

EXAM DESIGN SECTION

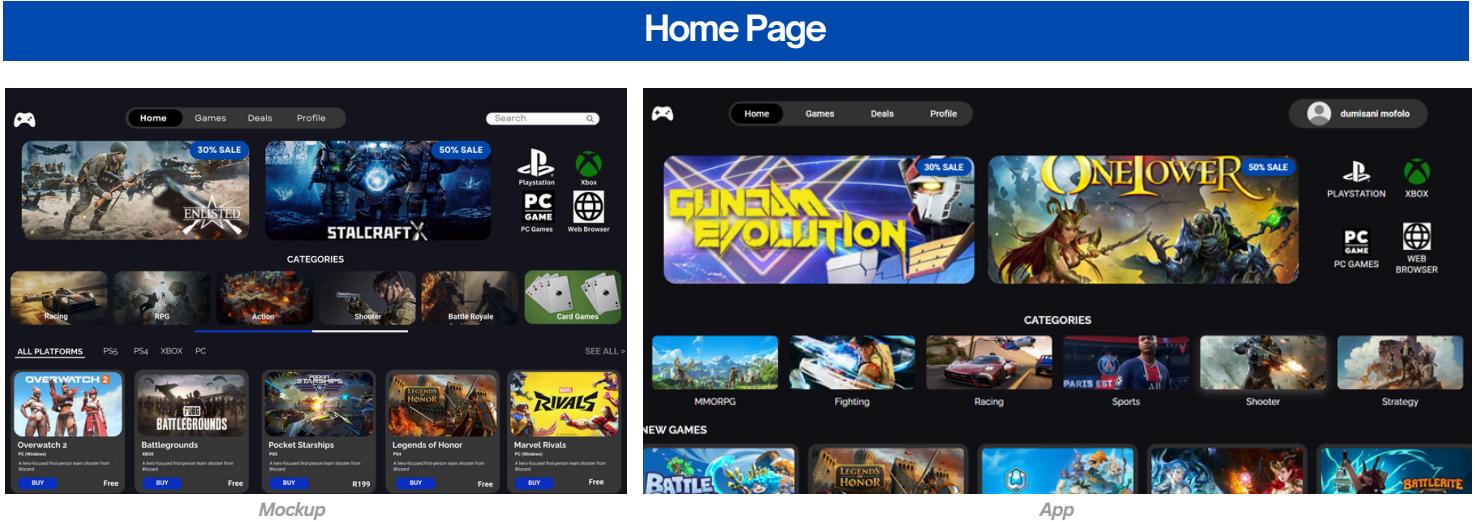
RECORD OF DESIGN PROCESS AND CHANGES

MATALAME MAMABOLO

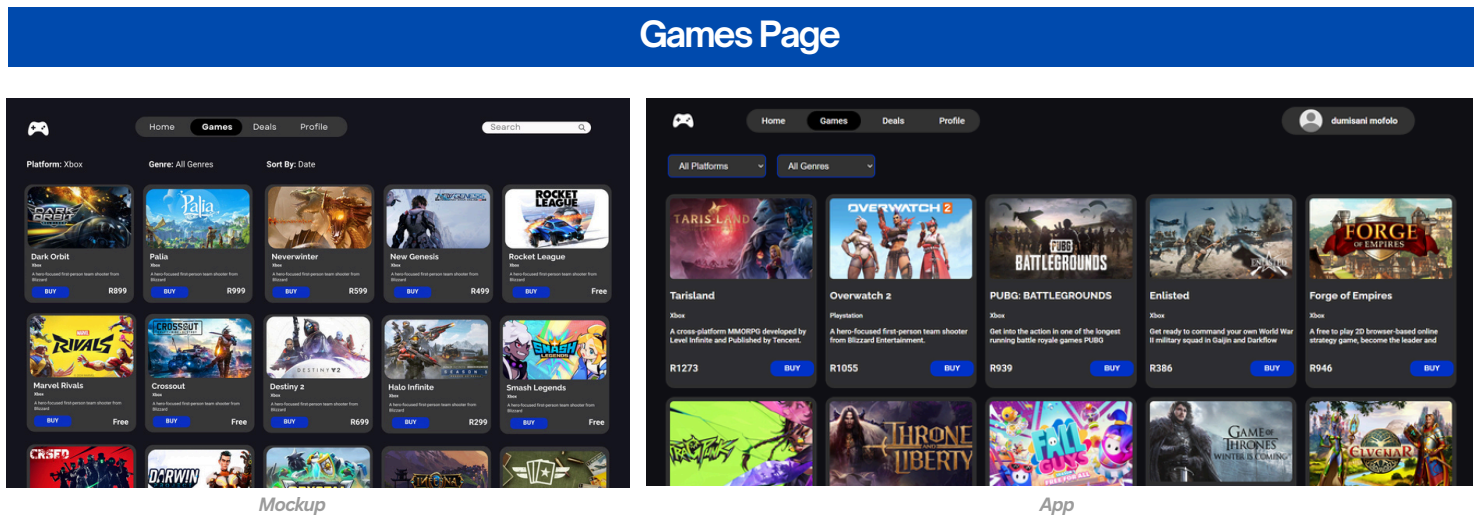
MOCKUP VS APP - CHANGES

As a requirement on the brief, we were required to record any changes that we made and justify why we've made those changes. So I'm going to compare my mockup wireframes from the assignment 2 to actual screenshots of the application in the browser during production.

I will state the changes that were made through annotations.

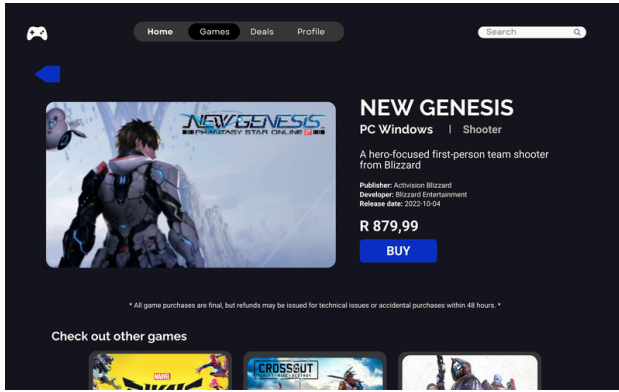


Most of the design goals were met on the home page. The changes that were made were related to the sizing of the components. They appear much larger on the screen, as the dimensions of the laptop were