GlamGait Shopping Website

self-evaluation report

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In tackling the "Search Available Items" use case, I dove into the front-end development with the goal of making item searches on the platform as smooth as silk. I crafted an intuitive search interface right on the main page, hitting that sweet spot between eye-candy visuals and top-notch functionality. This wasn't just about looks; it was about making sure users could zip through our catalog to find exactly what they needed, no fuss. Working hand-in-hand with Reham, we hooked this sleek search up with the back-end, pulling live data from items.json to pop up relevant search hits like magic. Every detail of the user interface got my full attention, ensuring that browsing through search results felt like a walk in the park, boosting the whole shopping vibe. My fresh take on making search a breeze really opened up our inventory to users, cranking up their engagement and making the shopping experience something they'd come back for.

During our group work on Use Cases 4-6, my knack for front-end design played a crucial role in building intuitive and engaging interfaces that made accessing purchase histories and managing sale items a breeze. I put together clear and easy-to-navigate pages where customers could swiftly review their buying history, integrating these functionalities seamlessly into the platform's wider user experience. I aimed for aesthetic appeal and practicality, making sure every design decision contributed to a coherent and enjoyable platform journey. For sellers, I developed straightforward interfaces that made the process of uploading and managing sale items simple, ensuring that even those without a tech-savvy background found the platform accommodating. My focus on thoughtful design choices turned the platform into more than just a marketplace; it became a supportive space where users felt confident and valued, whether they were checking their past purchases or enhancing their sales approach.

Challenges that I experienced:

Implementing an efficient and responsive search feature using static JSON files for item storage presents a challenge for me. The search functionality must be optimized to handle potentially large datasets without real-time database queries, which can lead to performance issues and poor user experience.

Similarly, I must ensure the application can store and display a comprehensive purchase history in a user-friendly manner without dynamic database support. This involves designing a system that can handle growing data over time without compromising performance.

Challenges also include creating a robust system for sellers to manage their inventory and sales history effectively. This system must support updating item details and quantities, as well as uploading new items, all while ensuring data consistency and accuracy. The application must also prevent unauthorized access to modified item details, adding a layer of complexity in security management without a traditional backend framework.