

# School Employee Management System

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# Introduction

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A React-based CRUD application that enables schools to efficiently manage employee information and leave requests, providing a centralized, secure, and user-friendly system for administrative tasks.

# Project Goals

- Streamline employee record management.
- Enable quick and transparent leave request approvals.
- Ensure secure, role-based system access.
- Provide an intuitive, responsive user interface.

# Key Features

## **Employee Management**

- Add edit, delete, and view employee records.

## **Leave Request System**

- Submit, approve/reject, delete requests.

# Tools & Technologies

**Frontend:** React.js, JS, HTML, CSS, Vite

**UI Library:** Ant Design, Material UI

**API:** Axios

**Auth:** JSON Web Tokens (JWT)

**State Management:** useContext

**Others:** Git, GitHub, REST API

# Real-World Problem Solved

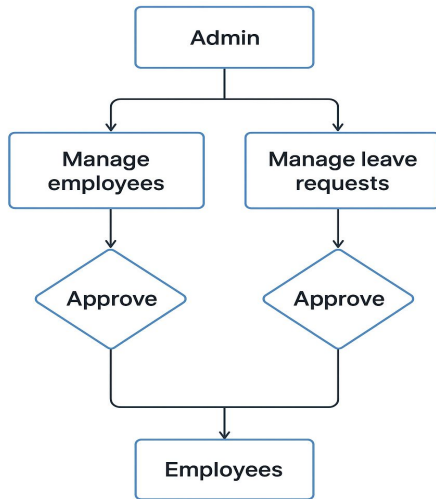
- Centralizes employee data for easy access.
- Reduces paperwork and administrative delays.
- Improves transparency in leave approvals.
- Enhances data security with role-based access.

# Target Users

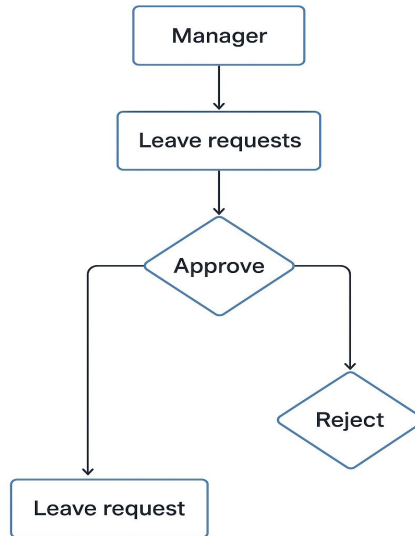
- School Administrators
- Department Heads / Managers
- Teaching & Non-teaching Staff
- HR Departments in Educational Institutions

# System Workflow

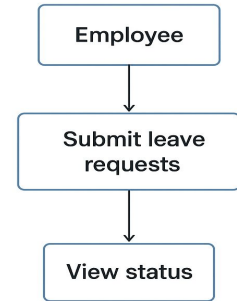
System Workflow



System Workflow



System Workflow





# Challenges Faced

- Handling role-based routing in React.
- Integrating JWT authentication securely.
- Designing responsive UI with Ant Design.

# Conclusion

## Summary:

A secure, efficient, and scalable School Employee Management System for modern educational institutions.

## Contact Info:

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GitHub Repository: [github.com/Favais/school-employee-app](https://github.com/Favais/school-employee-app)

Live Demo: [school-employee-app.vercel.app](https://school-employee-app.vercel.app)