

# **Project Title**

School Employee Management System

**Frontend implementation**

**BY**

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# Project Overview

This project is a simple React-based application designed to help schools manage employee records and leave requests easily. It provides a central system where administrators, managers, and employees can perform their tasks efficiently.

# Project Goal

To build a user-friendly web application that allows schools to manage employee information and leave requests in one place.

# Target Users

School administrators

Managers

School employees

# Main Features

Create: Administrators can add new employee records (name, employee ID, department, position, contact details, start date).

Read: Users can view employee records in a list or detailed view.

Update: Administrators can edit existing employee information.

Delete: Administrators can remove employee records when needed.

## 2. Leave Request Management

Create: Employees can submit leave requests with leave type, start date, end date, and reason.

Read: Managers and administrators can view all leave requests and their status (pending, approved, rejected).

Update: Managers and administrators can approve or reject leave requests.

Delete: Employees can delete pending leave requests.

### 3. User Authentication and Authorization

Secure login system using tokens (e.g., JWT).

Role-based access control (administrator, manager, employee).

## 4. Database and API Integration

Connects to a backend API to store and retrieve data.

Supports CRUD operations using tools like Axios or Fetch API.

Works with databases such as MySQL or PostgreSQL.

## 5. User Interface Design

Clean