significantly larger. Another change was the removal of the search bar. The reason for this was that it was challenging for me, and I had issues making the search effective, both in ensuring that accurate results were shown to the user and in enabling the selected result to navigate to the appropriate game through the search results. To replace the search component, I added a profile component that records the user information from the signup page

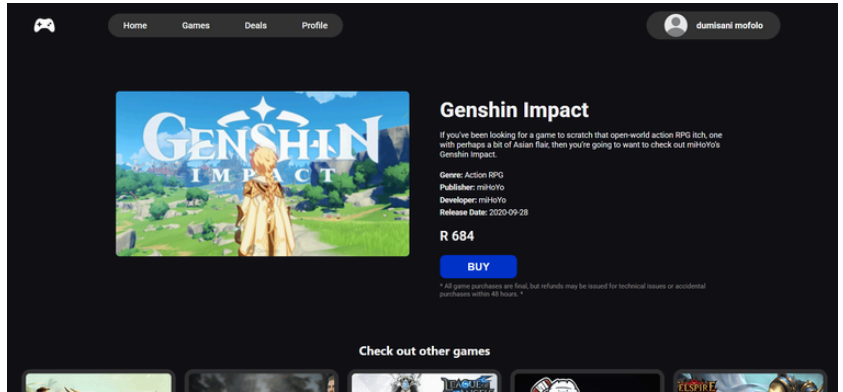


An element that was removed on this page was the 'sort-by' filter option. The reason for this was that the API did not contain enough categories to help sort the results in more complex ways. Again the sizes of the components was a major difference throughout the app.

