

Phase 2 Report: PC Reviews

Application Development

Github: <https://github.com/eji24/pc-attachment-review-platform-.git>

Introduction

In this phase, we faced several significant challenges as we navigated the intricate process of developing our application. Despite these obstacles, we made substantial strides in the functionality and visual aspects of our project. Our efforts focused mainly on the front end, utilizing the React.js library to create interactive and visually appealing components.

Challenges Faced

Database Implementation

One of the most daunting challenges we faced was the implementation of a MongoDB database for storing user registration data and user review data. Due to the complexity of this task and the constraints of our timeline, we decided to store the data on the front-end instead. This workaround, while not ideal for a full-fledged production application, enabled us to proceed with our project and ensure that the basic functionalities of user data handling were available.

Collaborative Coding

Working in a team on a shared codebase presented its own set of challenges. We attempted to use Git and Microsoft Teams for code sharing, but we found these tools to be somewhat inefficient due to the constantly changing nature of our codebase. However, we learned valuable lessons about the importance of codebase management and the challenges of collaborative coding, which will undoubtedly benefit our future projects.

On-Click Landing Page

Creating an on-click landing page also proved to be a hurdle due to issues with React Router DOM in our package.json. Our older version prevented us from utilizing newer functionalities. Updating would require alterations to our project specifications, which seemed out of scope given our time constraints. As a result, we decided to build this feature on the front end, an approach that was more in line with our project specifications.

Successes

User Login and Reviews

Our application successfully implements a login feature. Upon login, the user is directed to a page with prepopulated dummy reviews. Although the reviews are placeholder data for now, they represent a significant step toward our final goal of an interactive review system. We can build upon this base to add more features and interactivity in the future.

- Home
- Logout
- Reviews

User Profile

Reviews

Rating: 4.5

Comment: Great product! Works as expected.

User: JohnDoe

Rating: 3.8

Comment: Decent quality but could be better.

User: JaneSmith

Submit Review

Rating: 0

Comment:

Submit

Search

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Styling and User Interface

The application boasts a clean, retro, and visually appealing user interface. The blue-on-blue color scheme adds to the readability and general aesthetics. Our emphasis on clear, concise, and user-friendly design elements has paid off, resulting in an interface that is both functional and pleasing to the eye.

Navigation

The home button effectively navigates the user back to the review page post-login, enhancing user experience. Moreover, our application features a navigational bar and a functional search bar. While the search bar currently lacks full functionality, it lays the groundwork for future enhancements.

Future Prospects

With additional resources and an expanded timeline, our application has the potential to grow. Advanced features such as a MongoDB backend and an updated React Router DOM could significantly improve the application's functionality and user experience.

Conclusion

Phase 2 of our PC Reviews project, despite its challenges, was a rewarding experience and we are proud of our work. The successes achieved and lessons learned from the obstacles encountered have left us better equipped for future projects. We're excited about the potential of this application, and we're optimistic about the value it could bring to PC users. We appreciate the opportunity to work on this project and look forward to similar endeavors in the future.

- Home
- Login

PC Attachment Review Platform

Share your experiences, provide feedback, and help others make informed decisions when purchasing PC attachments.

Get Started

Key Features

- Post and read reviews about PC attachments.
- Discover the best PC attachments based on user ratings and feedback.
- Connect with other PC enthusiasts and users.
- Stay updated with the latest PC attachment trends and news.

About Us

The PC Attachment Review Platform is a community-driven web application that allows PC enthusiasts and users to post and read reviews about various PC attachments such as keyboards, mice, monitors, and more. Our goal is to provide a centralized hub for users to share their experiences and help each other make informed decisions.

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Login

Username

Password

Login