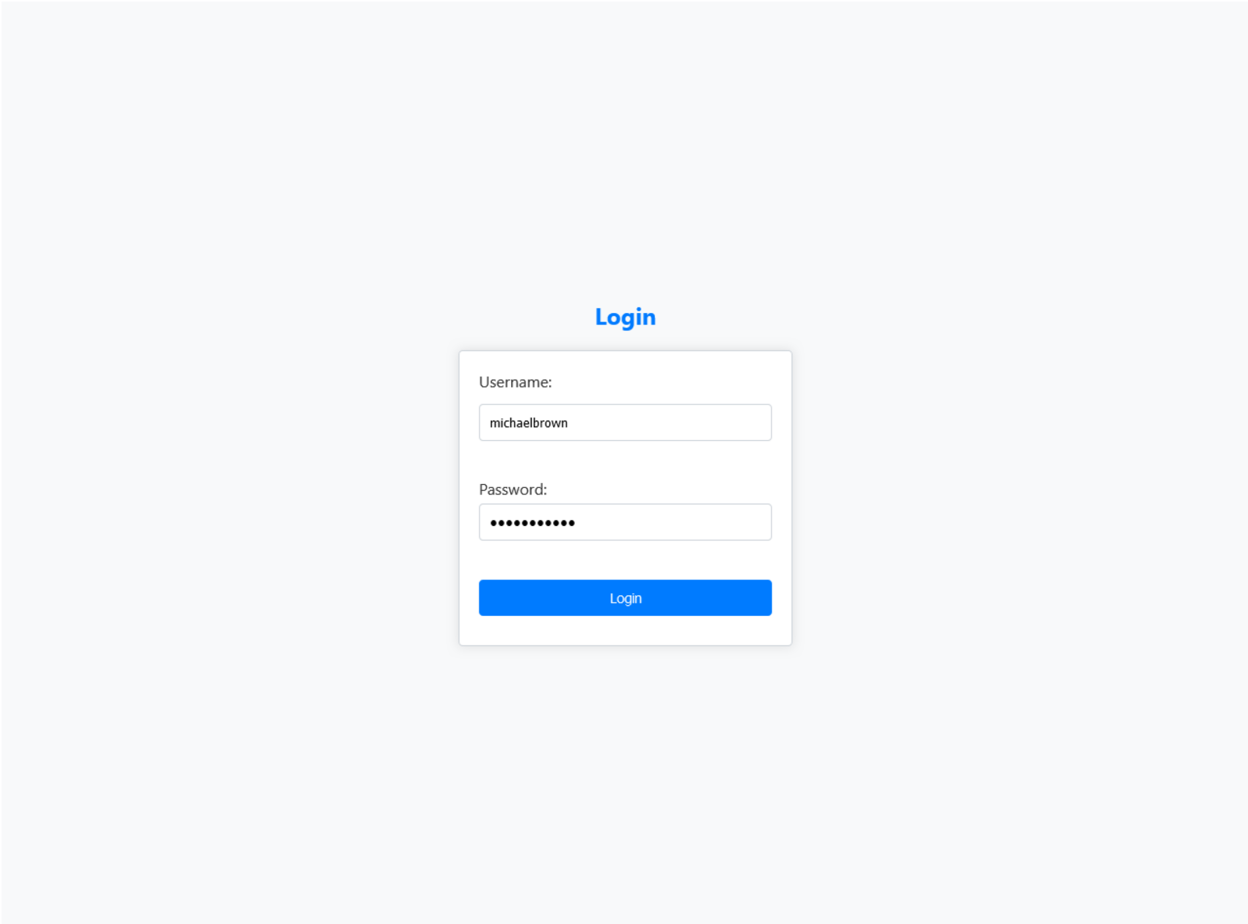
The task required different roles for different employees. This could be achieved in few ways. The approach I took, is to introduce the login functionality, to make it simple yet still secure.
To begin the user needs to log into the system:

(since it is the local environment, the address is localhost:3000/login ; and login is the main page)



Whenever user logs into the system, he/she will be presented with a dashboard. This component is divided into five sections. The title – Dashboard and a smaller subtitle “Welcome to the dashboard!”. Next is the separator and under this all of the components: Employee List, Project List, Leave Requests and Approval Requests.

