce it.

6. Vision Statement:

To promote sustainability efforts and normalize everyday carbon reduction by competing with friends, tracking individual carbon footprints, and offering ways to reduce everyday consumption inside our web application.

7. Version Control:

<https://github.com/lanKeeler/RECITATION-15-TEAM-5-GroupFinal>

8. Development Methodology:

We will use Agile methodology. We plan to meet and have one person write down the notes in the meeting then have everyone work separately then meet back up using our epic, user stories, and user points in order to track progress. Requirements were added to the Git repo.

9: Communication Plan:

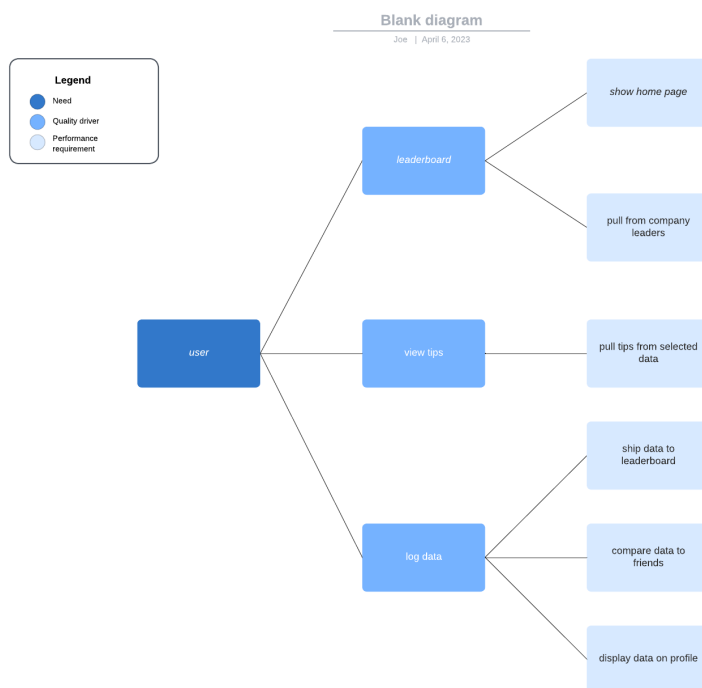
We plan to use discord as well as group text and meet at least once a week to work together that fits with all of our schedules and meet online or in person if we need to.

10. Meeting Plan

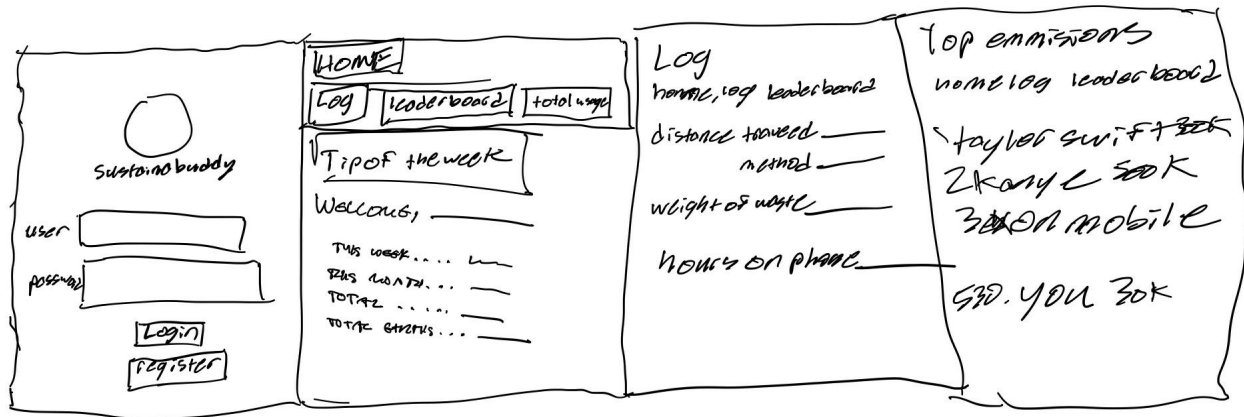
Team Meeting: In person meeting tuesday 1230-3 and discord meetings later at night

Weekly meeting with TA: You will also mention the meeting day, time and location (physical or online) for the weekly meeting with your TA here.

11. Use Case Diagram



12. Wireframes



Requirements:

- ☒ Login Page
- ☒ Registration page
- ☒ Home-page
- ☒ Server (UI communication with database)
- ☒ Database
- ☒ Passwords
- ☒ Session Management
- ☒ Docker build