GlamGait Shopping Website

self-evaluation report

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Introduction:

This report details my contributions to the development of our e-commerce platform. My focus was on use case 3 and group working in use case 4,5 and 6.

My contribution:

As I was at the forefront of bringing Use Case 3: Purchase an Item to life, I focused on the backend logic to process item purchases. I implemented a system that allowed logged-in users to select items for purchase and facilitated the transition to a secure checkout page where users could confirm their purchase details, such as item rate and price. Additionally, I ensured that the platform could handle transactions effectively, updating bank accounts and purchase/sale histories upon successful purchases. Establishing a feedback loop, I displayed a message to the user about the status of their purchase, enhancing the transparency and reliability of the buying process. My contribution was pivotal in creating a trustworthy and efficient purchasing experience that catered to the users' needs and expectations.

Focusing on API development and integration for Use Cases 4-6, I ensured that the platform's front-end and back-end communicated effectively, facilitating a smooth user journey from viewing purchase histories to managing sales. I developed APIs that allowed the front-end to fetch detailed purchase histories and sales data, ensuring that users had real-time access to their transactions and item listings. Additionally, I worked on optimizing these interactions to be fast and efficient, reducing load times and enhancing the platform's overall performance. My technical prowess enabled the seamless integration of complex functionalities, ensuring that the platform operated as a cohesive unit. Through my efforts, I ensured that the technical infrastructure supported the platform's ambitious goals, making it a robust tool for both buyers and sellers.

My challenges:

In Use Case 3 - Purchasing an Item, I tackled the complexities of handling transactions, such as verifying user funds, updating inventories, and maintaining accurate purchase records, all without dynamic database interactions. Achieving data integrity during transactions and providing real-time feedback on transaction status necessitated careful management of static data sources.

For Use Case 4 - Viewing Purchase History, I encountered the challenge of presenting a comprehensive and user-friendly view of a user's purchase history using static data sources. This involved addressing data storage concerns and designing an intuitive user interface capable of effectively showcasing historical data.

Regarding Use Cases 5 and 6 - Managing Sales and Inventory, I faced similar challenges as Reham and Fatima. I had to devise methods for sellers to efficiently manage their sales records and inventory, including updating item availability accurately, ensuring the security of transaction details, and creating an easy-to-use interface for item uploads and sales management.

Conclusion:

Overall, I am proud of my contributions to the GlamGait shopping website project. By leveraging my skills in research, content creation, design, and teamwork, I believe I played a significant role in the success of our campaign. I look forward to applying these experiences and skills to future projects.