This is what a user with “Administrator” or “HR Manager” role sees on the website (after login the user is being transferred to the Dashboard):

Dashboard

Welcome to the dashboard!

Employee List

Search by name

Name	Subdivision	Position	Status	Role	Actions	Details
John Doe	Finance	Accountant	active	Employee	Edit Deactivate	View Details Assign to Project
Jane Smith	HR	HR Manager	active	HR Manager	Edit Deactivate	View Details Assign to Project
Emily Johnson	IT	Developer	active	Project Manager	Edit Deactivate	View Details Assign to Project
Michael Brown	Admin	Admin Assistant	active	Administrator	Edit Deactivate	View Details Assign to Project

Add Employee

Project List

Search by project name or ID

ID	Status	Type	Start Date	End Date	Project Manager	Actions
1	Active	Web Development	21/06/2024	27/06/2024	Jane Smith	Open Update Deactivate
2	Active	Mobile App	01/02/2023	31/08/2023	Jane Smith	Open Update Deactivate
3	Closed	Marketing Campaign	01/03/2023	30/09/2023	John Doe	Open Update Deactivate

Add Project

Leave Requests

Search by request number

Request ID	Employee Name	Start Date	End Date	Type	Status	Actions
1	Emily Johnson	01/07/2023	07/07/2023	Vacation	Pending	View Details
2	Michael Brown	15/07/2023	20/07/2023	Sick Leave	Approved	View Details
3	Emily Johnson	01/08/2023	05/08/2023	Personal	Canceled	View Details

Approval Requests

Search by request number

Request Number	Employee Name	Start Date	End Date	Reason	Status	Actions
1	Emily Johnson	01/07/2023	07/07/2023	Vacation	Pending	View Details Approve Reject
2	Michael Brown	15/07/2023	20/07/2023	Sick Leave	Approved	View Details Approve Reject
3	Emily Johnson	01/08/2023	05/08/2023	Personal	Canceled	View Details Approve Reject

This is what a user with a role of “Project Manager” sees:

Dashboard

Welcome to the dashboard!

Employee List

Search by name

Name	Subdivision	Position	Status	Role	Details
John Doe	Finance	Accountant	active	Employee	View Details Assign to Project
Jane Smith	HR	HR Manager	active	HR Manager	View Details Assign to Project
Emily Johnson	IT	Developer	active	Project Manager	View Details Assign to Project
Michael Brown	Admin	Admin Assistant	active	Administrator	View Details Assign to Project

Project List

Search by project name or ID

ID	Status	Type	Start Date	End Date	Project Manager	Actions
1	Active	Web Development	21/06/2024	27/06/2024	Jane Smith	Open Update Deactivate
2	Active	Mobile App	01/02/2023	31/08/2023	Jane Smith	Open Update Deactivate
3	Closed	Marketing Campaign	01/03/2023	30/09/2023	John Doe	Open Update Deactivate

Add Project

Leave Requests

Search by request number

Request ID	Employee Name	Start Date	End Date	Type	Status	Actions
1	Emily Johnson	01/07/2023	07/07/2023	Vacation	Pending	View Details
2	Michael Brown	15/07/2023	20/07/2023	Sick Leave	Approved	View Details
3	Emily Johnson	01/08/2023	05/08/2023	Personal	Canceled	View Details

Approval Requests

Search by request number

Request Number	Employee Name	Start Date	End Date	Reason	Status	Actions
1	Emily Johnson	01/07/2023	07/07/2023	Vacation	Pending	View Details Approve Reject
2	Michael Brown	15/07/2023	20/07/2023	Sick Leave	Approved	View Details Approve Reject
3	Emily Johnson	01/08/2023	05/08/2023	Personal	Canceled	View Details Approve Reject

This is what a user with an "Employee" role sees:

Dashboard

Welcome to the dashboard!

