CS345 A3 report UPI:Zli316

Gestalt Laws:

Similarity AND Proximity:

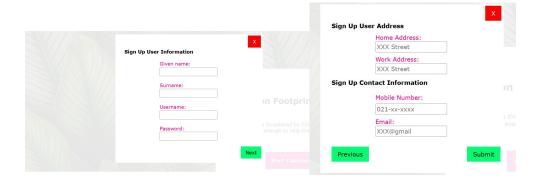


Here, I set the distance of the function buttons in the navigation bar to be close to each other. This way, these elements are considered as a group. Grouping related elements in the interface, such as navigation items or related controls, helps users find the functionality they need quickly and reduces the possibility of confusion and misuse. In addition, I use the same color and font for all navigation bar options, Also the registration buttons are distinguished so that the three selection elements in the navigation bar are considered as a group. At the same time, the transparency of the navigation bar provides some visual continuity, allowing multiple pages to be viewed as the page is swiped.



Similarity is also used in the about us interface, with the same font size, color and dashed lines in the same color for all four section headings. This ensures that users can effectively identify the specific content of the relevant headings, reducing their cognitive effort.

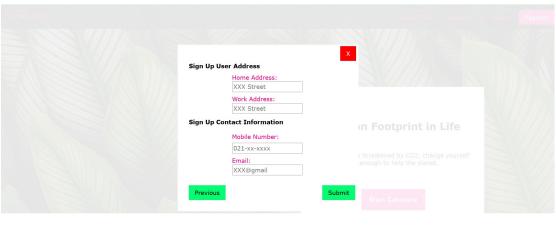
common fate law and Symmetry and order



In my general site, all content boxes are kept in motion together, including my navigation bar, which is set to stay up more as the page slides, and all material in my register is consistently aligned, ensuring that these elements are perceived as flowing in the same direction. The design adheres to the notion of common destiny, which argues that items moving or operating in the same direction appear to belong together.

At the same time, I added symmetry to my registration form, even though I only added one button at the bottom of my user information interface, which violates the principle of symmetry to some extent, I still tried to keep all the input boxes and buttons as consistent as possible to make the visual effect more compact.

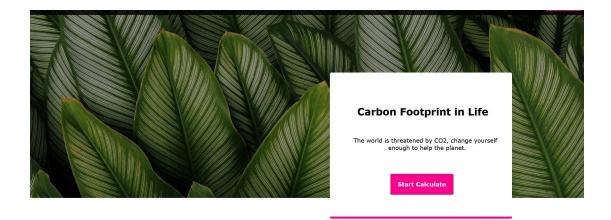
Figure ground Law



The registration form is set to have higher contrast and brightness. Here, the registration form is set as the focus (foreground) to distinguish the background with lower brightness and contrast, and appropriately attract users' attention. Users can accurately lock in the registration form content after clicking the registration button.

Design principles

Balance:

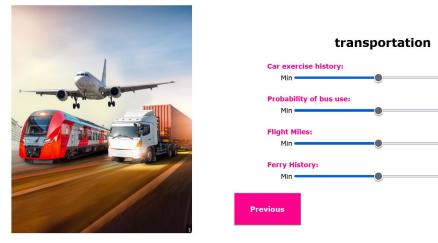


I used the Asymmetrical principle here, as you can see I placed the page title and the start button at the bottom right of the page, where these elements are arranged in an unbalanced but visually equal manner.

Max

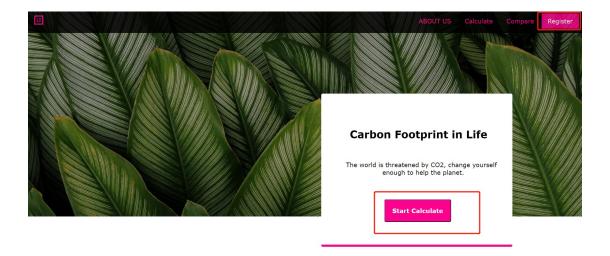
Max

Max



The picture components and data selection elements are symmetrically designed and uniformly arranged around the center axis to generate a mirrored effect in the computation interface. It exudes formal formality, stability, and order.

