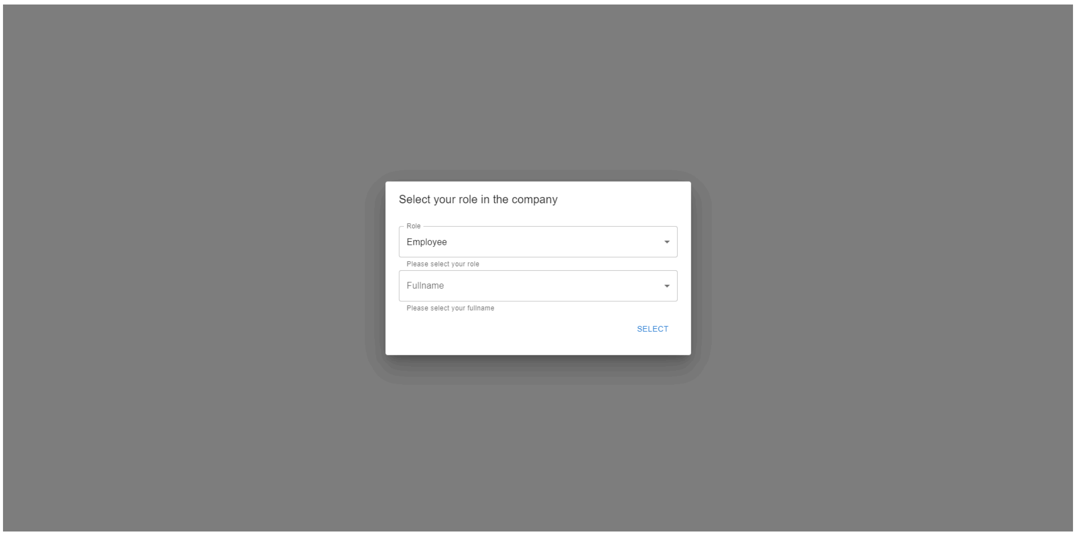
"Creating an app for the Out of Office solution" Some Results

