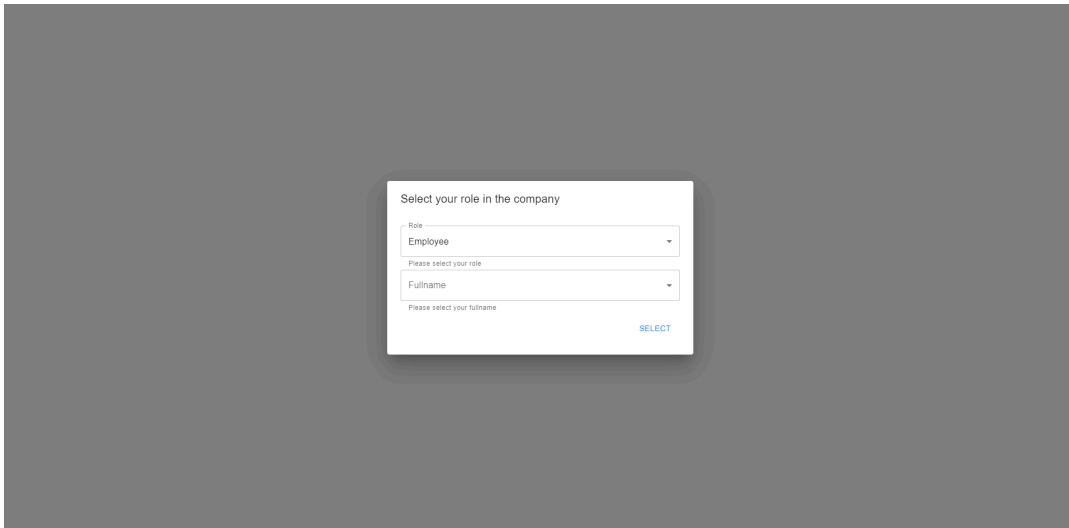


“Creating an app for the Out of Office solution” Some Results

By Gabriela Panqueva

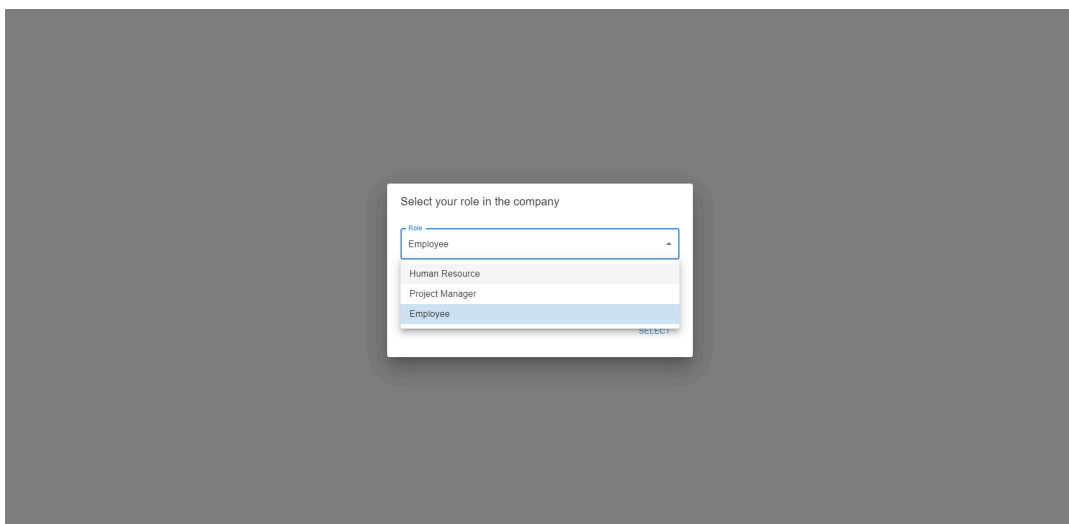
This document presents a brief summary of the functionalities of the app created to solve the proposed CRUD problem.

Technologies used: React JS, Node.js and MySQL.