Emphasis:



Against the backdrop of global warming

Together with the community team, we are documenting and finding solutions to the climate in our normal habits.

Who We Are

We are dedicated employees, scientists and members advancing effective, lasting conservation efforts in more than 70 countries and territories. We are university student calculator majors from Auckland.

What We Do

To address the planetary crisis caused by climate change, we are researching and analyzing relevant data and developing new ideas for policies and agreements that can improve the world.

How to help

Changing small habits in your daily life can help make a positive difference on our planet. Join us to learn how you can reduce your carbon footprint and protect the environment!

Where We Work

In the deep sea, in the city, and in the sky my research involves directions as diverse as our strategic location, and we are right here in Auckland, New Zealand.

I increased the size of the headings and buttons across the web content design. The headlines emphasize the page's distinct and detailed topic to ensure that the user is immediately drawn in and knows where they are. The larger buttons also highlight where the user should begin if they want to proceed to the following phase. Similarly, the registration button in the navigation bar has a different background color than the other content buttons, emphasizing to the user that the registration form should be clicked there to pop up, and when the registration form pops up, the other content screens become opaque, emphasizing the registration interface and drawing attention to the registration form.

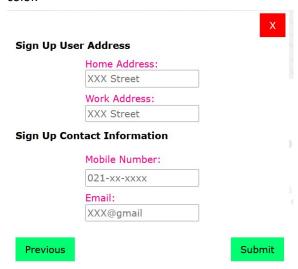
Unity:

The page demonstrates consistency through the use of colors, typefaces, and all content boxes (including the registration method) that are the same color and font to make it visually simpler for the user, while remaining appealing to the user and consistent with the site's design criteria.

Color:

The most commonly used color in the whole interface is black and white and my selected color (#fc008e), in all the content interface most of the interface color selected black and white with but in the need to highlight the key interface I often choose to use (#fc008e), because (#fc008e) in the overall interface in the highest contrast can often emphasize the focus, at the same time

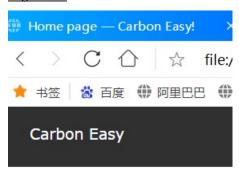
this key area at the same time use a color can also let the user perceive the web page brand color.



I also designed some functional colors in my registry for accessibility reasons, for example I designed the exit button x to be red, and next, previous and submit to be green. Here, I mainly set x to red, which is also a similar color to the color I selected, and red also gives a warning meaning and represents the exit button I designed. The other colors in the registry I used are green, which is also the contrasting color of my selected color to form a sharp contrast effect, and green also represents the meaning of pass so that people can notice that the key is the page switch and submit.

Accessibility:

Page Title:



To boost user accessibility, I put the page name to the page's site tag, so that when visitors switch between pages, they can instantly lock my page logo and name back to my page.

Alt Text

I added alt text to all the images on the page so that users with impaired vision or when the image doesn't load can know what the original image represents.

Accessibility of Forms



I added tabs above all input boxes to make it easier and faster for users to understand what information they need to fill in, and I added clear descriptions of the user's contact and address fields to give the user a lot of recognition options rather than recall, reducing the burden associated with the user.

Web font size:

I used the same font size 16px for all the content fonts in the page. 16px size font is not so emphatic, but it is enough to provide the user with enough content to read the label 16px font size setting also prevents smaller fonts from possibly destroying the layout and visual balance of the page

reference:



https://www.ambius.com/learn/plant-doctor/ultimate-guides/all-you-need-to-know-about-calathea-plants/



https://dvdssalear.com/product_details/3339675.html



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https://www.bbcgoodfood.com/recipes/collection/easy-recipes



https://fonts.google.com/icons?selected=Material+Icons:calculate: &icon.query=Calculator, which is a substitution of the context of the con