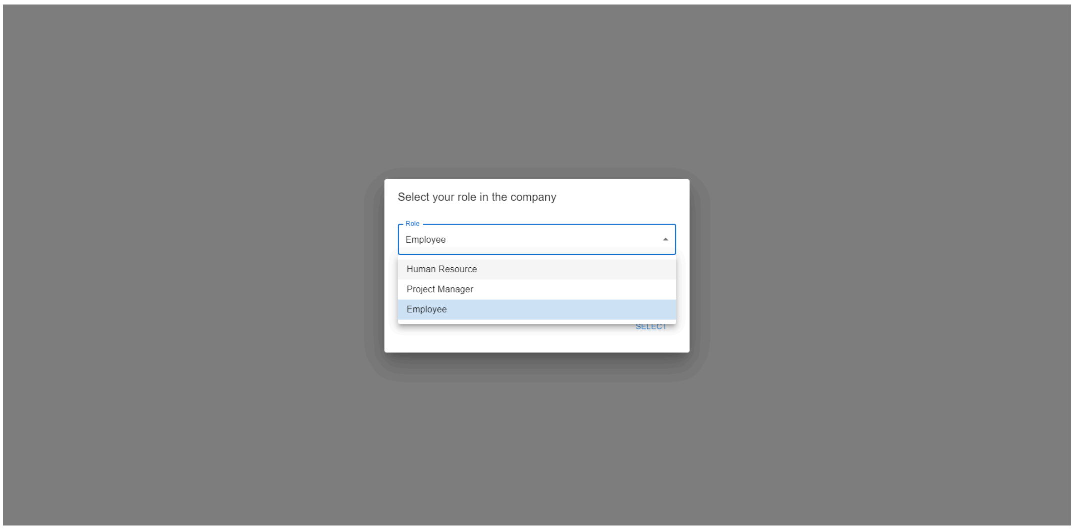
By Gabriela Panqueva

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

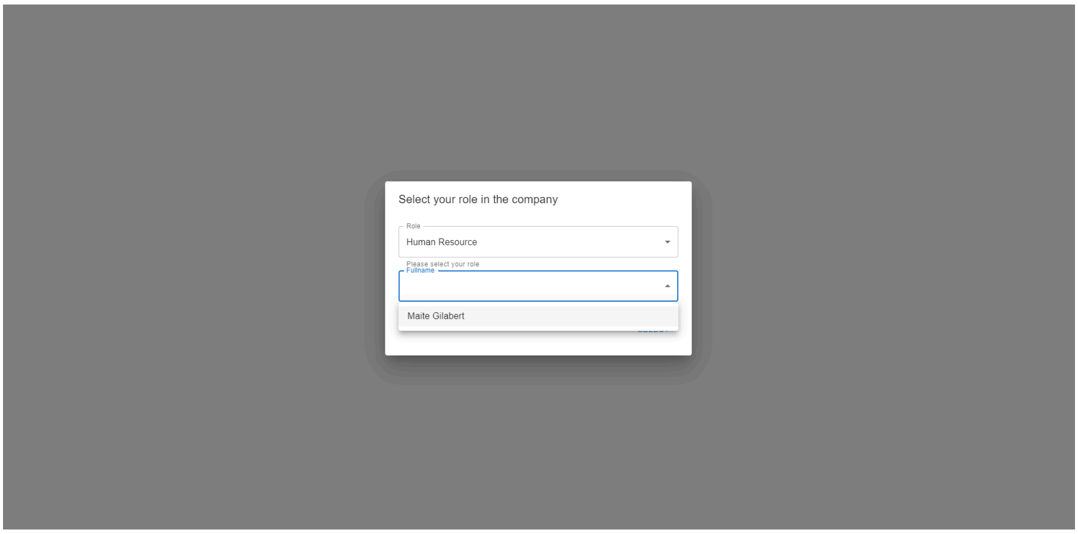
Technologies used: React JS, Node.js and MySQL.



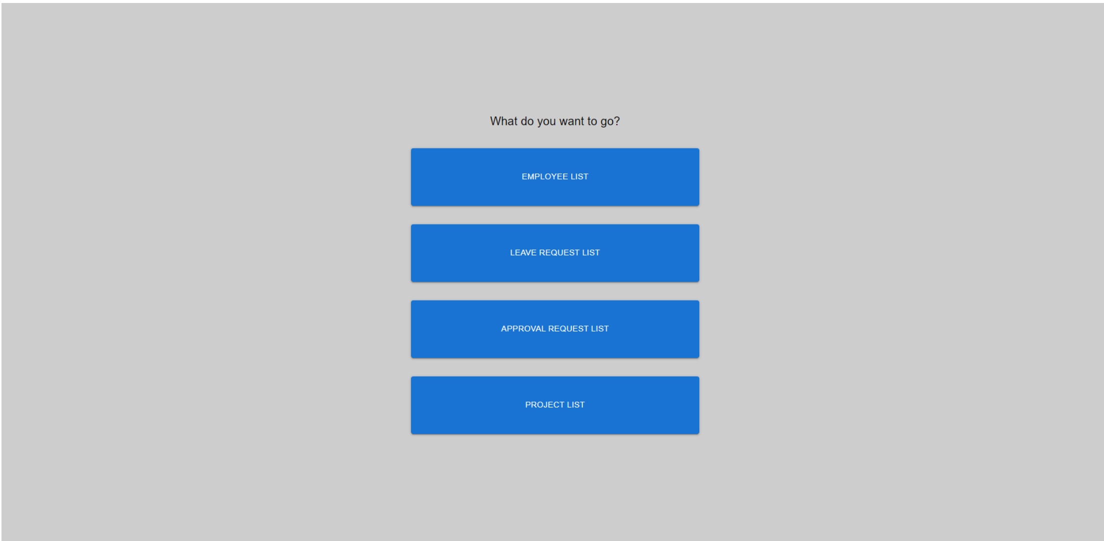
First of all, there is a menu that allows you to select the role in the company.



