

SYED MUHAMMAD ZAHIR'S PORTFOLIO & RESUME WEBSITE

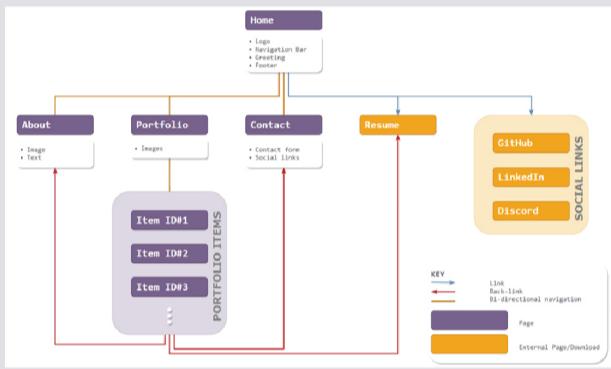
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OVERVIEW & PURPOSE

A portfolio & resume website is a personal branding tool which enables individuals to promote their work, showcasing their achievements and accomplishments in a more attractive way when compared to the traditional resume and CV.

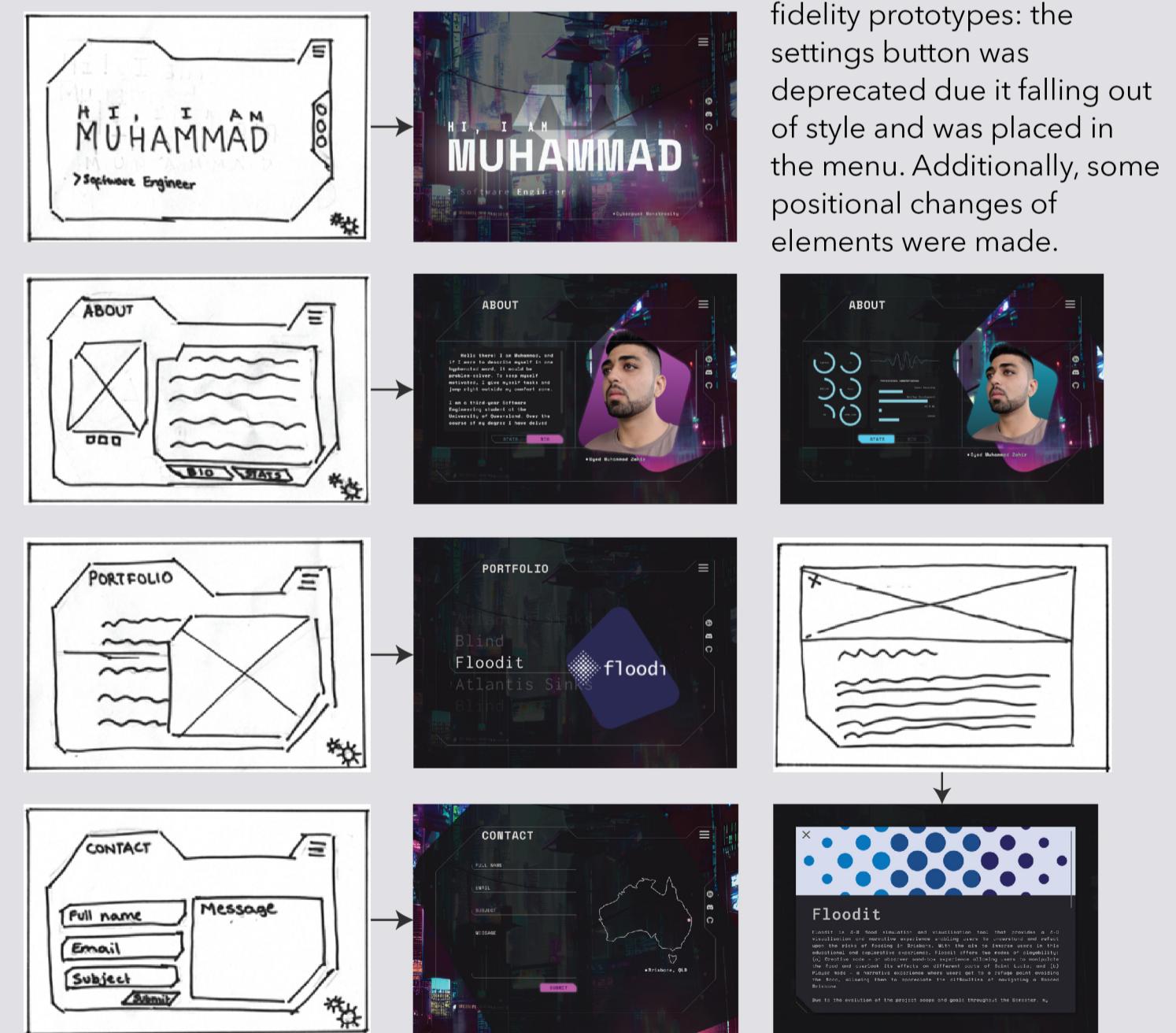
With that in mind, I had chosen to develop my own personal resume website which not only reflects my interests and passions but also conveys to future employers and contractors, my skills and previous work in a refined and simple way.