Purchase Page



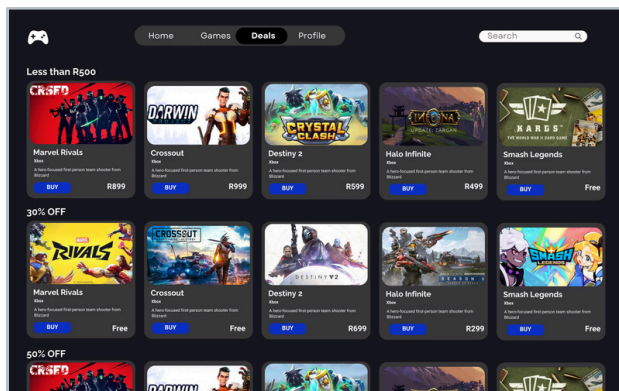
Mockup



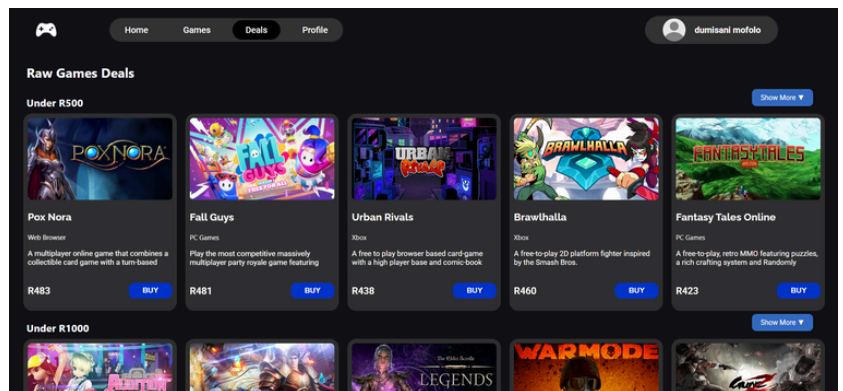
App

Not many changes were made to this page. The contents of the page remained the same, I just added more games in the suggested section. The reason for this was that, since e-commerce applications are focused on profit, offering more suggestions can influence users to consider shopping further.

Deals Page



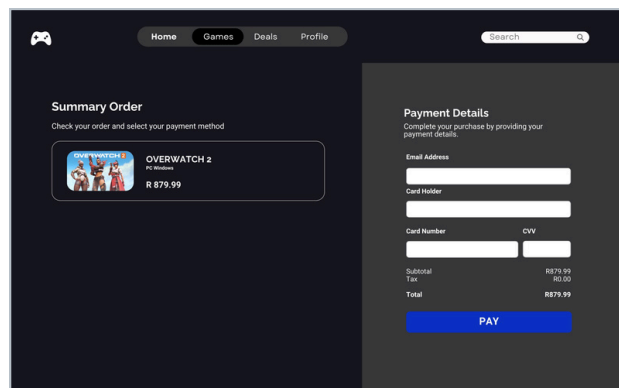
Mockup



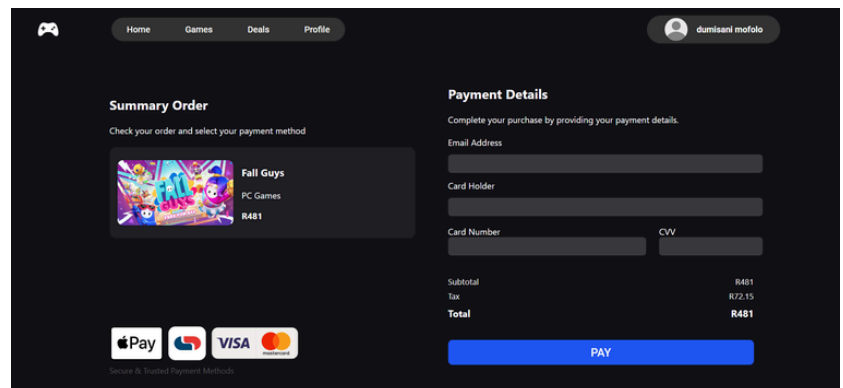
App

On this page, I added 'show more' buttons that load five more games for the specific discount/ deals section.

