

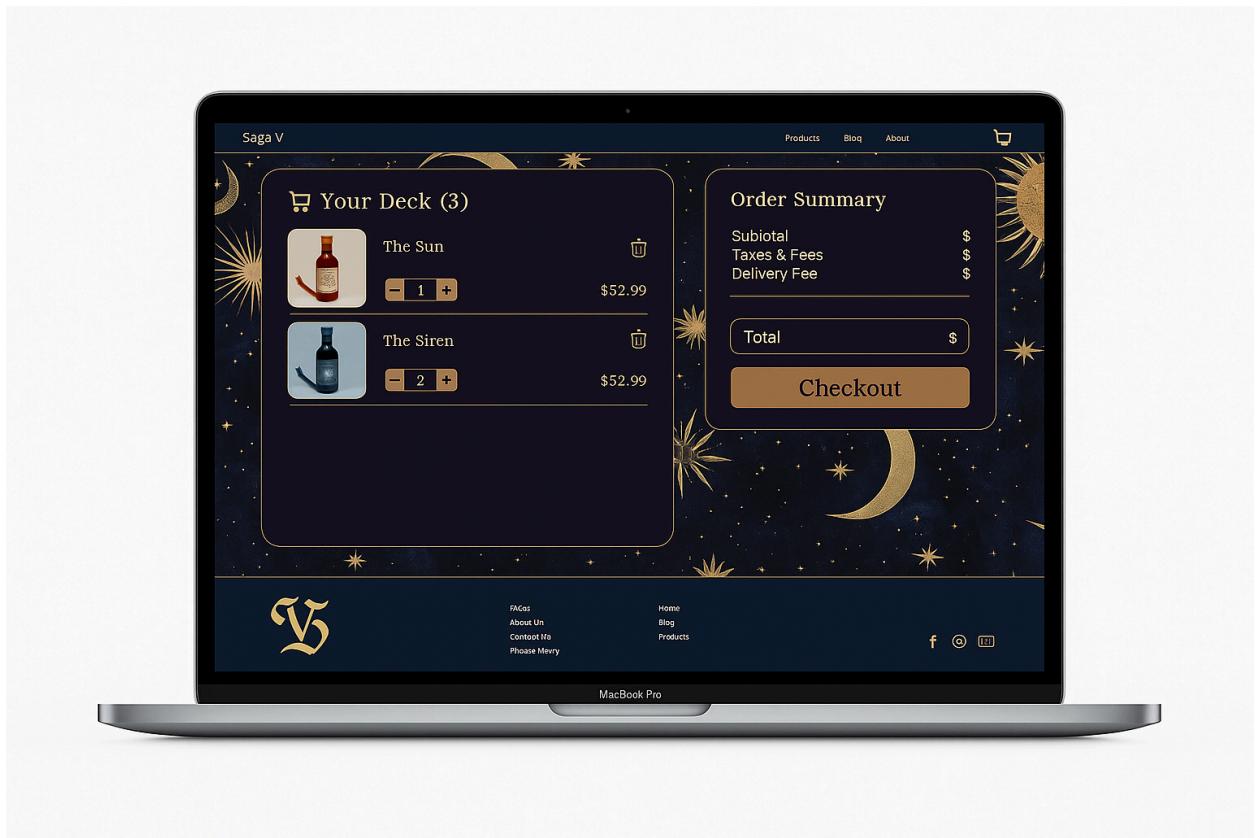
Code That Clicks: Engineering SagaV's Interactive Cart Page



Project Overview

Our team set out to design and develop a five-page website using agile workflows. Each member was responsible for a specific page, but our goal was to ensure the site felt cohesive and user-friendly when combined. The website was created for **SagaV**, a tarot-themed brand of non-alcoholic mocktails that blends mysticism with modern design. The site's purpose was to introduce the brand, showcase its products, and provide an engaging shopping experience for users seeking a sophisticated, alcohol-free alternative.

The biggest challenge we faced was technical: the GitHub repository was not set up correctly, which disrupted collaboration and delayed integration. This issue caused delays and forced us to find alternative ways to share progress. Despite these roadblocks, I remained focused on my contribution and worked to ensure my cart page was fully coded, functional, and ready for integration.



