Project Submission Report

1. Task Title:

Theming + Feedback System + Admin panel fixing

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2. Approach / Methodology

- Reviewed existing projects and identified UI and backend requirements.

- Implemented global theme switching for dark/light mode across all pages.

- Created a feedback form connected to backend.

- Added a Feedback section in Admin Panel (admin-only access).

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3. Difficulties Faced

- Theme initially applied only to the navbar.

- It made it complex to fix each page.

- Displaying feedback dynamically.

- Faced some issues with DB.

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4. Solutions

Used global state/context for consistent theming.

Implemented role-based route and UI protection.

Validated feedback on both frontend and backend.

Fetched and displayed feedback dynamically in Admin Panel.

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5. Learning & Takeaways

- Learned how to integrate **Node.js + Express.js + PostgreSQL** smoothly.

- Learned global state management and front-end-backend integration.
- Gained experience in role-based UI rendering and data validation.
- Improved testing and debugging skills for consistent UI.

6. Self-Reflection

- Could have planned global theming earlier.

- Will focus on reusable components and iterative testing in future tasks.

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7. Overall Summary

Implemented full dark/light theme, a validated feedback system, and admin-only feedback panel. Task enhanced my skills in theming, backend integration, and role-based UI management, improving overall project functionality.