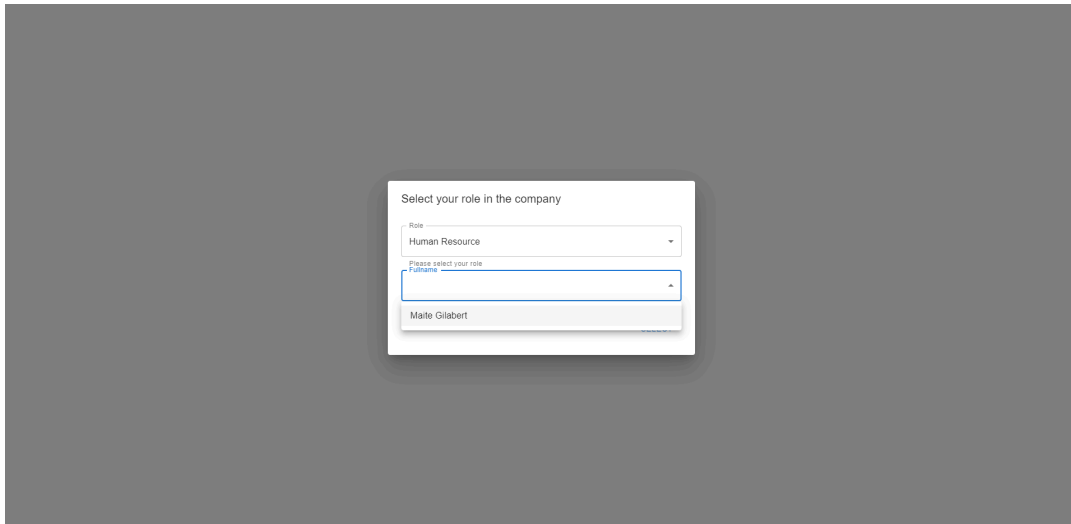
A screenshot of a login form titled "Select your role in the company". The form is centered on a dark gray background. It contains two dropdown menus. The first dropdown is labeled "Role" and has "Employee" selected. Below it is a label "Please select your role". The second dropdown is labeled "Fullname" and is empty. Below it is a label "Please select your fullname". A blue "SELECT" button is located at the bottom right of the form.

First of all, there is a menu that allows you to select the role in the company.

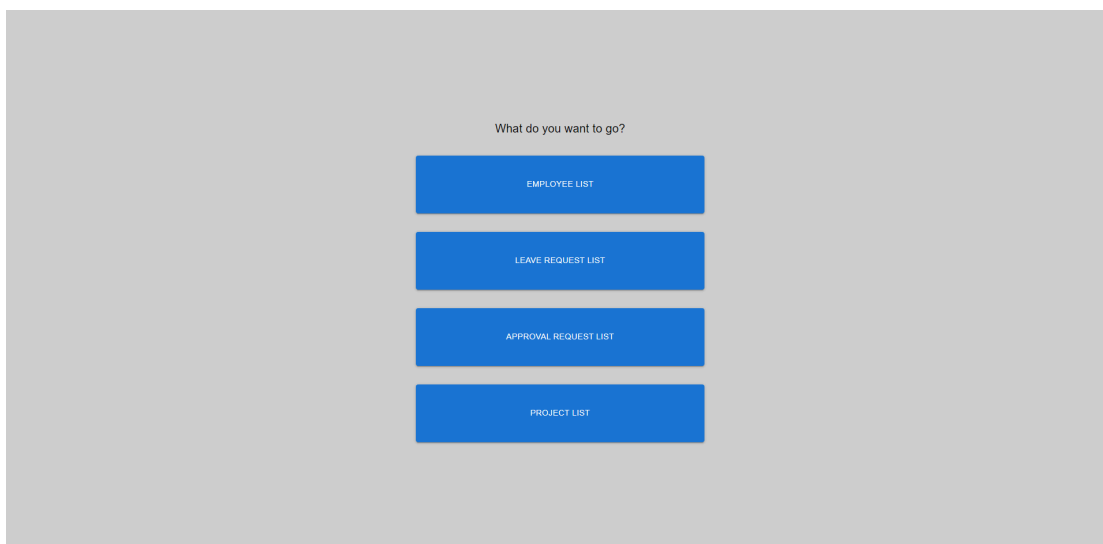


A screenshot of the role selection dropdown menu. The dropdown is open, showing a list of roles: "Employee", "Human Resource", "Project Manager", and "Employee". The first "Employee" option is highlighted in blue. The "SELECT" button is visible at the bottom right of the dropdown.