Owning the Cart Page: From Research to Code

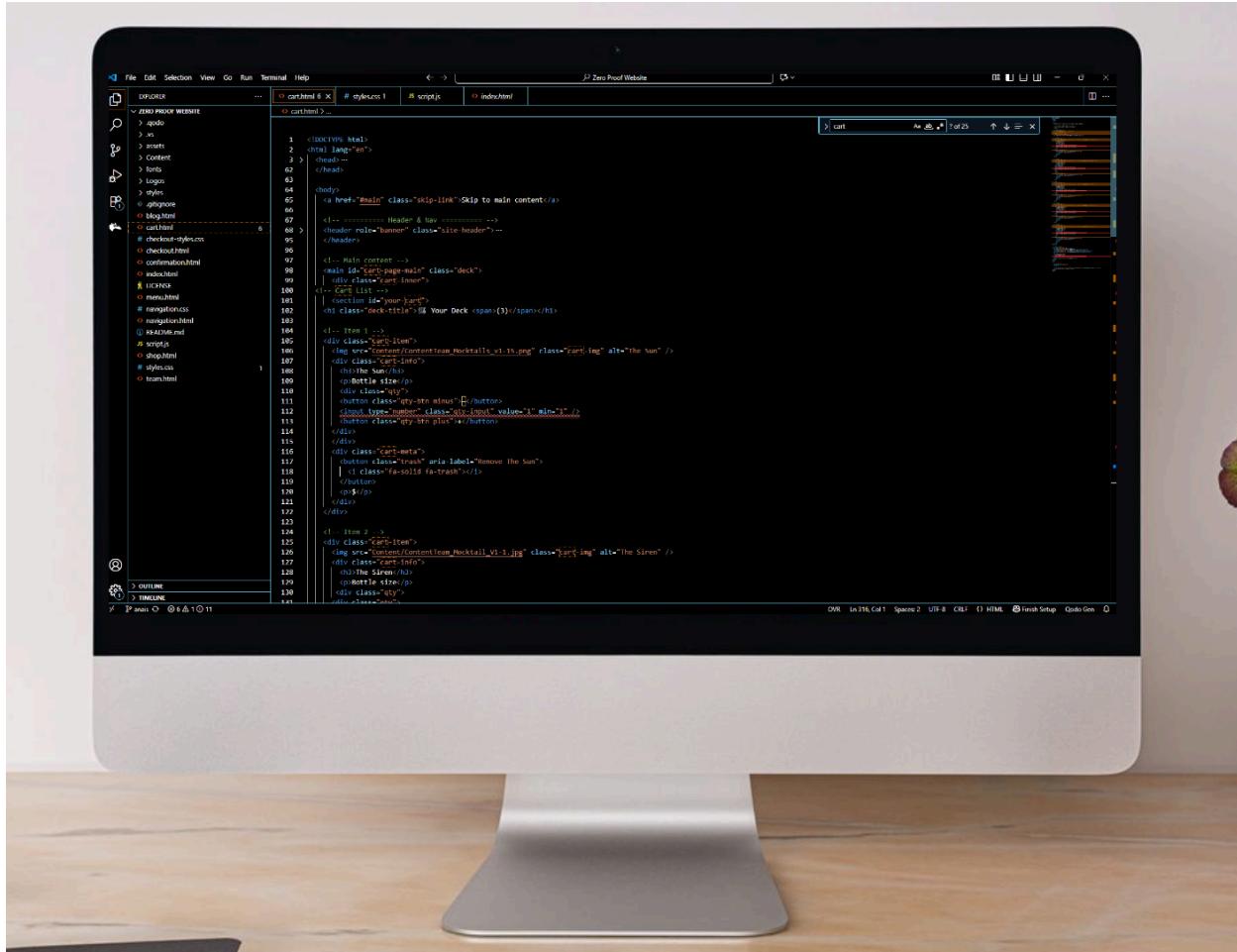
My primary responsibility on this project was building the cart page. I took ownership from concept to completion, coding it directly in HTML, CSS, and JavaScript. I researched e-commerce best practices to guide my design, focusing on elements users expect in a cart: clear product details, editable quantities, and obvious checkout options.

To enhance usability, I implemented delete-item functionality with trash can icons that allow users to easily remove products from their cart. I also designed the pricing display to update dynamically, ensuring that changes to item quantities or deletions immediately reflected in the subtotal and total cost. Rather than stopping at mockups or prototypes, I created a fully functional, interactive version that users could engage with directly, allowing me to test and refine both usability and responsiveness as I built.