There was also a focus on aesthetics in a way such that there are clear benefits over the traditional refined look of a typical resume. Thus the site map (as shown below) was created.



LOW & HIGH FIDELITY PROTOTYPES

With inspiration from futuristic HUDs and the overall Cyberpunk theme, I created low- and high-fidelity prototypes. Noting some of the changes made from low- to high-



WEBSITE IMPLEMENTATION

There were some significant changes made from the high-fidelity prototype to actual website implementation. This is discussed in the [Reflection](#) section.



REFLECTION

As seen in the Website Implementation section, maybe design changes were made in the process. These decisions were taken from the Future Directions on the Design Report.

A significant change was the removal of the image background and change to a plain dark gray background. This change was significant and necessary due to accessibility concerns regarding legibility of text and colour contrast. A plain dark grey background was chosen as a movement was done from the neon purples of the Cyberpunk theme, to a grim futuristic HUD.

A second major change was the display of the portfolio item image on the Portfolio page. To better align the change in theme, it was more appropriate to have a blurred background displaying the portfolio item rather than a floating image beside the focused item.

Thirdly, a change was made in how the map was to be portrayed on the Contact page. Originally it was to be a simple stroke of the border's of Australia, but I had changed this to a radial SONAR like widget or tracking device which better aligns with the theme.

Overall, significant focus was placed on the responsiveness of the website, specifically fluid responsiveness (i.e., subtle changes in the dimensions of the website). These implementation specific decisions paid attention to responsive back frames along all pages for all page dimensions and a similar responsive menu tab as well as the About page radial sliders. The approach used for all three were through the HTML <canvas> and how JS can be used to create complex shapes/points on a drawing board and have listeners in place to redraw such canvases upon changes to the web page dimensions. Reflecting upon the method, I believe this was crucial in getting the website to look like a HUD or else it would suffer from poor design and have inconsistent aesthetics.

FUTURE IMPROVEMENTS

There are many places where this website can improve upon. Since this website was built using pure HTML, CSS, and JS, it was extremely difficult to write concise code for seemingly complex animations. While the animations I envisioned were ultimately implemented, it would be better to go back and start again with a web development framework like Flutter or React. This would allow the utilisation of a more streamlined and abstracted process for creating the website.

More specifically, there are certain improvements needed in the current implementation of the website. While responsiveness was almost always considered a priority and it has been successfully done in most if not all places, there are issues with really smaller screens on the Contact and About pages. This happens due to the use of flex and where the child is unable to shrink it will overflow or otherwise disappear due to the other flex item sibling to take the most amount of available space. This was tried to be addressed but was difficult to pull off a perfectly working solution to the problem.

Overall, I am happy with the website I have produced given the restraints on time and workload. There were many (justified) design changes along the way and ultimately a website which communities my skills and work has been produced.