Project List

Search by project name or ID

ID	Status	Type	Start Date	End Date	Project Manager
0	active		01/01/1970	01/01/1970	Tester
1	Active	Web Development	21/06/2024	27/06/2024	Jane Smith
2	closed	Mobile App	01/02/2023	31/08/2023	Jane Smith
3	Closed	Marketing Campaign	01/03/2023	30/09/2023	John Doe

Leave Requests

Create New Leave Request

Search by request number

Request ID	Employee Name	Start Date	End Date	Type	Status	Actions
1	Emily Johnson	01/07/2023	07/07/2023	Vacation	Pending	View Details Cancel
2	Michael Brown	15/07/2023	20/07/2023	Sick Leave	Approved	View Details Cancel
3	Emily Johnson	01/08/2023	05/08/2023	Personal	Canceled	View Details Cancel

An employee can create a new Leave Request:

Create Leave Request

Start Date:

dd / mm / yyyy

End Date:

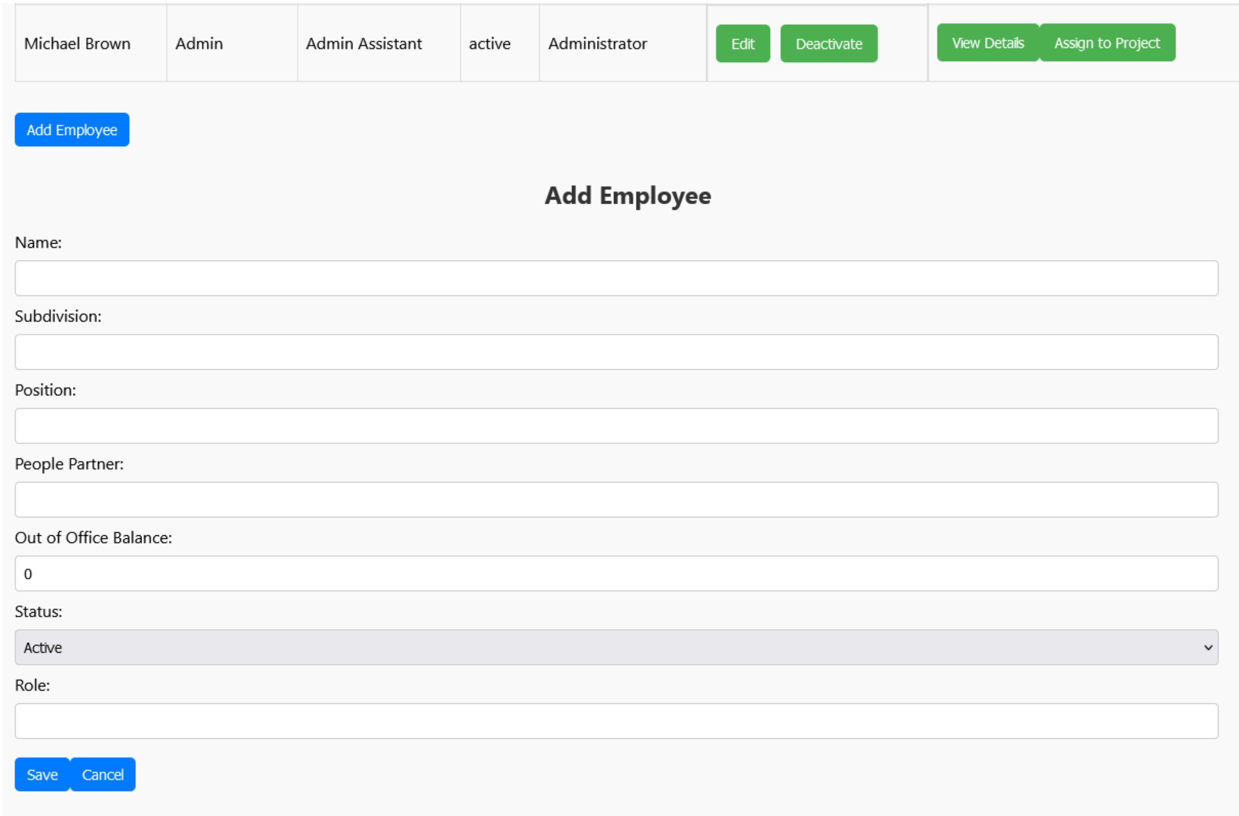
dd / mm / yyyy

Type:

