Programmable Usable Interfaces
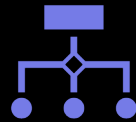
ASSIGNMENT 8: PORTFOLIO

Part 1: Description

The website that I was working on for was my portfolio and the purpose of working on this was I thought coding my own portfolio gives me full autonomy which I didn't get otherwise before when I was hosting my portfolio on one of the portfolio building websites. I plan to expand on my resume as well as talk about my projects and my contributions in it in specific phases of the design process. I really like the mosaic grid structure on websites and feel that it allows the user to view more information at a glance and therefore have it be animated on scrolling as well as intermix the content with interactive illustrations.
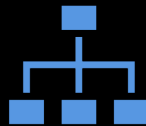
Part 2: Interactions

On the landing page the mosaic tiles animate on scrolling.

When the user hovers over the project tiles the title animates over as a overlay on the tile with a brief description if it is a project

On the projects page you can filter the projects based on the type of project it is and view them.

External libraries

o Bootstrap: I used bootstrap for the responsive grid layout as well as the navigation bar on each of the pages.

o Shuffle.js: I used shuffle.js as well as an alternative open source libraries for that which included bug fixes of shuffle.js for the shuffle and sort feature on the projects page.

o AnimOnScroll.js: I used this library for the animated scroll entry on the landing page.

Part 4: Iteration from the Mockups

- o I created a separate page for viewing just the projects as my landing page consisted of both projects and other things(skills, resume, work experience etc.)

- o I also added a filter in the projects such that the recruiters can see the projects related to a specific phase in the design process.

- o I added animated scroll entry to add to the interactivity on the landing page of the website.

Part 5: Challenges

o One of the main challenges I faced was to reset the scrolling on the page as the animated scrolling is disabled. I have not been able to fix this given the time constraints but will work on it for in the further iterations.

o I also want to work on adding animated buttons and modal boxes to view the projects on the landing page directly.

o Designing the grid to be responsive was quite a challenge because I couldn't get it to stack efficiently.

Github Link for the project

https://payal-bhujwala.github.io/Assignment8/