So far, there are only three roles, which can be seen in the menu.



When the role is chosen, the app brings up all employees with that role. This step is important since there is no authorized access system. So this is the way for the application to know which user is logging in.



After selecting our user, the different directories of the application are displayed on the screen. In this case, the user has the HR role, therefore has access to all lists.

Human Resource Dabsboard							
Employee List							CREATE USER
Filter By	Search by	SEARCH					
Fullname	Subdivision	Position	Status	HR Partner	PM Partner	Out-Of-Office Balance	Actions
Mate Gilbert	Subdivision1	Human Resource	Active	1		10	Edit Delete
Rows per page: 5 1-5 < >							

As you can see, so far we only have one person. This registration was done manually by MySQL to have at least one user to create the others. The others are created with the option to create an employee by clicking on the button located in the upper right.

Human Resource Dabsboard							
Employee List							CREATE USER
Filter By	Search by	SEARCH					
Fullname	Subdivision	Position	Status	HR Partner	PM Partner	Out-Of-Office Balance	Actions
Mate Gilbert	Subdivision1	Human Resource	Active	1		10	Edit Delete
Rows per page: 5 1-5 < >							

Create Employee

Fullname

Subdivision

Position

Status

Active

Please select the status

Human Resource Partner

1

Project Manager Partner

1

Out-of-office balance

0

BACK

APPLY

Then, a form appears to fill out the new employee's information.

Human Resource Dashboard

Employee List

Filter By Search by SEARCH

Fullname Subdivision Position

Maite Gilabert Subdivision1 Human Resource

Out-Of-Office Balance Actions

10 Rows per page 5 1-5 < >

Create Employee

Fullname Agurtzane Sterling

Subdivision Subdivision2

Position Project Manager

Status Active

Please select the status

Human Resource Partner 1

Project Manager Partner 2

Out-of-office balance 16

BACK APPLY

When we fill it out, all we have to do is click on apply.

Human Resource Dashboard

Employee List

Filter By Search by SEARCH

CREATE USER

Fullname	Subdivision	Position	Status	HR Partner	PM Partner	Out-Of-Office Balance	Actions
Maite Gilabert	Subdivision1	Human Resource	Active	1		10	<input type="text"/> <input type="text"/>
Agurtzane Sterling	Subdivision2	Project Manager	Active	1	2	16	<input type="text"/> <input type="text"/>

Rows per page 5 1-5 < >

And now we have another employee in the system. It should be noted that this panel only shows the employees of the current user. In this case, they have HR Partner 1 (and 1 is the current user).

Human Resource Dabhsboard





Employee List

CREATE USER

Filter By

Search by

SEARCH

Fullname	Subdivision	Position	Status	HR Partner	PM Partner	Out-Of-Office Balance	Actions
Agurtzane Sterling	Subdivision2	Project Manager	Active	1	2	16	 
Matte Gilabert	Subdivision1	Human Resource	Active	1		10	 

Rows per page 5 1-5 < >

We have the sorters in the table headers, so we can sort ascending or descending by any column.

Human Resource Dabhsboard

Employee List

CREATE USER

Filter By

Search by

SEARCH

Fullname





Subdivision

Position

Status

PM Partner

Out-Of-Office Balance

Subdivision	Position	Status	HR Partner	PM Partner	Out-Of-Office Balance	Actions
Subdivision2	Project Manager	Active	1	2	16	 
Subdivision1	Human Resource	Active	1		10	 

Rows per page 5 1-5 < >

Next, we have the filters. We can filter rows using some columns.

Human Resource Dahnboard

Employee List

Filter By



Out-Off-Offi...