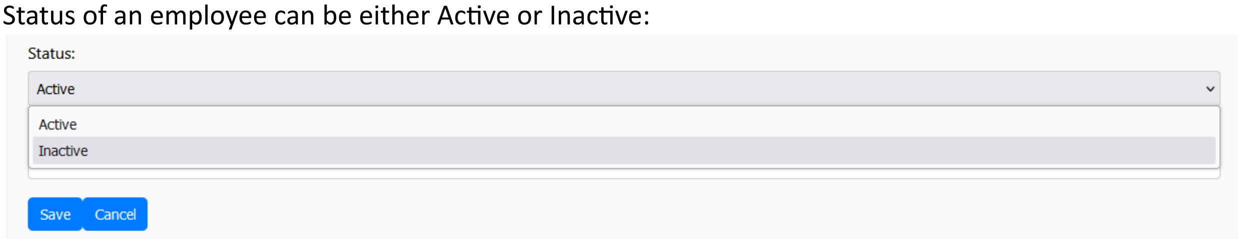
Select type

Submit Cancel

As you can see the dashboard is able to handle the roles, as it was intended in the task. The Administrator and HR Manager can add an employee:



Status of an employee can be either Active or Inactive:



Role needs to be typed into the box, in this case it is a number (1-4) because it is expecting the role id. It could be a dropdown list.

Add Employee

Name:

Tester

Subdivision:

Tester

Position:

Tester

People Partner:

Tester

Out of Office Balance:

5

Status:

Active

Role:

