

1. Separate fields for new users and individuals who already have an account at the login page  
This reduces the effort of the users as users are instantly sorted into new users and those who already have an account. This approach requires less thought from the users and is thus better received.

2. Weekly Emissions Tracker

The weekly emissions tracker appears on all pages (except for the rewards page where points instead of carbon emissions are shown). This provides a form of consistency across the pages where components like the weekly emissions tracker are predictable and comprehensible. This feature also serves as a constant reminder to the users on their carbon footprint. This might encourage users to hit their weekly emission goals and reduce their carbon emissions by choosing more eco-friendly transport options. The car icon moving from left to right also conforms with the intuitive left-to-right direction.

3. Icons are used to represent transport options instead of words

In the 'Main Menu', 'Routes Recommendation' and 'Travel History' page, icons are used to represent various transport options (bus, train, car etc) instead of words. Recognising that being environmentally conscious is everyone's responsibility, we hope that this application will not only be used by people who speak the same language as the app developers. By using icons instead of words, this application is not strictly language-dependent, making it more user-friendly for users who do not speak English to use the app.

4. Rewards that are redeemed next by users are shown on the front page of the rewards page

Understanding that the users would be more interested in what rewards they can achieve in the near future, we have employed visual hierarchy and designed for the rewards that can be achieved with points that are closer to the user's current points on the front page of the rewards page. As it occupies a large proportion of the front page, its visual prominence is a testament to its importance. Circumventing the need to click on additional icons, users have easy access to important information as such.

5. Feedback is given to users when they have completed their trip.

Upon arriving at the location, a pop-up in the center of the screen alerts users to the relevant metrics of their trip. Specifically, the bar which users are used to looking at throughout our app is now visually adjusted to easily indicate to the user how much carbon "budget" they have left.

Task 1: Make a new account

Feedback	Amendment	Use Case
Create account button is too small, making it hard to find	Made the create account button bigger	Users who need to create their account can now do so with ease without having to spend time looking for the button. This is particularly important for new users who are viewing the interface for the first time.
User is unsure about what 'vehicle make' is	Possible UI/UX design/typo error. Corrected "Vehicle make" to "Vehicle number".	Users now know that the particular field is meant for filling in their car plate number. This is for the ease of tracking and categorizing our registered users.
Users are unsure about what	Added asterisks next to fields	Users experience enhanced clarity

fields they should fill up and if all fields are compulsory	that are compulsory. 'Vehicle make', 'Vehicle model' and 'Engine type' only show up when the 'I have a vehicle' option is checked.	when determining which fields to complete, as the inclusion of optional fields empowers them to exercise informed consent regarding their information, thereby upholding principles of transparency and privacy.
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Task 2: See what rewards are available based on the points you have at the moment

Feedback	Amendment	Use Case
Users feedbacked that the company name of the rewards can be hard to see.	Made the company name bigger	Facilitate seamless navigation for users to explore various brand options, enabling them to confidently select their preferred rewards. This approach not only amplifies brand promotion but also fosters heightened levels of loyalty among users.
Some rewards that are not giveaways (lucky draws/mileage points) do not include the company name. Users feedback that they prefer to have the company name shown so as to know who is giving away the prize.	Added the company names for all rewards shown on the rewards page.	By showcasing various brands and their rewards in a user-friendly manner, the platform also serves as a promotional tool for participating brands. This exposure can help increase brand awareness and encourage users to interact with brands they may not have otherwise considered.  This also helps for transparency, so users are fully aware of the sponsor of the prize in addition to what the prize is.

Task 3: Try going on a trip to buona vista mrt via the most eco-friendly route

Feedback	Amendment	Use Case
Users find that the close button is hard to find on the screen.	Changed the 'close' button to an 'X' button	Using icon allows it to be more intuitive to exit the navigation page

Figma Link for Prototype:

<https://www.figma.com/proto/cbTF4For6QTOhijyuucend/Carbon-Emission-Tracker?type=design&node-id=1-3&t=IOHEnBsE9pLD3EZg-1&scaling=scale-down&page-id=0%3A1&starting-point-node-id=1%3A3&mode=design>

Github Link:

<https://github.com/ChristabelSeck/Milestone-Submission>