Search by

10

SEARCH

CREATE USER

Fullname ↑	Subdivision ↑	Position ↑	Status ↑	HR Partner ↑	PM Partner ↑	Out-Off-Office Balance ↑	Actions ↑
Maite Gilabert	Subdivision1	Human Resource	Active	1		10	 

Rows per page 5 1-5 < >

In this case, we filter the rows using the "Out-Of-Office Balance" column with a value of 10.

Human Resource Dahnboard

Employee List

Filter By



Out-Off-Offi...

Search by

10

SEARCH

CREATE USER

Fullname ↑	Subdivision ↑	Position ↑	Status ↑	HR Partner ↑	PM Partner ↑	Out-Off-Office Balance ↑	Actions ↑
Maite Gilabert	Subdivision1	Human Resource	Active	1		10	 

Rows per page 5 1-5 < >

View Employee

Fullname

Maite Gilabert

Subdivision

Subdivision1

Position

Human Resource

Status

Active

Please select the status

Human Resource Partner

1

Project Manager Partner

Out-of-office balance

10

BACK





APPLY

Apart from creating, you can also modify the users, just fill out the form and click on "Apply".

Human Resource Dashboard

Employee List CREATE USER

Filter By: Out-Of-Office... Search by: 10 SEARCH

Fullname ↑	Subdivision ↑	Position ↑	Status ↑	HR Partner ↑	PM Partner ↑	Out-Of-Office Balance ↑	Actions ↑
Maite Gilabert	Subdivision1	Human Resource	Active	1		10	 
Agurtzane Sterling	Subdivision2	Project Manager	Active	1	2	16	 

Are you sure you want to deactivate this employee?

DEACTIVATE BACK





Rows per page: 5 1-5 < >

On the other hand, users can be deactivated.

Human Resource Dashboard

Employee List CREATE USER

Filter By: Search by: SEARCH

Fullname ↑	Subdivision ↑	Position ↑	Status ↑	HR Partner ↑	PM Partner ↑	Out-Of-Office Balance ↑	Actions ↑
Maite Gilabert	Subdivision1	Human Resource	Inactive	1		10	 
Agurtzane Sterling	Subdivision2	Project Manager	Active	1	2	16	 

Rows per page: 5 1-5 < >

When an employee is deactivated, their status becomes "Inactive"

Project Manager Dashboard

Project List CREATE PROJECT

Filter By Search by SEARCH

Project type Start date End date Manager Status Actions

Rows per page 5 1-5 < >

Create Project

Type

Start date

End date

Manager

Comment

Status

Please select the status

BACK APPLY

Now, we move on to the projects section of the Project Manager. To get to this panel it is similar to what was done at the beginning, just select "Project Manager" in the menu and select the user. Options will appear to navigate between lists of employees, projects, leave requests and approve requests. Now we are in the form of creating a new project.

Project Manager Dashboard

Project List CREATE PROJECT

Filter By Search by SEARCH

Project type	Start date	End date	Manager	Comment	Status	Actions
Development	2024-07-10	2024-07-27	2		Active	<input type="button" value="i"/> <input type="button" value="p"/> <input type="button" value="d"/>

Rows per page 5 1-5 < >

Now you have a new project in the system. The process is similar to what was seen when creating a new employee before.





Project Manager Dabsboard

Employee List

Filter By

Search by

SEARCH

Fullname ↑	Subdivision ↑	Position ↑	Status ↑	HR Partner ↑	PM Partner ↑	Out-Of-Office Balance ↑	Actions ↑
Agurtzane Sterling	Subdivision2	Project Manager	Active	1	2	16	 
Rüstem Albertsen	Subdivision1	Employee	Active	1	2	5	 

Rows per page 5 1-5 < >

On the other hand, by going to the employee list, you can see the employees of the current user, as well as in the Human Resources panel. However, in this you cannot create or modify employees, you can only view the information and assign projects.