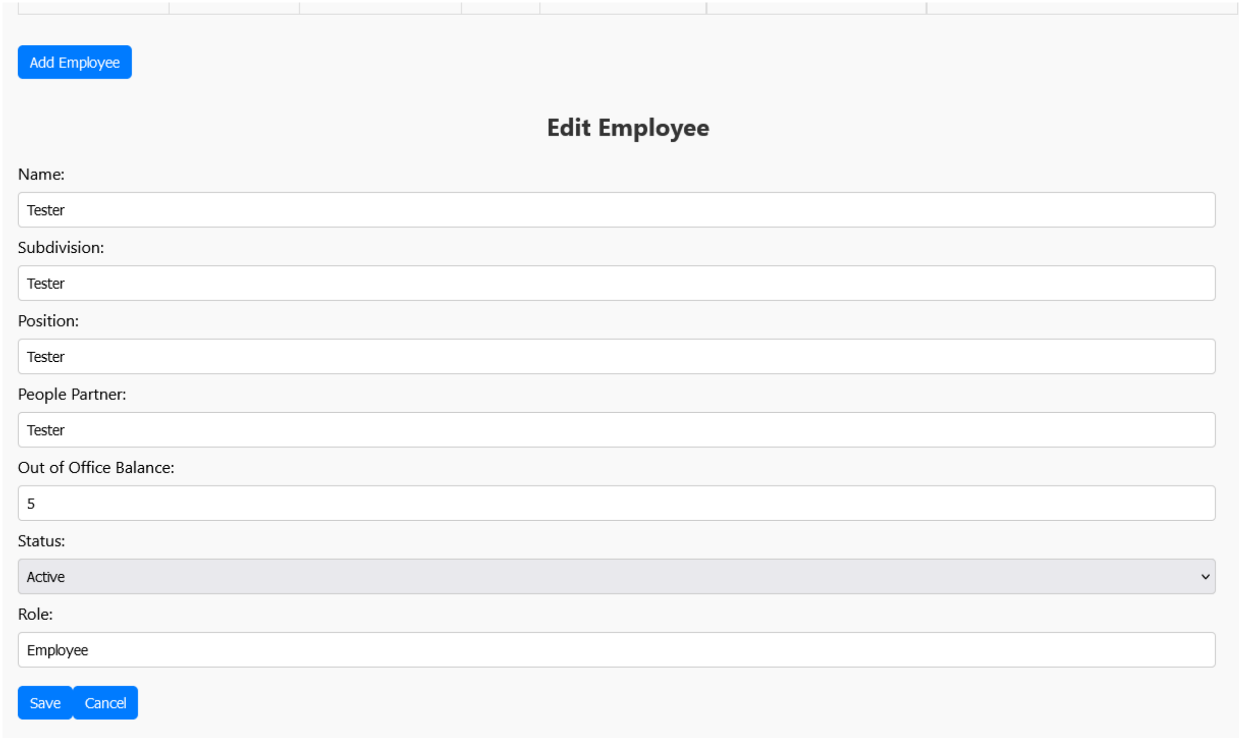
1

Save Cancel

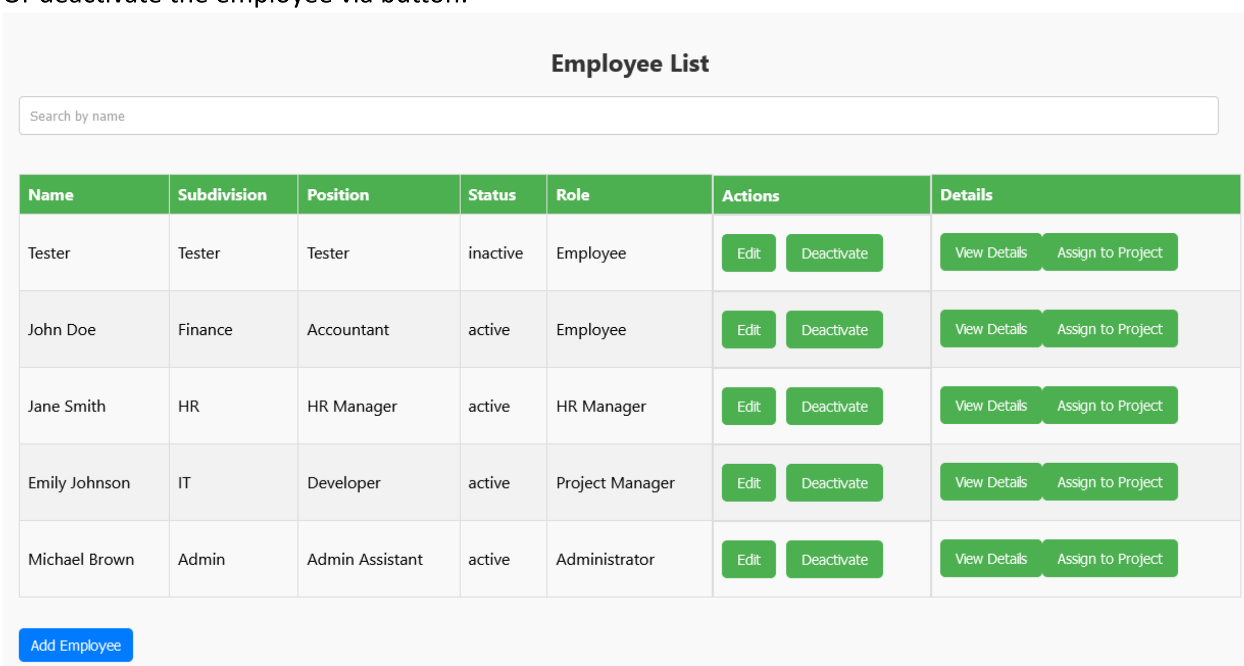
When pressing save, the newly created employee will be visible in the table:

Name	Subdivision	Position	Status	Role	Actions	Details
Tester	Tester	Tester	active	Employee	Edit Deactivate	View Details Assign to Project
John Doe	Finance	Accountant	active	Employee	Edit Deactivate	View Details Assign to Project
Jane Smith	HR	HR Manager	active	HR Manager	Edit Deactivate	View Details Assign to Project
Emily Johnson	IT	Developer	active	Project Manager	Edit Deactivate	View Details Assign to Project
Michael Brown	Admin	Admin Assistant	active	Administrator	Edit Deactivate	View Details Assign to Project

HR Manager and Administrator can also edit an employee:



Or deactivate the employee via button:



