

Task Report: FoodTruck Q-Commerce Website Development

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Project Overview

- Project Name: FoodTruck Q-Commerce Website
- Objective: A responsive, user-friendly Q-commerce website for fast food items using Figma Template 9, enabling seamless user interactions, such as login, signup, placing orders, and comments, while providing admins with detailed reports.

Features Developed

1. User Functionality:

- Login and signup pages integrated with Clerk middleware.
- Users can:
 - * Place orders and add comments.
 - * Avoid re-entering details once logged in, enhancing user experience.

2. Admin Dashboard:

- Admins can view:
 - * Daily, monthly, and yearly reports.
 - * User details and order information with date and time stamps.

3. Backend Integration:

- APIs configured:
 - * Products fetched from Sanity.io.
 - * User and order data stored and managed in Sanity.
- Real-time updates for order details.

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4. Responsiveness:

- The website is beautifully designed, responsive, and performs well across all devices.

Challenges Faced

- Time Management:

Completing the task within a limited time frame was highly challenging, especially while balancing job responsibilities.

- Middleware Complexity:

Learning and integrating Clerk middleware for authentication posed difficulties due to lack of prior knowledge.

Testing and Deployment

- Functionalities such as login/signup, API integration, and admin reports have been implemented.

- Pending Tasks:

- * Final testing for functionalities.
- * Deployment on Vercel.

- Testing Tools:

- * Functional and API testing is planned post-deployment.

Project Insights

- Learnings:

- * Gained valuable experience in integrating Clerk, middleware, and APIs.
- * Improved understanding of real-world project challenges, especially managing complex backends and responsive designs.

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- Feedback:

* The hackathon provided an excellent learning opportunity but highlighted the need for better time allocation, especially for job-holding students.

Conclusion

This project was an enriching experience despite time constraints. The completed features, middleware integration, and backend setup provide a solid foundation for further development. Future enhancements will include final testing, deployment, and thorough performance optimization.