Project Manager Dabsboard

Employee List

Filter By

Search by

SEARCH

Fullname ↑	Subdivision ↑	Position ↑	Status ↑	HR Partner ↑	PM Partner ↑	Out-Of-Office Balance ↑	Actions ↑
Agurtzane Sterling	Subdivision2	Project Manager	Active	1	2	16	 
Rüstem Albertsen	Subdivision1	Employee	Active	1	2	5	 

Rows per page 5 1-5 < >

View Employee

Fullname

Agurtzane Sterling

Subdivision

Subdivision2

Position

Project Manager

Status

Active

Please select the status

Human Resource Partner

1

Project Manager Partner

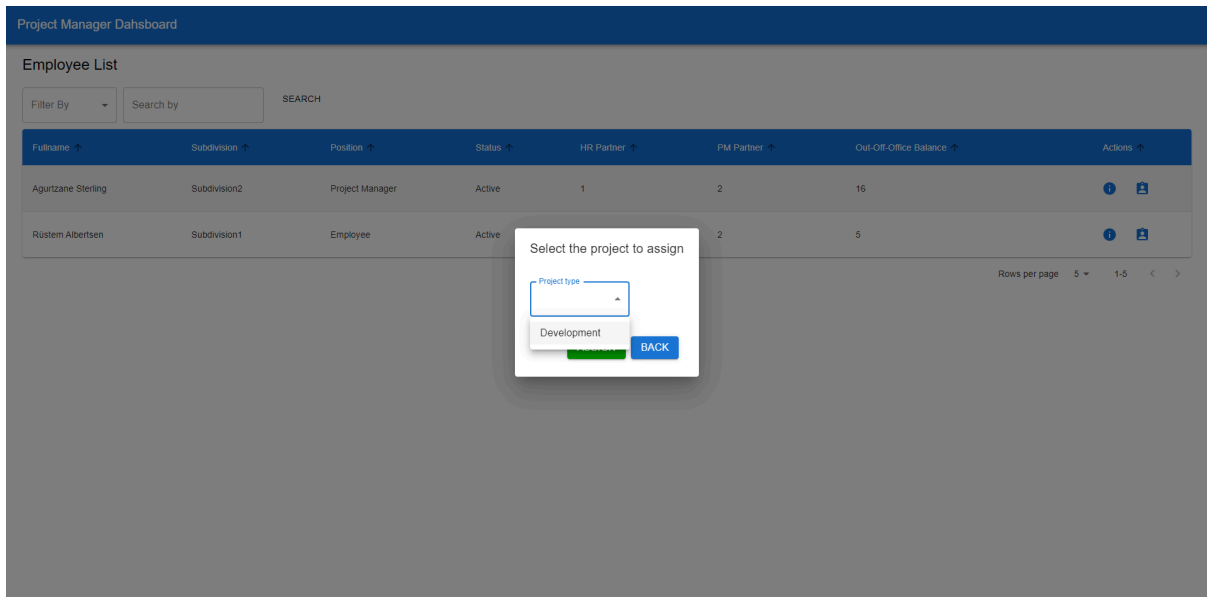
2

Out-of-office balance

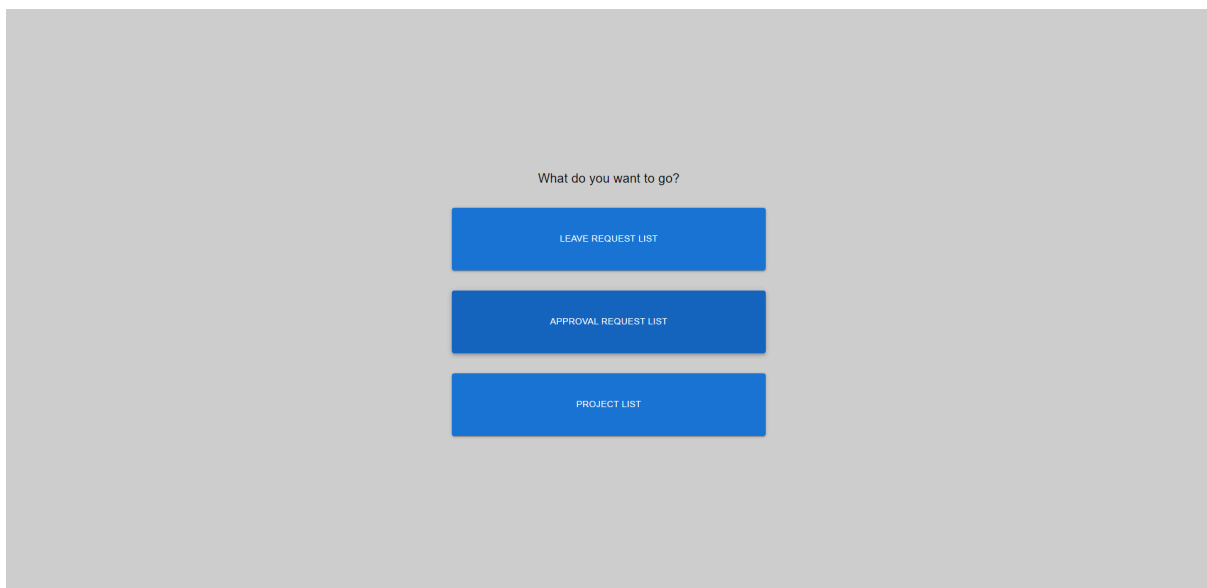
16

BACK

View of the data of one of the employees.



Now we will try to assign a project to an employee. In this case, we only have one project, so the list only has one.



A project has already been assigned to one of the employees, so the appearance of the project in the employee panel will be shown below. But before that, it shows what the employee options look like, it is similar to that of Human Resources and Project Manager, but without access to the employee list.

Company Employee Dahsboard

Project List

Filter By

Search by

SEARCH

Project type ↑	Start date ↑	End date ↑	Manager ↑	Comment ↑	Status ↑	Actions ↑
Development	2024-07-10	2024-07-27	2		Active	<div>1</div>

Rows per page51-5<>