Employee List

Search by name

Name	Subdivision	Position	Status	Role	Actions	Details
Tester	Tester	Tester	inactive	Employee	Edit Deactivate	View Details Assign to Project
John Doe	Finance	Accountant	active	Employee	Edit Deactivate	View Details Assign to Project
Jane Smith	HR	HR Manager	active	HR Manager	Edit Deactivate	View Details Assign to Project
Emily Johnson	IT	Developer	active	Project Manager	Edit Deactivate	View Details Assign to Project
Michael Brown	Admin	Admin Assistant	active	Administrator	Edit Deactivate	View Details Assign to Project

Add Employee

If they press the “View Details”:

Employee Details

Name: Tester

Subdivision: Tester

Position: Tester

Status: active

Role: Employee

Close

Or Assign to Project:

Assign Project

Project:

Select a project

Assign Cancel

Project:

Select a project

Select a project
Web Development
Mobile App
Marketing Campaign

Project List

They can sort the table with the table headers:
before:

Name	Subdivision	Position	Status	Role	Actions	Details
Tester	Tester	Tester	active	Employee	Edit Deactivate	View Details Assign to Project
Emily Johnson	IT	Developer	active	Project Manager	Edit Deactivate	View Details Assign to Project
Jane Smith	HR	HR Manager	active	HR Manager	Edit Deactivate	View Details Assign to Project
John Doe	Finance	Accountant	active	Employee	Edit Deactivate	View Details Assign to Project
Michael Brown	Admin	Admin Assistant	active	Administrator	Edit Deactivate	View Details Assign to Project

Add Employee

And after sorting by Position:

Name	Subdivision	Position	Status	Role	Actions	Details
John Doe	Finance	Accountant	active	Employee	Edit Deactivate	View Details Assign to Project
Michael Brown	Admin	Admin Assistant	active	Administrator	Edit Deactivate	View Details Assign to Project
Emily Johnson	IT	Developer	active	Project Manager	Edit Deactivate	View Details Assign to Project
Jane Smith	HR	HR Manager	active	HR Manager	Edit Deactivate	View Details Assign to Project
Tester	Tester	Tester	active	Employee	Edit Deactivate	View Details Assign to Project

Add Employee

Role:

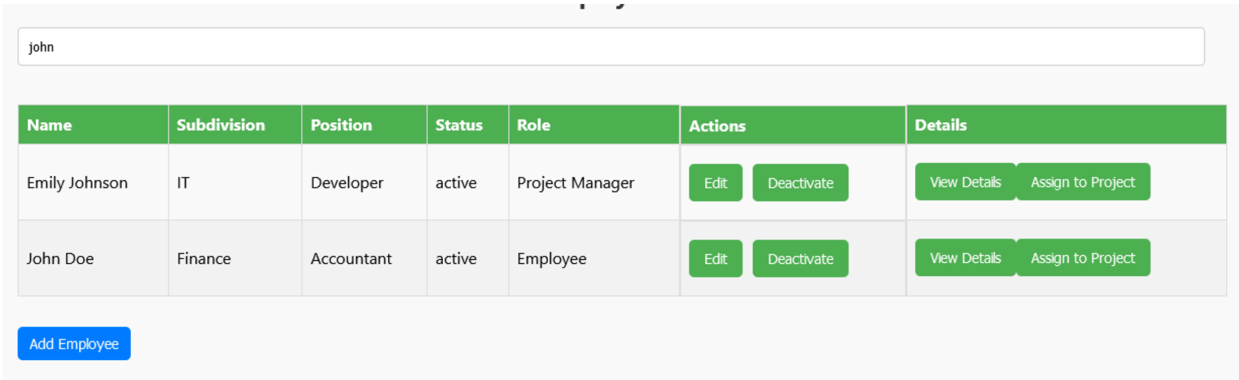
Name	Subdivision	Position	Status	Role	Actions	Details
Tester	Tester	Tester	active	Employee	Edit Deactivate	View Details Assign to Project
John Doe	Finance	Accountant	active	Employee	Edit Deactivate	View Details Assign to Project
Jane Smith	HR	HR Manager	active	HR Manager	Edit Deactivate	View Details Assign to Project
Emily Johnson	IT	Developer	active	Project Manager	Edit Deactivate	View Details Assign to Project
Michael Brown	Admin	Admin Assistant	active	Administrator	Edit Deactivate	View Details Assign to Project