Creating a Clear and Intuitive Cart Experience

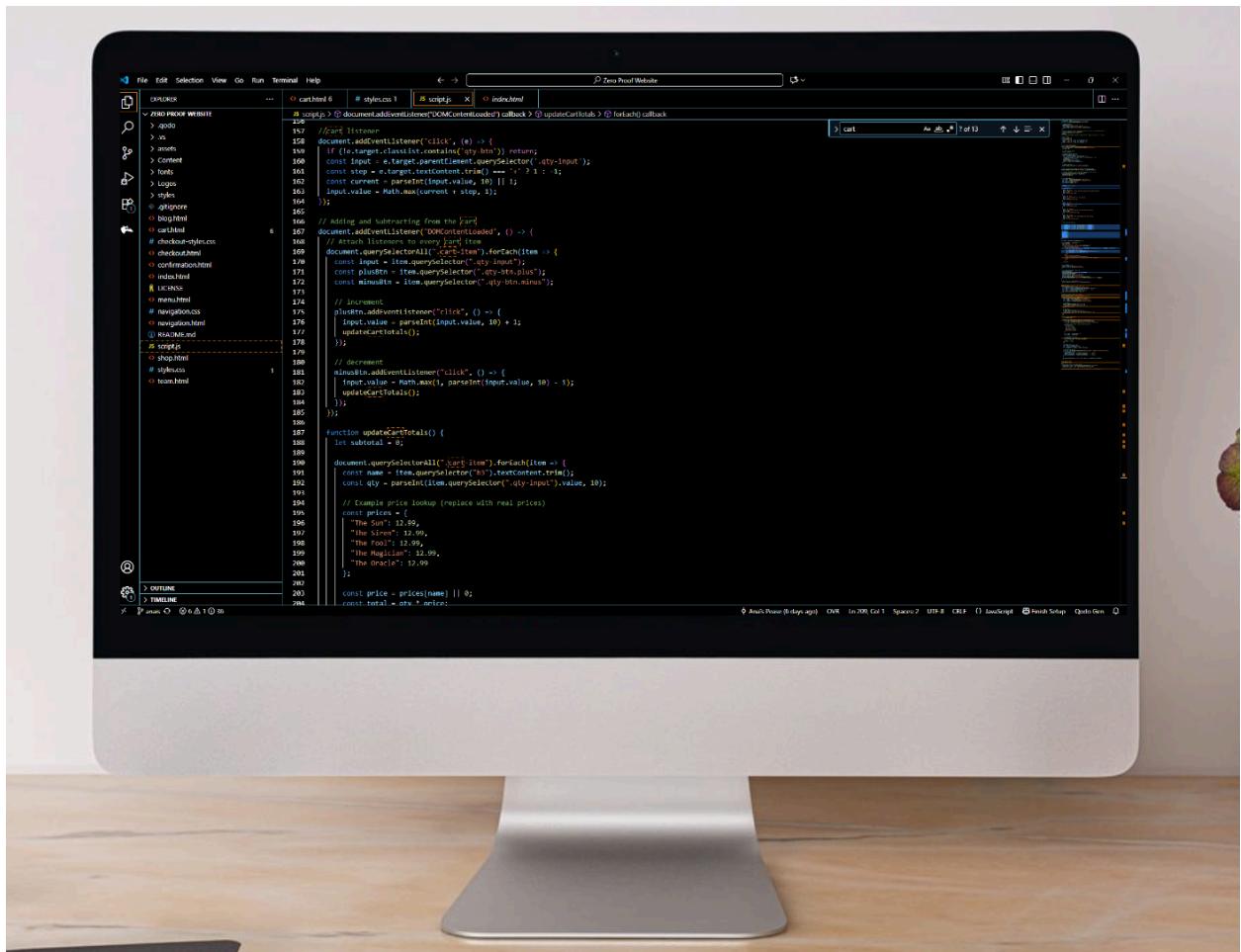
A cart page plays a critical role in any e-commerce flow, it is where users confirm their choices before checkout. My design centered on simplicity and clarity. I structured the page so that product information was easy to scan, with quantities and prices clearly visible. Checkout actions were given prominent placement to reduce friction and confusion. By keeping the layout

streamlined, I aimed to make the page intuitive and reduce the chance of users abandoning the process out of frustration.