As you can see, there is the project that was previously assigned in the employee's panel. You can only see its information, it cannot be edited.

Company Employee Dahsboard

Leave request List

Filter By

Search by

SEARCH

CREATE LEAVE REQUEST

Employee ↑	Absence reason ↑	Status ↑	Actions ↑
------------	------------------	----------	-----------

Rows per page51-5<>

Create Request

Absence reason

Start date

End date

Comment

Status




Active

Please select the status

BACK

APPLY

Now, the creation of a leave request by an employee is being shown.

Company Employee Dahnboard						
Leave request List						CREATE LEAVE REQUEST
Filter By	Search by	SEARCH				
Employee	Absence reason	Start date	End date	Comment	Status	Actions
3	A valid reason	2024-07-10	2024-07-27		Active	  
Rows per page 5 1-5 < >						

Here the leave request has already been created, it can be modified, canceled and submitted. It will be submitted and shown below how an approval request is automatically created.

Company Employee Dahnboard

Approval List

Filter By

Search by

SEARCH

HR Approver	PM Approver	Leave request	Comment	Status	Actions
1	2	1		Submitted	<div>1</div>

Rows per page51-5<>

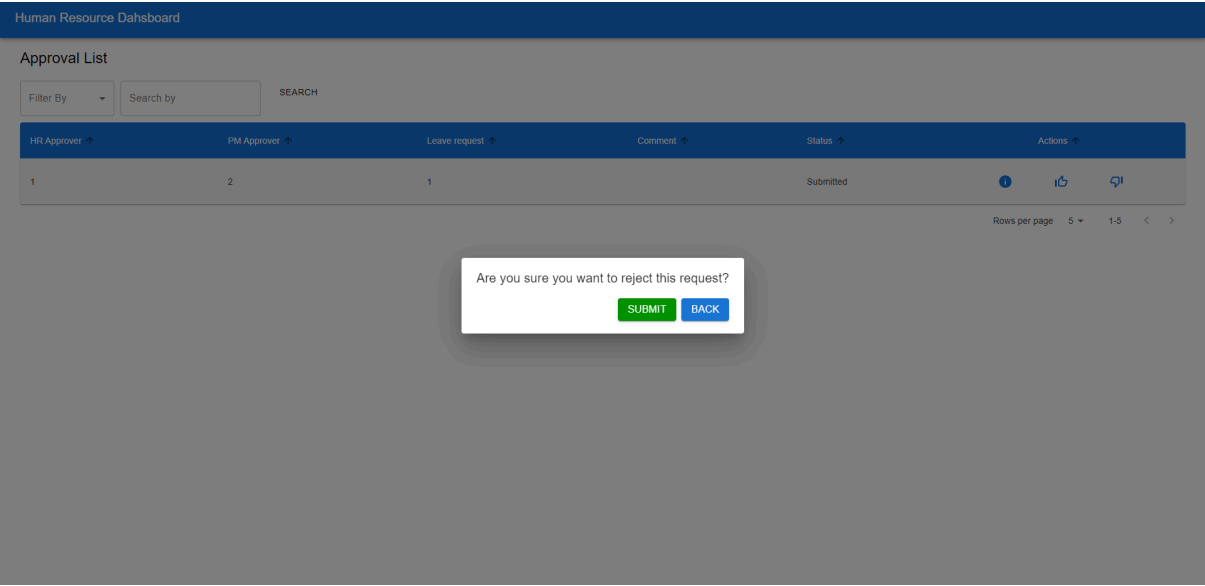
These are the data that correspond to the leave request, you have the ID which in this case is 1.