Add Employee

Name:

Name	Subdivision	Position	Status	Role	Actions	Details
Emily Johnson	IT	Developer	active	Project Manager	Edit Deactivate	View Details Assign to Project
Jane Smith	HR	HR Manager	active	HR Manager	Edit Deactivate	View Details Assign to Project
John Doe	Finance	Accountant	active	Employee	Edit Deactivate	View Details Assign to Project
Michael Brown	Admin	Admin Assistant	active	Administrator	Edit Deactivate	View Details Assign to Project
Tester	Tester	Tester	active	Employee	Edit Deactivate	View Details Assign to Project

They can also search by name:



Name	Subdivision	Position	Status	Role	Actions	Details
Emily Johnson	IT	Developer	active	Project Manager	Edit Deactivate	View Details Assign to Project
John Doe	Finance	Accountant	active	Employee	Edit Deactivate	View Details Assign to Project

Project Manager or Administrator can view the details of a project by pressing the Open button on the Project List.

ID	Status	Type	Start Date	End Date	Project Manager	Actions
0	active		01/01/1970	01/01/1970	Tester	Open Update Deactivate
1	Active	Web Development	21/06/2024	27/06/2024	Jane Smith	Open Update Deactivate
2	Active	Mobile App	01/02/2023	31/08/2023	Jane Smith	Open Update Deactivate
3	Closed	Marketing Campaign	01/03/2023	30/09/2023	John Doe	Open Update Deactivate

Add Project

Project Details

ID: 0

Status:
active

Type:

Start Date:
01/01/1970

End Date:
01/01/1970

Comment:

