

Video Link: <https://www.youtube.com/watch?v=leQMLXF0oS0>

Home Page:

The home page contains posts of the user's analytics and tips, as well as other users posts, in doing so, this creates a community of like minded people wanting to reduce their carbon emissions. For better usability and navigation, we have added tabs to divide the home feed into categories of the posts and tips.

There is a bottom navigation bar that is shown across all pages that show only the most important destinations; Home, Calculator, Profile and Notifications.

Under the "Post" tab, this is where you can find other users share their posts and their analytics of their carbon usage.

Under the "Tips" tab, this is where you can find the other tips shared by users and on how to reduce your carbon footprint and plastic usage. Users can also rate the tip out of 5 stars according to whether it worked for them or not, this helps users know what tips are helpful.

There is a "Search" icon located at the top left corner to aid in improving the user experience. By doing so, the user can find what they are looking for much faster.

There is a "Hamburger Menu" icon located at the top right for additional navigation across the app that the bottom navigation bar might not have met e.g., "finding the calculator". The "Hamburger Menu" stores additional services that the user needs such as Profile Settings where they can edit personal data, this is where they can view & edit it - e.g. name, location, other social media, linked accounts and also preset data. Preset data: Is data that can be stored for the calculator so the user need not re-enter every time. e.g. Car model, public transport use, etc. FAQ/Help is also located under here for additional support for the user to navigate through the application. About us, will give context to the user about the purpose of the application. Additionally, we added a Contact Us where they can share any of their concerns about the application.

Calculator:

The calculator is separated into six categories that we found were most important to track for carbon emissions. In the calculator, in each category there are forms which the user fills in so they can accurately calculate their carbon usage and will be added to that day. After it has been calculated, the user can choose to also share their results to their feed.

We understood that filling out some of these forms can be time consuming therefore we added a feature in the side Menu under the “Profile Settings” where they can set their presets.

Profile:

In the profile page, this where the user can view their progress towards reducing their carbon emissions and posts and tips they have shared. We have added navigational tabs that separates the users analytics and the users saved tips that they found helpful.

Under the “Analytics” page, this is where the user can see a visual overview of their carbon usage separated into categories in which they can choose to share their results to there feed or to other external sources.

There is also a calendar tool so the user can view and compare their from previous days.

Under the “Saved” page, this is where the user can find their saved tips that they might want to try out.

Notifications:

We separated the notifications in 2 categories because they have different functionalities, “Community” and “You”.

Under “Community” page this is where the user can view what other people are liking and what tips they are rating. By incorporating this feature, it helps encourages people to be motivated in their goals of reducing their carbon emissions.

Under “You” page this is where user gets notifications regarding their own posts and tips. They can see who have liked their posts and how many stars their tips have been rated.