Human Resource Dahnboard						
Leave Request List						
Filter By	Search by	SEARCH				
Employee	Absence reason	Start date	End date	Comment	Status	Actions
3	A valid reason	2024-07-10	2024-07-27		Submitted	
Rows per page 5 1-5 < >						

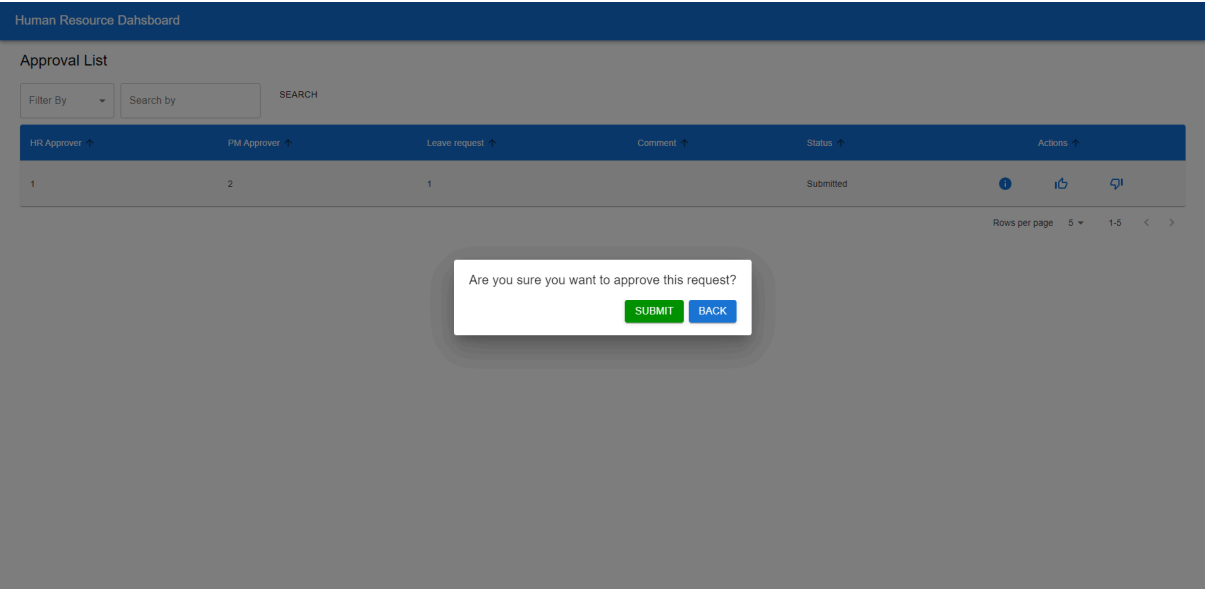
When we move to the leave request panel of the Human Resource user, we can see that we have the leave request that was just created. It should be noted that it is seen because it is the Human Resource partner panel of the user who created the leave request.

