

Web design project report

Bull and last

Under the supervision of:

Mr. Ang Mengchoung

Under the advisory of:

Mr. Ang Mengchoung

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Department of Computer Science

Faculty of Digital Engineering

Submitted By :

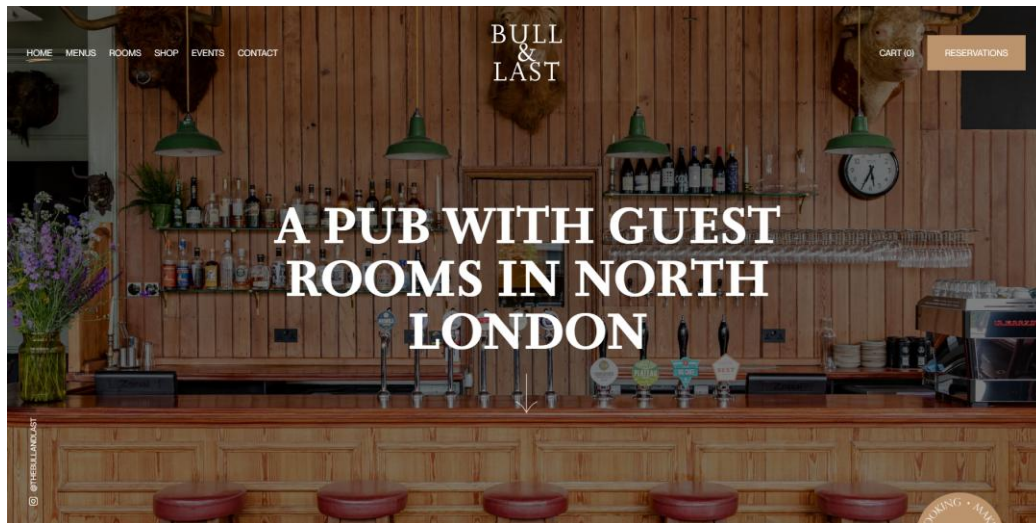
Group 7 : Rith Seyhak, Man Arafat, Chey Rotana

Tong Vorak, Ly Senghai, Keo Hengneitong

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I. Introduction



For our “Bull and last” cloning project, we aim to at least be able to clone the design of the website to at least 80% of the original website. This initiative led to us learning new ways to position certain elements and responsive elements ultimately enhancing our technical skills working on creative projects.

II. Objectives

For this project our aim is as follows:

- Recreate the “Bull and last” website with high efficiency
- Making the clone interactive to our utmost ability
- Making it responsive across 3 forms of devices
- Improve team collaboration and problem-solving skills.

III. Project description

3.1 Website overview

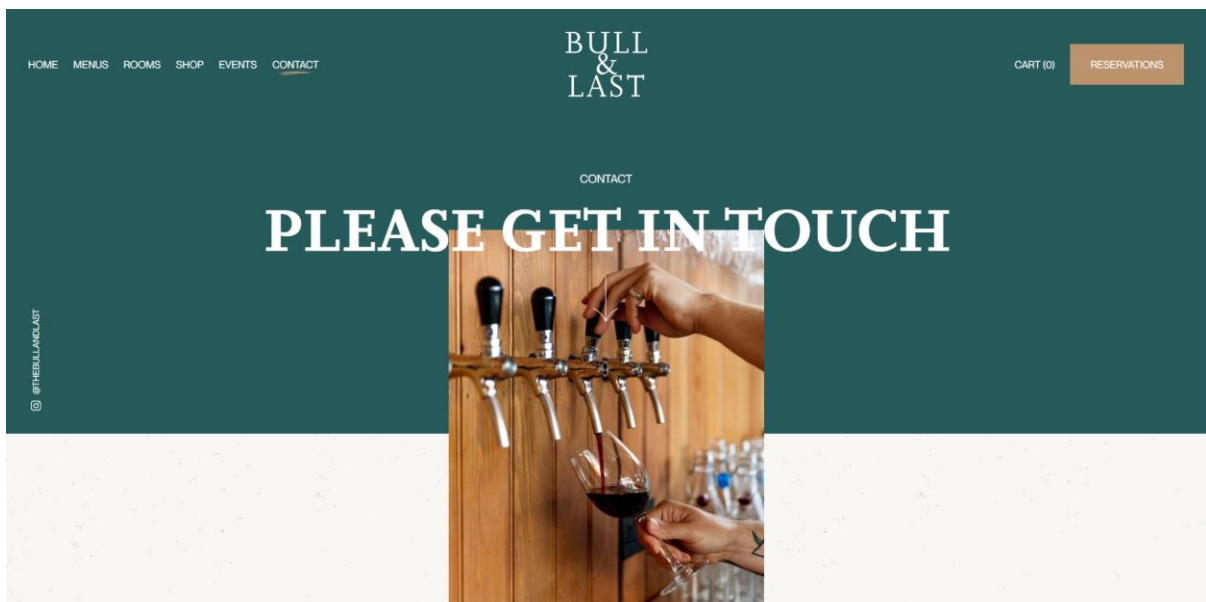
The Bull and last website is a website that showcases many visually appealing elements as well as unique element positionings and it's responsiveness. It can be said that the uniqueness of this website is very alluring to us web designers to recreate such elements while also applying our own unique touch to it.