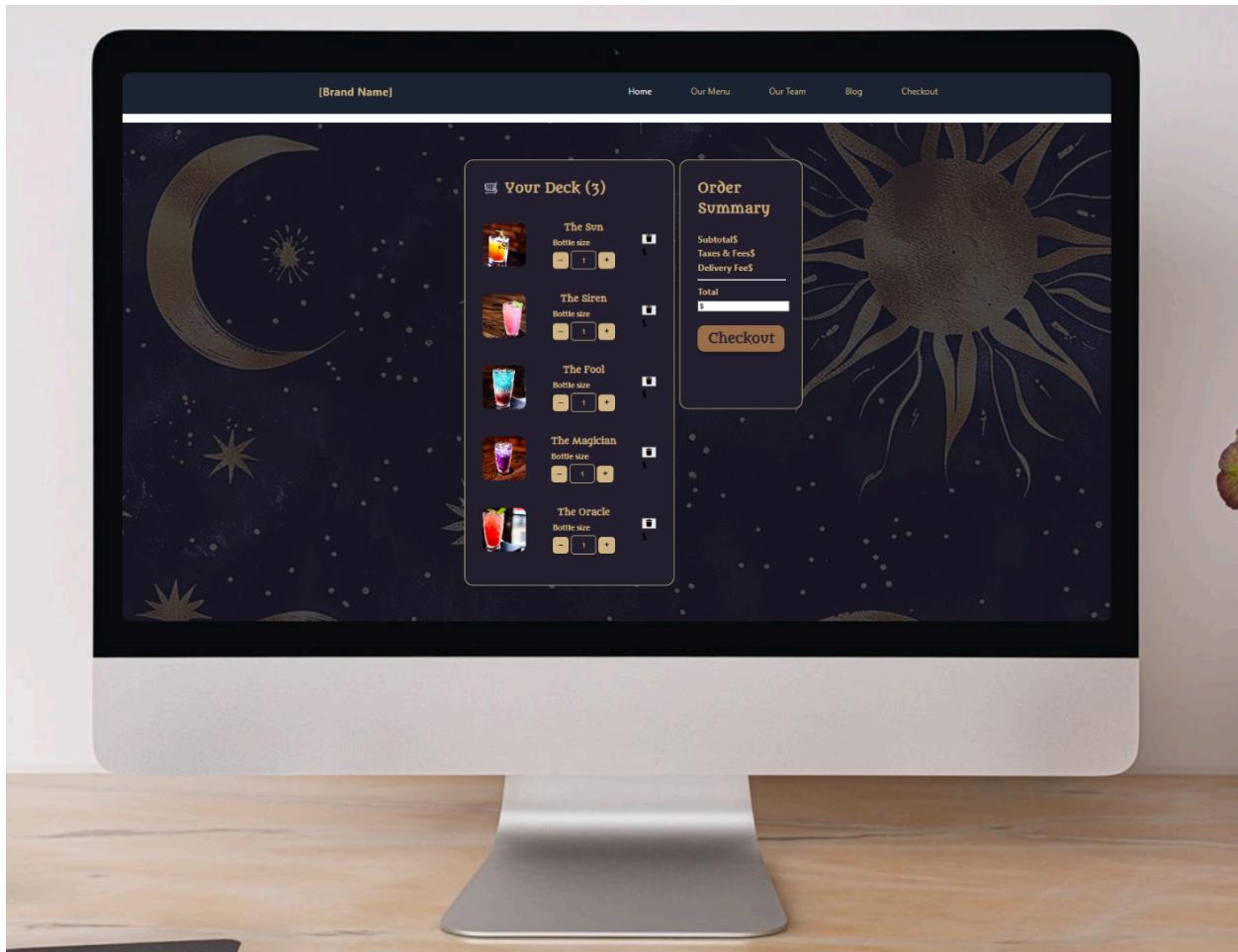


Improving Interactions with Custom Quantity Controls

During peer feedback sessions, one issue stood out: the default browser quantity inputs felt clunky and unpolished. They worked functionally, but they didn't provide the best user experience. Based on this feedback, I replaced the default inputs with custom plus and minus buttons built with JavaScript. This adjustment made the interactions smoother and more visually consistent with the rest of the site. The change improved usability and demonstrated how small refinements can elevate a page from functional to user-friendly.



Collaboration, Version Control, and Growth Areas



Although I was proud of the cart page I created, repository issues meant my work was not fully integrated into the final live version. Throughout the process, I worked closely with the UI/UX team, using their Figma wireframes as the foundation for my build. I translated their visual concepts into functional code, replicating layouts, spacing, and styling with precision using HTML, CSS, and JavaScript. This collaboration taught me how critical alignment between design and development is for cohesive outcomes and consistent user experience.

This experience also reinforced the importance of not just building strong individual contributions but maintaining effective collaboration through version control tools. I learned that fluency in GitHub setup, branching, and merging is just as essential as writing clean, maintainable code. In future projects, I plan to strengthen these technical and collaborative skills to ensure my contributions integrate smoothly into the final product.

Future Improvements

This project reinforced my ability to take ownership of a feature from research to delivery while staying adaptable in the face of obstacles. I built a fully functional cart page, improved its usability through iteration, and aligned it visually with the team's design standards. At the same time, I gained a clearer understanding of the challenges of collaboration in technical projects. Moving forward, I am motivated to refine my version control skills and continue improving my ability to bridge individual coding strengths with collective project success.