

Title: Employee Leave Management System

Project Description:

Develop a basic employee leave management system for a small company with around 50 employees. The system aims to automate the process of requesting and approving leave requests, providing transparency and efficiency in managing employee absences.

Project Requirements:

1. User Authentication:

- Implement user authentication functionality to allow employees and managers to log in to the system securely.
- Create user roles for regular employees and managers with different permissions.

2. Leave Request Submission:

- Develop a form for employees to submit leave requests, including details such as leave type (e.g., vacation, sick leave), start date, end date, and reason for leave.
- Validate input fields to ensure completeness and accuracy of leave request information.

3. Leave Approval Workflow:

- Design a workflow for leave approval, where submitted leave requests are routed to the appropriate manager for review and approval.
- Allow managers to approve or reject leave requests and provide comments if necessary.

4. Leave Balances:

- Implement functionality to track and manage employee leave balances, including accrued vacation days, sick leave, and other types of leave.
- Update leave balances automatically when leave requests are approved or rejected.

5. Leave Calendar:

- Display a calendar view to visualize employee leave schedules and availability.
- Highlight approved leave requests and indicate when employees are on leave.

Learning Reference:

Learn and cover the following web development stack:

- 1.HTML
- 2.CSS
- 3.JavaScript
- 4.MySQL

If you want, you can also explore and cover other areas and technologies that you think are relevant to the project.

For reference, please review the following resources:

1	Basics (Data Types, array, object, loops, function)	https://developer.mozilla.org/en-US/docs/Web/JavaScript	1 hr		https://www.javascripttutorial.net/ https://developer.mozilla.org/en-US/docs/Web/JavaScript (For complete js documentation)
2	Array methods, Object methods	https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Array	1 hr		
3	DOM, Event, RegExp	https://developer.mozilla.org/en-US/docs/Web/API/Document	1.30 hr		
4	Callbacks, Promise, Async await	1. https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Asynchronous/Promises 2. https://developer.mozilla.org/en-US/docs/Learn/JavaScript/Asynchronous/Async_await	1 hr	https://www.youtube.com/playlist?list=PL4cUxeGkcC9jx2TTZk3IGWKSbtugYdrlu	
5	ES6	1. https://www.javascripttutorial.net/es6/ 2. https://youtu.be/NCwa_xi0Uuc	2 hr		
6	Handle API using Fetch (CRUD)	https://jsonplaceholder.typicode.com/			

Thank you for your efforts, and we look forward to reviewing your submission.