3.2 Tools used

- HTML : structure and layout of the website
- CSS : styling, positioning and responsive design
- Github : for team collaboration

IV. Key challenges

4.1 Image position



As those who have visited the website have seen, it has a very unique layout especially when it comes to how pictures and elements are implemented on each

section of the page. We also had to design it in a way that it would be easier to implement responsiveness to it when working on later parts of the pages.

4.2 JavaScript and animations

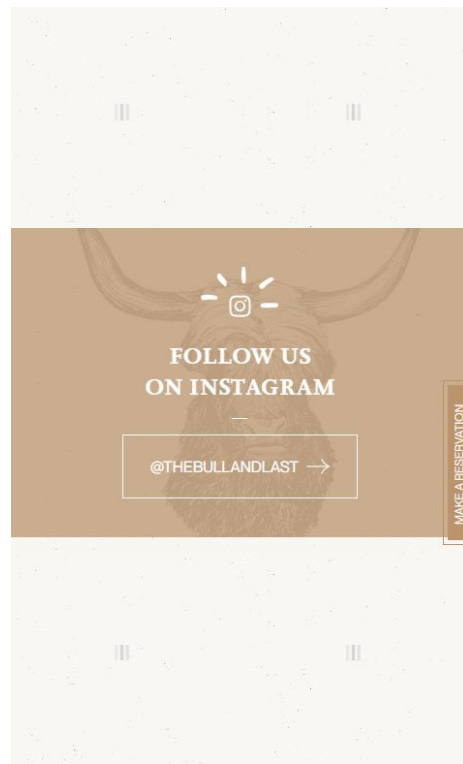
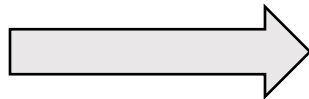
Many elements of the website required JavaScript in order to animate it as part of its dynamic design. That is where our problems come in because at our current level, we are unable to make it exactly like in the original website. For example, some animations like making a text spin in a circle, we were able to make it spin but weren't able to apply the text into the form of a circle. On other simple animations like arrow bouncing, we were able to do it without any problems because it was possible through just using CSS alone.



4.3 Implementing responsiveness

While finishing up our website clone, we ultimately found out that it was a major challenge to apply responsiveness to our current clones. It resulted in most of our clones breaking up when shrinking to smaller resolutions. This ultimately led us to restarting our cloning process from scratch which meant we had to do it twice. Even after restarting everything completely on some pages, we still encountered

some hiccups on some of the places that we had problems before such as delays or lags when going into smaller resolutions.



V. Learning outcomes

5.1. Solution to image positioning

Ultimately, we found out the solution to our problem of image positioning was using “position: absolute”. With “position: absolute”, we were able to dynamically position images to the right places as seen on the website. It didn’t help us with just

the images though, it also helped with other elements such as texts that are positioned on top of images as well.

5.2 Improving collaboration

Our team members learned to communicate effectively, resolve conflicts, and integrate individual contributions into a cohesive final product. This included learning how to use version control tools like Git for managing code changes.

VI. Team collaboration

6.1 Division of responsibilities

To ensure that our project goes smoothly, we divided the pages that are to be cloned equally. As we had 6 members, we made sure to find a website that had 6 different pages as well. Each page was fitted :

- **Design and Layout:** Ensured the visual elements matched the original site.
- **JavaScript and Animations:** Focused on interactivity and animations.
- **Responsive Design:** Adapted layouts for various devices.

6.2. Communication through difficulties

The team utilized agile practices, regular check-ins, and GitHub for version control, ensuring seamless integration of work. Each member had clear tasks, and frequent discussions facilitated problem-solving and alignment with project goals.

VII. Conclusion

The project was successful in replicating the "Bull and Last" website, meeting most design and functionality goals. The experience honed technical skills CSS and teamwork while overcoming challenges in animation and responsiveness. It demonstrated the importance of structured collaboration and adaptability when learning new concepts. Additionally, this project emphasized the value of perseverance and creativity in problem-solving. The lessons learned will be invaluable for future web development endeavors, encouraging the team to take on more complex and ambitious projects with confidence.

VIII. Improvements for future projects

The improvements we hope to make from learning while completing this project are:

- Allocate more time for learning animations to ensure smooth performance.
- Explore more advanced CSS frameworks to enhance responsiveness and efficiency.
- Improve our time management skills to make our project smooth sailing

IX. References

- Bull and last : thebullandlast.co.uk
- W3school
- Ai assistance
- Figma
- Font generator

