

School Employee Management

School Employee Management System

A digital platform for managing school staff employee & leave requests

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Problem Statement

Schools struggle with:

Manual record keeping

Difficulty tracking staff attendance & leave

Errors in employee data

Slower administrative processes

Limited visibility for staff & management

Traditional methods (paper files, spreadsheets) lead to inefficiency and inconsistencies.

Proposed Solution

A **web-based School Employee Management System** that:

- Stores all employee details digitally

- Provides simple CRUD operations

- Manages leave requests

- Shows real-time updates

- Improves communication between staff and admins

Key Features

-  **Employee Management** (Create, Read, Update records)
-  **Leave Management** (apply, approve, reject leaves)
-  **Role-based Access** (Admin, Manager & Employee)
-  **Dashboard Overview**

User Roles

Admin

Add new employees

Update records

Manager

Approve or reject leave

Employee

Apply for leave

Update leave

System Workflow

1. Admin logs in.
2. Admin views dashboard.
3. Admin manages employee records
4. Manager logs in.
5. Manager views dashboard.
6. Manager manages employee leaves.
7. Employee logs in
8. Employee applies for leave
9. Manager reviews & approves/rejects leave
10. System updates records instantly

Tech Stack

Frontend: React

Styling: TailwindCSS

State Management: React Hooks / Context API

Deployment: Vercel

Data Source: Mock API

UI Screenshots (Placeholder)

Dashboard Page

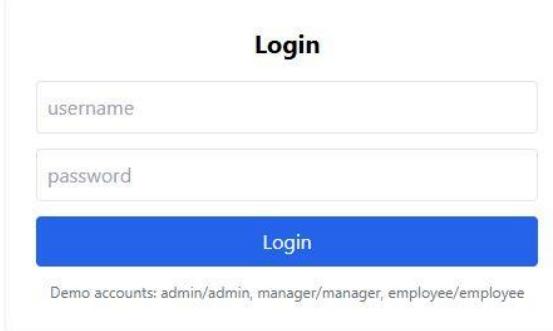


The dashboard page features a header with 'School HR' and navigation links for 'Employees' and 'Leaves'. It also shows the user 'Admin Alice (admin)' and a 'Logout' button. The main area is titled 'Dashboard' and contains three cards:

- Employees:** 2 (Manage)
- Leave Requests:** 1 (Manage)
- Pending:** 1

UI Screenshots (Placeholder)

Login Page



A placeholder image for the Login Page UI screenshot, represented by a light gray rectangle.

School HR

Login

username

password

Login

Demo accounts: admin/admin, manager/manager, employee/employee

UI Screenshots (Placeholder)

Employee List Page

The screenshot shows a web-based employee management system. At the top, there is a navigation bar with links for 'School', 'HR', 'Employees', and 'Leaves'. On the right side of the nav bar, it shows the user is 'Admin Alice (admin)' and includes a 'Logout' button. Below the nav bar, the page title is 'Employees'. A green 'Add' button is located in the top right corner of the main content area. The main content is a table listing employee details:

Name	Employee ID	Department	Position	Contact	Start Date	Actions
John Doe	EMP001	Math	Teacher	john@school.edu	2020-08-01	<button>Edit</button> <button>Delete</button>
Jane Smith	EMP002	Science	Lab Assistant	jane@school.edu	2019-09-15	<button>Edit</button> <button>Delete</button>

UI Screenshots (Placeholder)

Create Employee Page

The screenshot shows a user interface for creating a new employee. At the top, there is a navigation bar with 'School HR' and links for 'Employees' and 'Leaves'. On the right side of the nav bar, it shows 'Admin Alice (admin)' and a 'Logout' button. The main content area has a title 'New Employee' and contains six input fields: 'Name', 'Employee ID', 'Department', 'Position', 'Contact', and a date input field 'mm/dd/yyyy' with a calendar icon. Below these fields are two buttons: 'Save' (blue) and 'Cancel' (gray).

Name
Employee ID
Department
Position
Contact
mm/dd/yyyy

Save Cancel

UI Screenshots (Placeholder)

Edit Employee Page

The screenshot shows a user interface for editing employee information. At the top, there is a navigation bar with links for "School HR", "Employees", and "Leaves". On the right side of the navigation bar, it displays the user's name "Admin Alice (admin)" and a "Logout" button. The main content area is titled "Edit Employee" and contains the following form fields:

John Doe
EMP001
Math
Teacher
john@school.edu
08/01/2020

At the bottom of the form, there are two buttons: "Save" (blue) and "Cancel" (gray).

UI Screenshots (Placeholder)

Leave List Page

The screenshot shows a web-based leave management system. At the top, there is a navigation bar with links for 'School HR', 'Employees', and 'Leaves'. On the right side of the nav bar, it shows 'Admin Alice (admin)' and a 'Logout' button. Below the nav bar, the page title is 'Leave Requests'. There is a green 'New Leave' button on the right. A table lists a single leave request:

Employee	Type	Start	End	Reason	Status	Actions
John Doe	Annual	2025-12-15	2025-12-20	Family holiday	pending	<button>Approve</button> <button>Reject</button> <button>Edit</button>

UI Screenshots (Placeholder)

Create Leave Page

The screenshot shows a user interface for creating a new leave application. At the top, there is a navigation bar with links for 'School HR', 'Employees', and 'Leaves'. On the right side of the navigation bar, there is a user session indicator 'Admin Alice (admin)' and a red 'Logout' button. The main content area has a title 'New Leave' and contains the following form fields:

- A text input field containing 'EMP001'.
- A dropdown menu labeled 'Select type'.
- A date input field with a placeholder 'mm/dd/yyyy' and a calendar icon.
- A date input field with a placeholder 'mm/dd/yyyy' and a calendar icon.
- A text input field labeled 'Reason' with a text area for input.
- At the bottom, there are two buttons: a blue 'Save' button and a grey 'Cancel' button.

UI Screenshots (Placeholder)

Edit Leave Page

The screenshot shows a user interface for editing leave details. At the top, there is a navigation bar with 'School HR' and 'Employees' links, and a dropdown menu for 'Leaves'. On the right side of the navigation bar, there is a user session indicator 'Admin Alice (admin)' and a red 'Logout' button. Below the navigation bar, the main content area has a title 'Edit Leave' and a form with the following fields:

- Employee ID: EMP001
- Type: Annual (selected from a dropdown menu)
- Start Date: 12/15/2025 (with a calendar icon)
- End Date: 12/20/2025 (with a calendar icon)
- Description: Family holiday

At the bottom of the form, there are two buttons: a blue 'Save' button and a grey 'Cancel' button.

Challenges & Learnings

Challenges

Designing clean UI

Managing state & forms

Validating employee data

Learnings

Improved understanding of frontend architecture

Better UI/UX design practices

Experience with real-world features

Deployment & version control skills

Conclusion

The School Employee Management System:

- Digitizes staff records

- Simplifies leave management

- Reduces administrative workload

- Provides an efficient workflow for schools

Thank you!