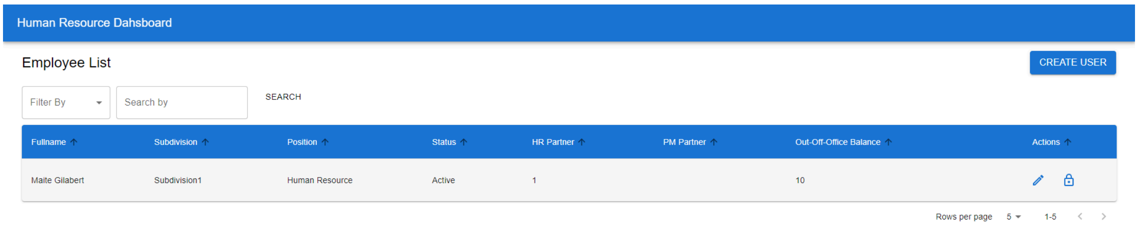
So far, there are only three roles, which can be seen in the menu.



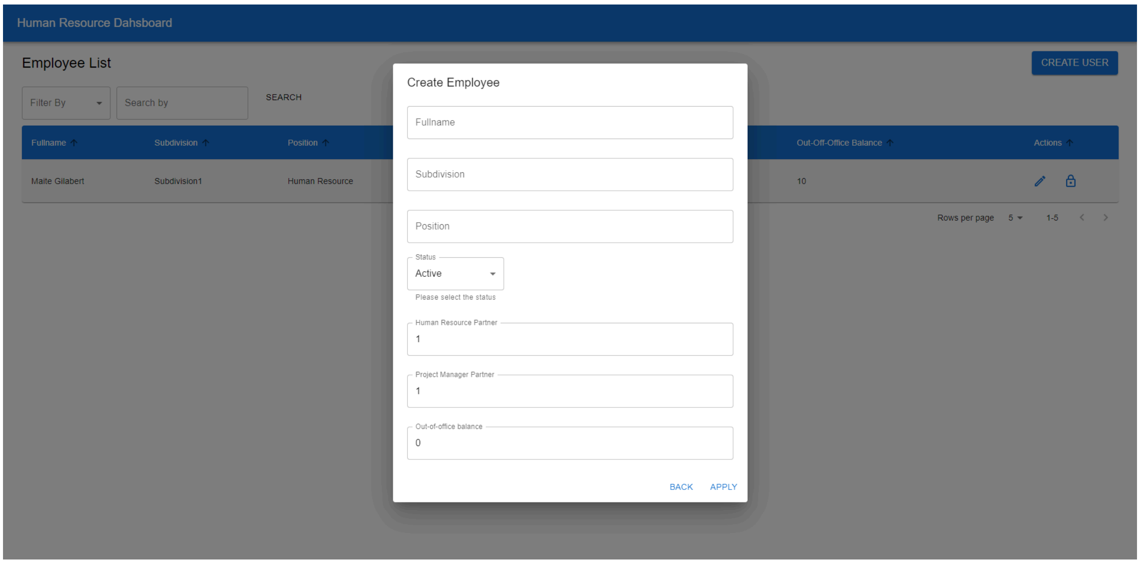
When the role is chosen, the app brings up all employees with that role. This step is important since there is no authorized access system. So this is the way for the application to know which user is logging in.