Project Manager

Full Name:
Tester

Subdivision:
Tester

Position:
Tester

Status:
active

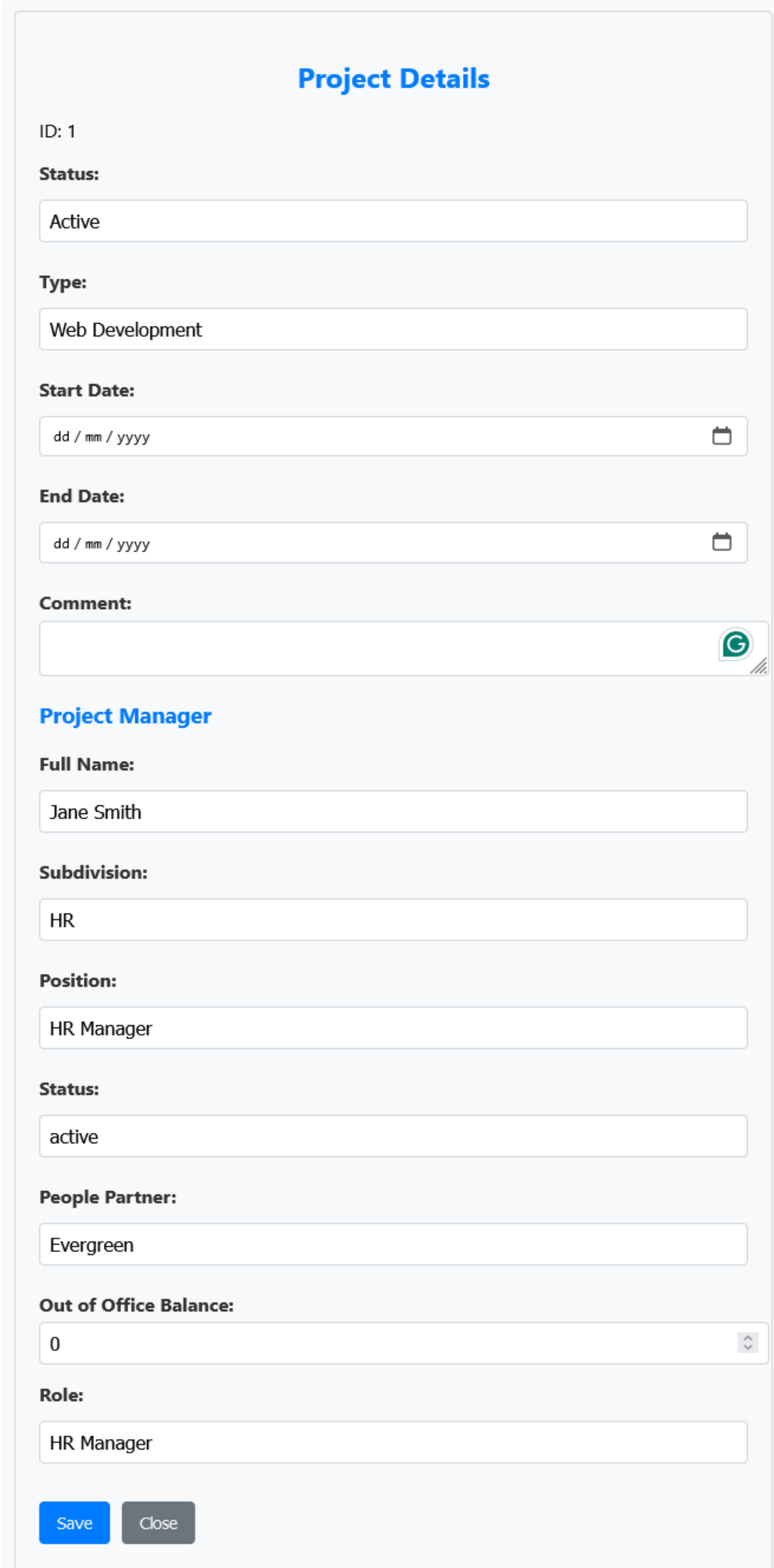
People Partner:
Tester

Out of Office Balance:
5

Role:
Employee

Close

None of the fields are editable here. They can update the project by pressing the update button:



They can also close the project by clicking the “Deactivate” button:

ID	Status	Type	Start Date	End Date	Project Manager	Actions
0	active		01/01/1970	01/01/1970	Tester	Open Update Deactivate
1	Active	Web Development	21/06/2024	27/06/2024	Jane Smith	Open Update Deactivate
2	closed	Mobile App	01/02/2023	31/08/2023	Jane Smith	Open Update Deactivate
3	Closed	Marketing Campaign	01/03/2023	30/09/2023	John Doe	Open Update Deactivate

In above, I closed the Mobile App project. They can sort the table by headers and search by project name or project ID.

For the Leave Request all the roles, except Employee can only view the details of the leave request, which is basically what is in the table.

For the approval requests, the role that has access to it can view details, approve it or reject it. If the request is being approved or rejected the status is being updated:

Approval Requests

Search by request number

Request Number	Employee Name	Start Date	End Date	Reason	Status	Actions
1	Emily Johnson	01/07/2023	07/07/2023	Vacation	Pending	View Details Approve Reject
2	Michael Brown	15/07/2023	20/07/2023	Sick Leave	rejected	View Details Approve Reject
3	Emily Johnson	01/08/2023	05/08/2023	Personal	rejected	View Details Approve Reject

Approval Request Details

Request Number: 1

Employee Name: Emily Johnson

Start Date: 01/07/2023

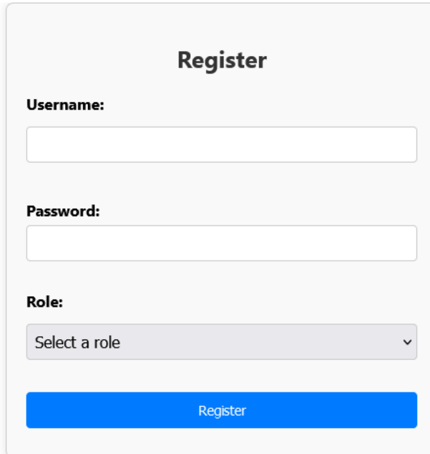
End Date: 07/07/2023

Reason: Vacation

Status: Pending

Close

There is also a register functionality to register the user:



Each employee has a user.

Additional notes:

1. The task did not say anything about the routing, so there is no routing different than Login and dashboard.

2. It was not specified if the details should be visible as a new component or not, hence the details are visible as a new component but on the same dashboard (this counts towards the 1 point, routing).