Payment Page



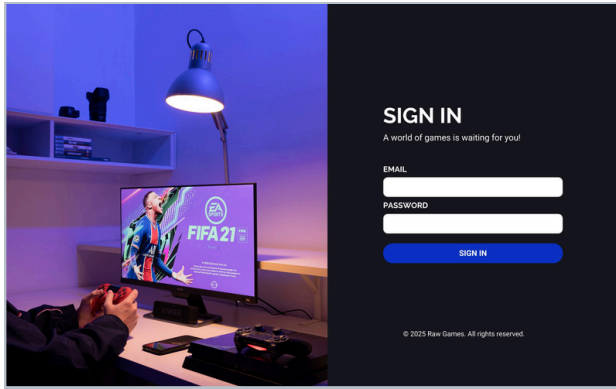
Mockup



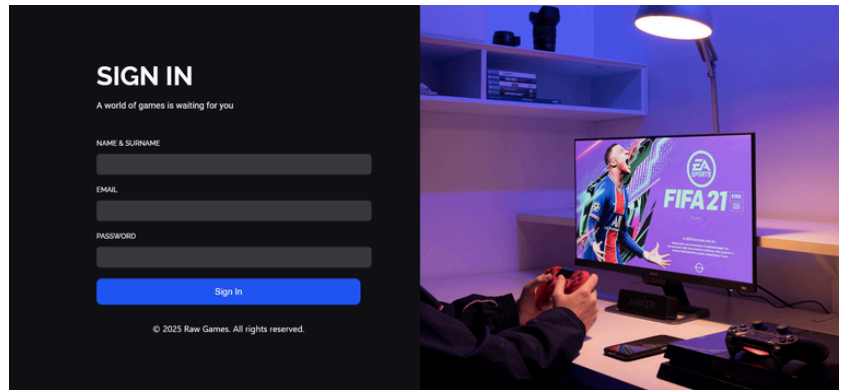
App

On this page, I added popular brands that handle secure payments, the reason for this is so the user feels as though the app is trustworthy and reliable. Another change is the colour of the input fields. In the mockup, the pure white against the grey is a bit harsh on the eyes so I opted for a grey colour to match the dark theme of the app.

Signup Page



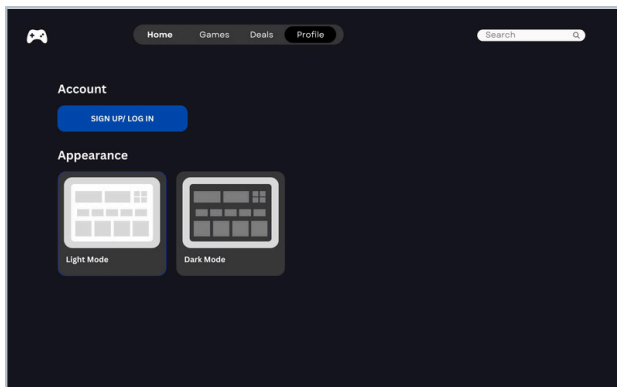
Mockup



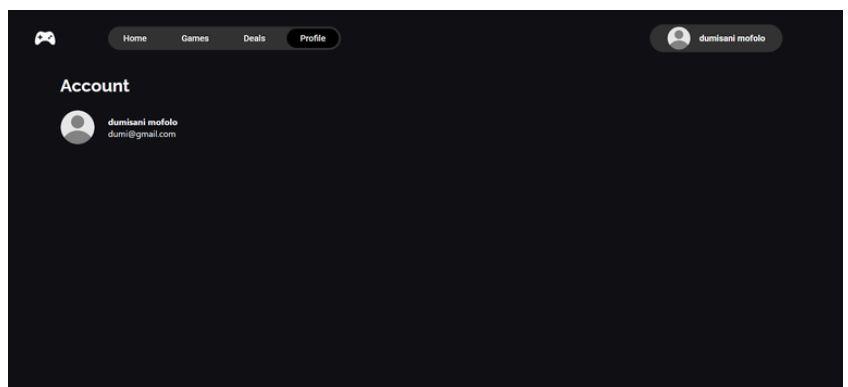
App

On this page, I added another field called “Name & Surname” to work with the profile component that displays the users name on the other pages. Everything else is the same.

Profile Page



Mockup



App

On this page, I removed the ‘light mode’ and ‘dark mode’ features because of the way I set up my application and styling scripts. The buttons kept clashing with other CSS scripts, such as the game components. So, due to a lack of time, I had to exclude them and focus on my other features.

SHORT REFLECTION

When we were first introduced to React, it was quite overwhelming as I hadn't fully grasped JavaScript from last year. Throughout the semester, we were given React coding exercises that were beneficial as I began to grasp the use of components and hooks in React. Even with this foundational knowledge, I didn't do too well with the coding challenges assignment, which was quite discouraging for me, but I knew that with enough time to process the code and enough time for a lot of trial and error, I would manage to build a decent app.

During the production stage, there were times where I had to look back at the code challenges, as I would make mistakes with syntax and JSX logic. The use of online documentation from websites such as Stack Overflow was very beneficial. I also used a bit of AI for certain parts I really struggled with, such as API fetch, where I wanted to include my own data within the API. The assignment has also helped me realize that I am more drawn to UI/UX design, as a lot of my efforts were focused on the visuals of the application. I do feel as though there is more room for improvement on my application—especially for the profile page. I could have included more features.

I plan on further improving the app for my portfolio.

