Title

Synergy School Employee Management System (Frontend)
BY

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Brief Description

- A web-based application designed to help school administrators and employees manage internal records, departments, leave requests, and profiles. The system provides role-based access and a user-friendly dashboard for both admins and employees.

Purpose

- Streamline employee data management in a school setting.

- Enable leave tracking and approvals efficiently.

- Provide a secure login and role-specific dashboards.

- Demonstrate real-world application design and testing.

Roles and Access

- **Admin**:
- Add/Manage departments.
- Add/edit/delete employees.
- View and respond to all leave requests

- **Employee**:
- View personal records.
- Request leave.

- **Public**:
- Access a demo employee account.

Authentication

- JWT-based login system.
- Admin adds employees manually, no public registration.
- Demo employee account is available for public exploration.

Core Features

- Secure Login & Authentication
- Admin Dashboard with Analytics
- Department Management
- Employee CRUD (Create, Read, Update, Delete) Operations
- Leave Request System with status tracking
- Role-based Route Protection
- Demo/Public Viewing via "/public-demo" Route
- Unit testing with Jest

Technologies Used

- React
- React Router
- Tailwind CSS
- Context API for state management
- Axios for API calls
- Jest for testing

Project Links and status

- **Project Links**
- GitHub Repository Link: [GitHub Repo Link](#)
- Project Live Link: [Synergy School EMS](#)

- **Current Status**
- Responsive and user-friendly UI
- Admin access restricted from public use
- Public demo enabled
- Tested with Jest for reliability

Screenshots