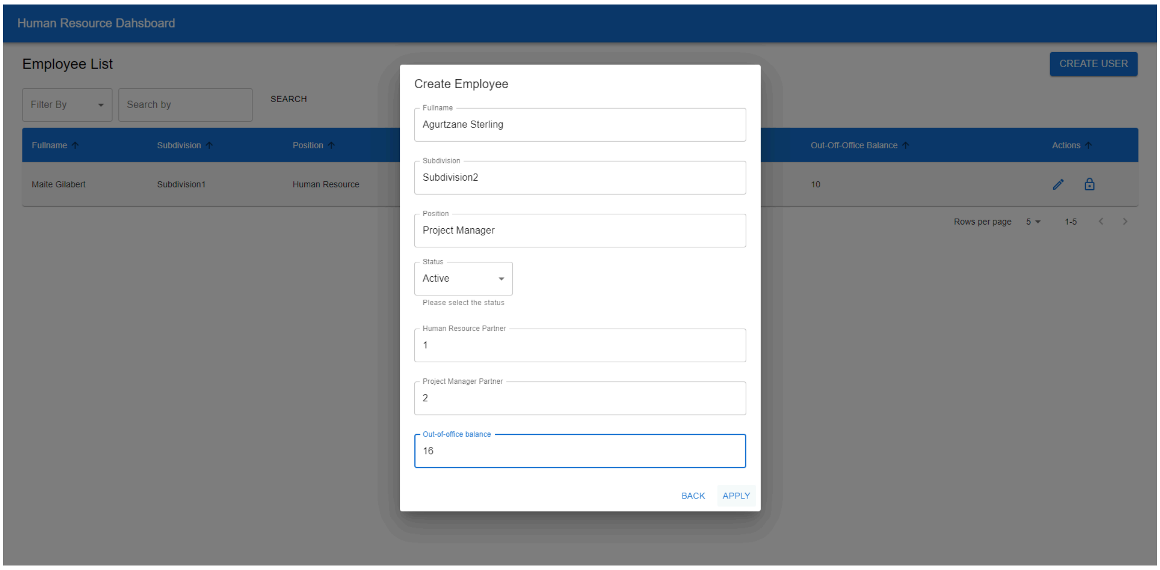
After selecting our user, the different directories of the application are displayed on the screen. In this case, the user has the HR role, therefore has access to all lists.



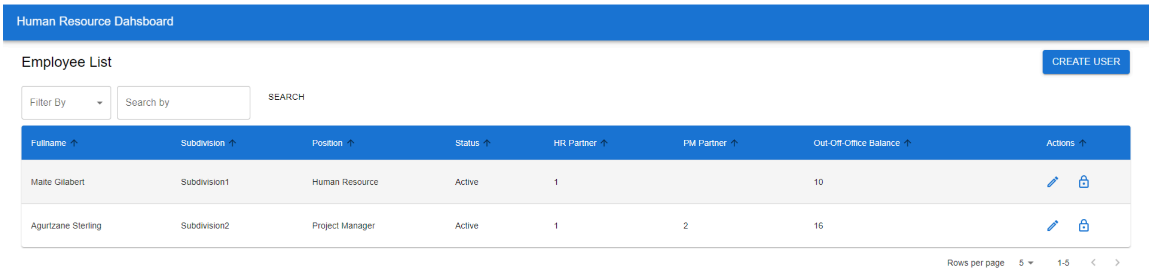
As you can see, so far we only have one person. This registration was done manually by MySQL to have at least one user to create the others. The others are created with the option to create an employee by clicking on the button located in the upper right.



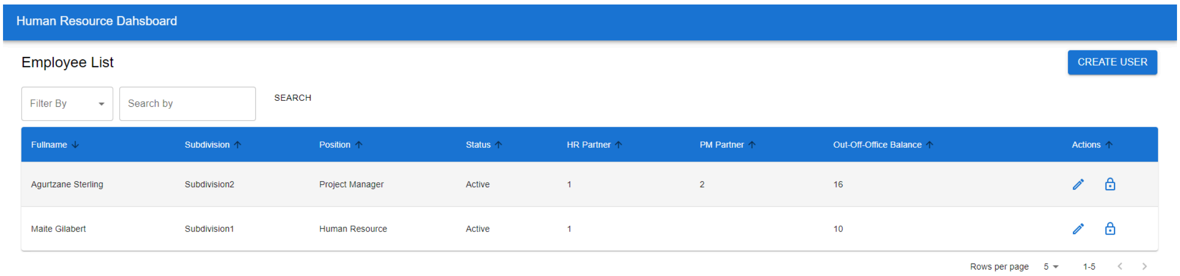
Then, a form appears to fill out the new employee's information.



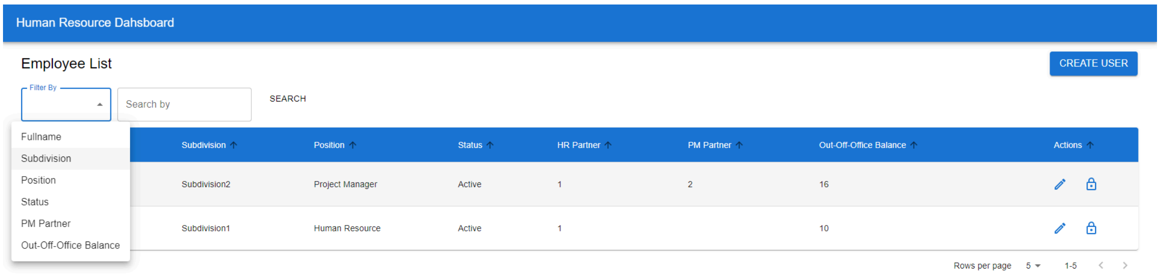
When we fill it out, all we have to do is click on apply.