Human Resource Dahnboard						
Approval List						
Filter By	Search by	SEARCH				
HR Approver	PM Approver	Leave request	Comment	Status	Actions	
1	2	1		Submitted		
Rows per page 5 1-5 < >						

As the submit had been made, it is also observed that the approval request exists in the Human Resource user who is a partner of the user who submitted the leave request. You can view the approval request information, as well as approve or reject it.



This image shows what the panel looks like when you want to reject the approval request.



Similar to the previous one, this image shows the approval of an approval request. After approving or rejecting, the status of the request is updated to Rejected or Approved.

Human Resource Dahsboard

Approval List

Filter By

Search by

SEARCH

HR Approver	PM Approver	Leave request	Comment	Status	Actions
1	2	1		Approved	<div><div>1</div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div>





Rows per page51-5<>

After you approve or reject an approval request, the approve and reject options are disabled, and you can only view the request information.

Now, let's see with the following screenshots, what the employee panels of two users with human resource position look like.

Human Resource Dashboard						
Employee List						CREATE USER
Filter By	Search by	SEARCH				
Fullname	Subdivision	Position	Status	HR Partner	PM Partner	Out-Of-Office Balance
Maite Gilabert	Subdivision1	Human Resource	Inactive	1		10
Agurtzane Sterling	Subdivision2	Project Manager	Active	1	2	16
Rustem Albertsen	Subdivision1	Employee	Active	1	2	5
Dušanika Tomáš	Subdivision3	Employee	Active	1	2	0
Rows per page 5 1-5 < >						

Here we see the employees who have ID 1 as Human Resource Partner.

Human Resource Dahnboard							
Employee List							CREATE USER
Filter By	Search by	SEARCH					
Fullname	Subdivision	Position	Status	HR Partner	PM Partner	Out-Of-Office Balance	Actions
Jet Szalai	Subdivision2	Human Resource	Active	4	2	15	 
Suntha Janičková	Subdivision2	Employee	Active	4	2	0	 
Rows per page 5 1-5 < >							

And now, we see the employees who have ID 4 as Human Resource Partner. As you can see, for each user with a Human Resource position, only the employees who have him as a partner are shown. The same thing happens with Project Managers, they only see their employees. And the Leave Request and Approval request panels work in the same way, it only shows the information of the employees of the user who owns the panel.

On the other hand, projects with names development, DevOps, Frontend and Backend have been created. Also, the Development and Frontend projects have been assigned to employees who have user ID 1 as Human Resource Partner. Employees who have user ID 4 as a Human Resource Partner were assigned the DevOps and Frontend projects, and none were assigned the Backend project.

Project Manager Dahnboard

Project List

CREATE PROJECT

Filter By

Search by

SEARCH

Project type	Start date	End date	Manager	Comment	Status	Actions
Development	2024-07-10	2024-07-27	2		Active	<div><div></div><div></div><div></div></div>
DevOp	2024-07-10	2024-07-31	2		Active	<div><div></div><div></div><div></div></div>
Frontend	2024-07-19	2024-07-22	2		Active	<div><div></div><div></div><div></div></div>
Backend	2024-07-13	2024-07-17	2		Active	<div><div></div><div></div><div></div></div>

Rows per page

5

1-5

<

>

Projects created by a Project Manager user.

Human Resource Dabsboard						
Project List						
Filter By	Search by	SEARCH				
Project type	Start date	End date	Manager	Comment	Status	Actions
Development	2024-07-10	2024-07-27	2		Active	1
Frontend	2024-07-19	2024-07-22	2		Active	1

Rows per page 5 1-5 < >

This is the project dashboard for user with ID 1. As you can see, it shows only the projects that his employees are assigned to.

Human Resource Dabsboard						
Project List						
Filter By	Search by	SEARCH				
Project type	Start date	End date	Manager	Comment	Status	Actions
DevOp	2024-07-10	2024-07-31	2		Active	1
Frontend	2024-07-19	2024-07-22	2		Active	1

Rows per page 5 1-5 < >

The same happens with the user with ID 4, this is how his dashboard looks like.

Important note: Every time you perform an operation, you must return to the home page and navigate back to the panel. This is because the changes can be seen when reloading the pages, but when doing so, the information of the user who entered the page is lost, so you have to navigate from the beginning for each change.