

Interface is Github's home page along with an example repository page in their default dark theme (www.github.com)

- Similarity

- Colour

- Since most of the home page is black, there is not much colour which will make certain elements similar. However, the left side as well as the profiles in the feed section have a lighter shade of black which allows similar elements to be grouped in those sections
- In the repo page, there are buttons like the “master”, “go to file”, “add file”, and more which utilize the same colour and are different to the rest of the elements which shows the user that they are similar - also in this page are any sort of clickable link which shows up as a blue colour (repo name, author, tags, etc)
- In both pages, the top nav bar has an even lighter black similar to a slate grey and this tells the user that all of these buttons that reside here are for navigating throughout the website
- In the repo page specifically, the bottom right section contains a lot of colour which showcases languages used in that project and is a nice way for users to quickly get that information since it is the only section with a lot of colour

- Size

- In the home page, we can see that the sizes of each feed element is uniform but something like the “Join GitHub Global Campus” element is bigger to show differentiation
- This is also present in the repo page but is done differently due to user decision - If the user has a lot of files in the repo, this rectangular region will grow vertically and this trait also carries over to the readme portion of the repo

- Proximity

- Home page has many signs of proximity such as the left side that contains all of the users recent repositories - these barely have whitespace to show the user that it all belongs together
- Home page also contains this proximity in the feed in which instead of whitespace, a faint line is used to separate activities
- In the repo page, proximity is used for each file/folder in the project which are tightly spaced together and only separated by a faint line
- Also in this page, the right side contains all key information about the repo and those elements are using combinations of a lot of whitespace and that same faint line for separation

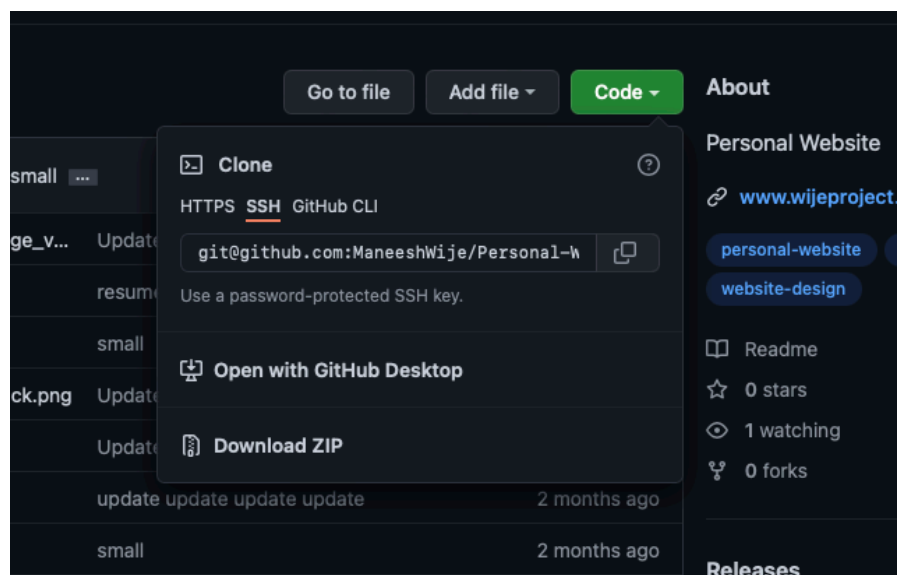
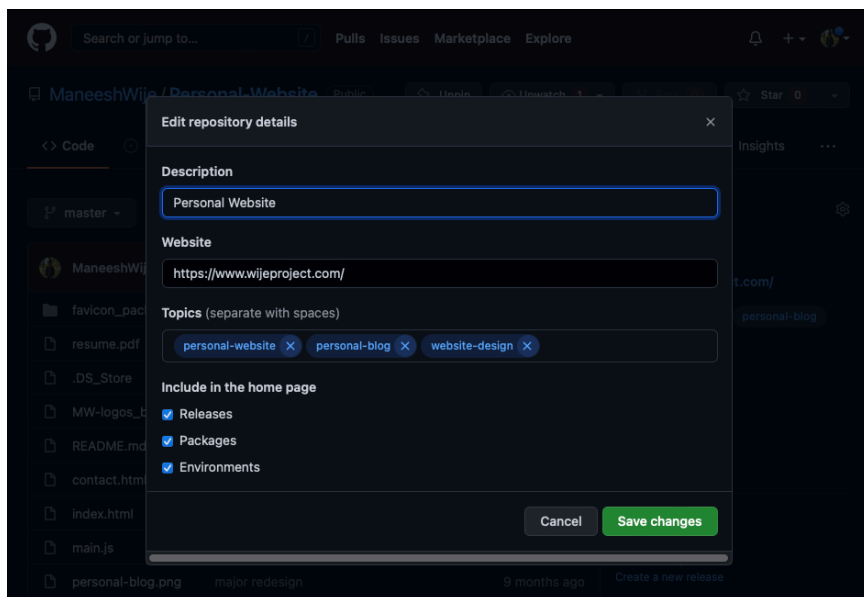
- Closure

- The GitHub logo itself uses contrast to draw out the mascot by having the white, but having the mascot white which simulates positive and negative space
- The “New” repo button coloured in green on the home page also uses closure in the logo of the button - this shape combined with the smaller shape protruding out of it looks like a book with a bookmark in it
- Looking into the repo page, there is not much closure happening as most of these logos are flattened out and have no negative space utilization - the closest thing to closure that we see is the language used section on the bottom right which uses different colours to showcase almost like a loading bar that adds up to 100%

- Figure-Ground

- In the home page, there exists the new repo green button which stands out from all of the other elements which shows effective contrast - because the only colours used in the site are black and grey, the green acts as a strengthening figure even though it is in the same category as blues and purples which are used to strengthen ground
- The repo page does the same thing with the green but now also uses various lines to showcase figure-ground - the main parts of the project like “Code”, “issues”, “Pull Request”, etc are all near the top and what separates it with the actual contents is whitespace and a faint line

- Overall, there is not much figure-ground with GitHub's website probably due to the fact that the people that are using it are developers who do not really care for that type of design
- **Continuation**
 - The repo page uses continuation very nicely in the bottom right for the languages used section - using the colours and the bar, our eyes seem to follow it to the end and it actually provides useful information about the project instead of being eye candy
 - In the main files section of the repo, continuation is used but in a more uniform manner since all files have the same distance between each other - because of this list view, we see it all the way down which is what continuation strives to do - this is also apparent in the home page where the recent repo section shows them as a list view that continues down vertically
- **Common Fate**
 - With Github's website, there is almost no common fate in action other than in the repo page where clicking the middle right settings icon, brings up a popup which darkens the backgrounds and puts the user into focus of changing the settings of the repo - this is done so the user can focus their attention for the task at hand
 - Another slight way they do this is when clicking on the green "Code" button, the new popup comes up but this time, uses a slight drop shadow and a lighter colour to make the user pay more attention to this rather than the background elements
 - (Screenshots below)



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