

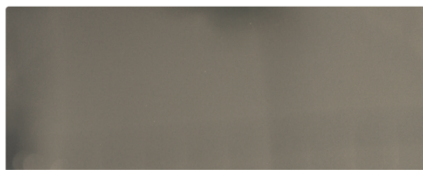
COMPSCI 345 High Fidelity Prototype Feature Report

My high-fidelity prototype centers around the color I was assigned (#F80000). This is evident in the navbar and footer, which are used to encapsulate the overall design and provide a sense of balance with color between the top and bottom. The navbar makes use of a few of the Gestalt principles. The similarity principle is used to group the navbar items, giving a sense that each navbar button is related and provides similar functionality. Balance is another aspect used in the navbar's design: the optical weight is evenly distributed throughout the left and right sides, with nothing in the center of the navbar providing a sense of balance throughout. The register button is given a different color to emphasize its importance and make it a "call-out" button.

The color of the navbar is made somewhat transparent for aesthetic purposes. For this reason, it has a rounded background that contrasts highly with the text color. I did this to ensure that the text stands out with the button appropriately. Initially, when the color wasn't made evident, it was visually jarring when observing the contrast between the red navbar and the white text. Hence, the color of the navbar was converted to RGBA instead of HEX, allowing transparency.

The home page, the concept of surroundedness is used to emphasize the main content. This is because there is white space surrounding each of the text and image components. The similarity principle is also used to align text components on each home page. This is used to provide a cohesive layout for each element that is part of each respective page. A blend of different font sizes is used for each of the various textual components of each of the pages. Most notably, for the title and subtitle, a different color is used altogether in addition to the larger font size. This is used to provide emphasis on the description and header of each of the pages. A few stock images are also added into each of the pages on the home page to fill up some of the visual space and aid in the symmetry of the overall page. The images are also placed on the pages to provide more visually exciting content. Each of the home page's text components is designed to have a good amount of contrast with the white background. This is to ensure that those who are visually impaired will still be able to read the text against the background. This is the primary reason I have opted for a white background and other similar light backgrounds throughout the website to provide a good amount of contrast between the text and the surrounding elements.

The registration form, as mentioned before, is given significant emphasis in the navbar by giving it a rounded white rectangle as a background. When the user clicks the register button, a modal menu appears. The registration modal contains three different sections used for different form entries, such as contact info, names, and address information. Each section of the form is given its own space and is aligned with each other, thereby adhering to the common fate principle. In this way, symmetry is also ensured, as all elements are aligned with each other, with none deviating too much from this alignment. The headings for each form section are also given a larger font size to make them stand out and provide emphasis. The proximity principle is used to group each of the different form entries, as there is the minimal spacing between each respective form entry. Between form sections, however, there is an amount of whitespace left to distinguish between each section more clearly. The registration modal's header uses the same color that the navbar and the footer use (a very similar one, at least). The custom color I have been assigned is a reddish one #F80000).



About Carbon Tiptoe

A Novel Approach to Tracking Carbon
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Carbon Tiptoe is an innovative Carbon Emissions calculator that

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We are always happy to answer any questions regarding our calculator. Please do not hesitate to contact us.

Carbon Tiptoe, 123 Queen Street, 1010 Auckland, NZ


You can also contact us by phone 123-456-7890 or email carbon@tiptoe.com, or you can send us a message here:

Name

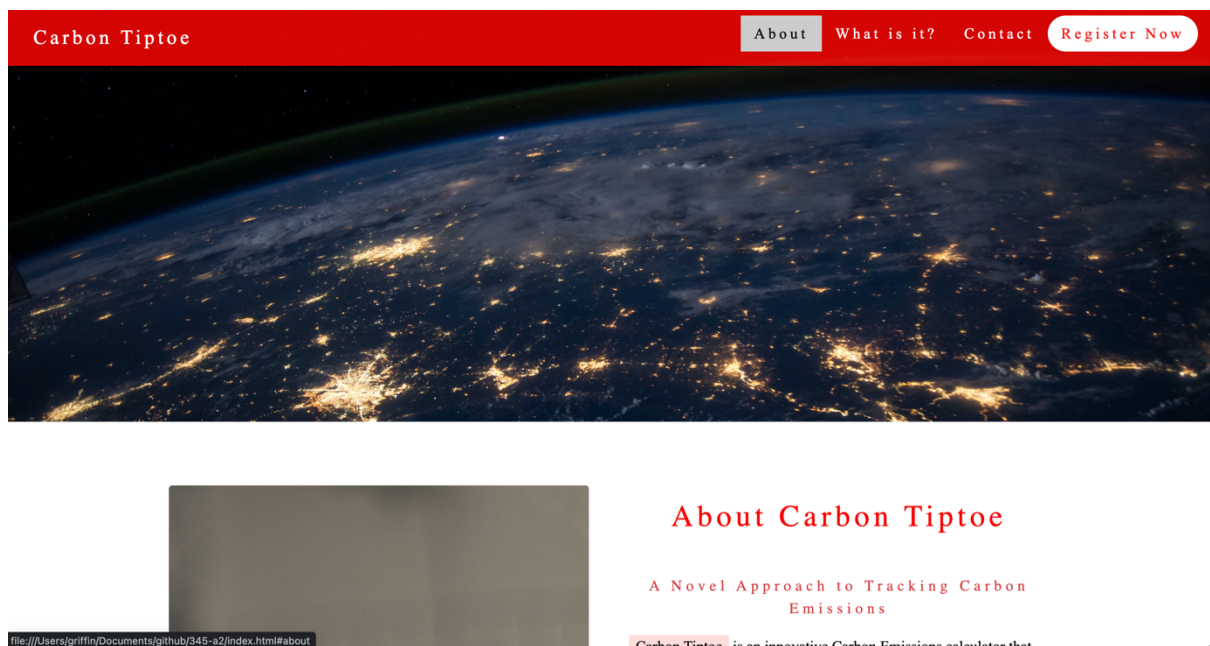
Subject

Message

SEND MESSAGE

A screenshot of a web registration form titled "Carbon Tiptoe Register". The form is set against a background of a night view of Earth from space. It contains three sections: "User Details" with fields for Name, Last name, Username, and Password; "Addresses" with fields for Home address and Work address; and "Contact Details" with a field for Mobile number. A "Register Now" button is visible in the top right corner.

The above images show the use of the custom color that I have been assigned throughout headers, footers, and text alike.



An example of hovering over a button: the color changes to provide visual feedback to the user.

The custom color that I have been assigned is used throughout the design, primarily in the titles of sections on the home page, as well as in the header/navbar and footer sections. A change in the background color of each of the buttons in the navbar and in the registration form is used to give the user more information about what they are currently hovering over. This provides an excellent visual indication of where the user is on the website. Each hovered button has a different color font that provides adequate contrast against the new background.