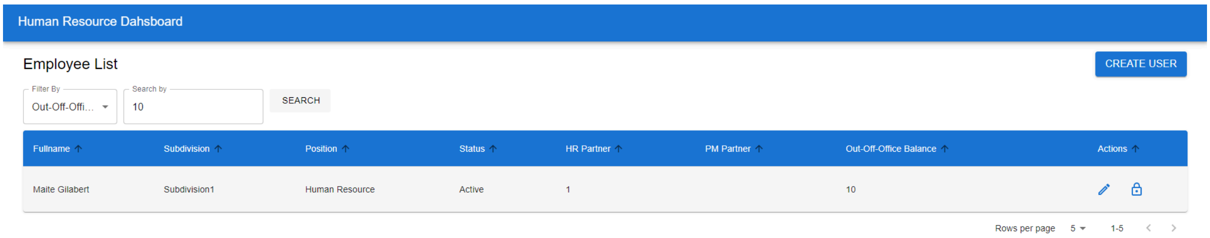
And now we have another employee in the system. It should be noted that this panel only shows the employees of the current user. In this case, they have HR Partner 1 (and 1 is the current user).



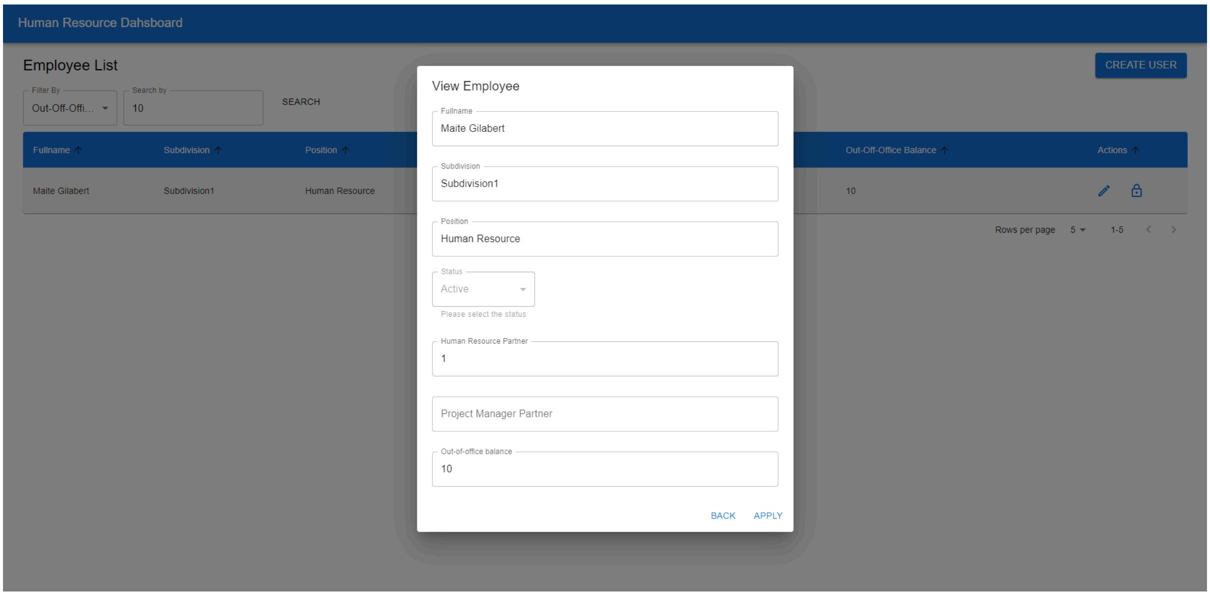
We have the sorters in the table headers, so we can sort ascending or descending by any column.



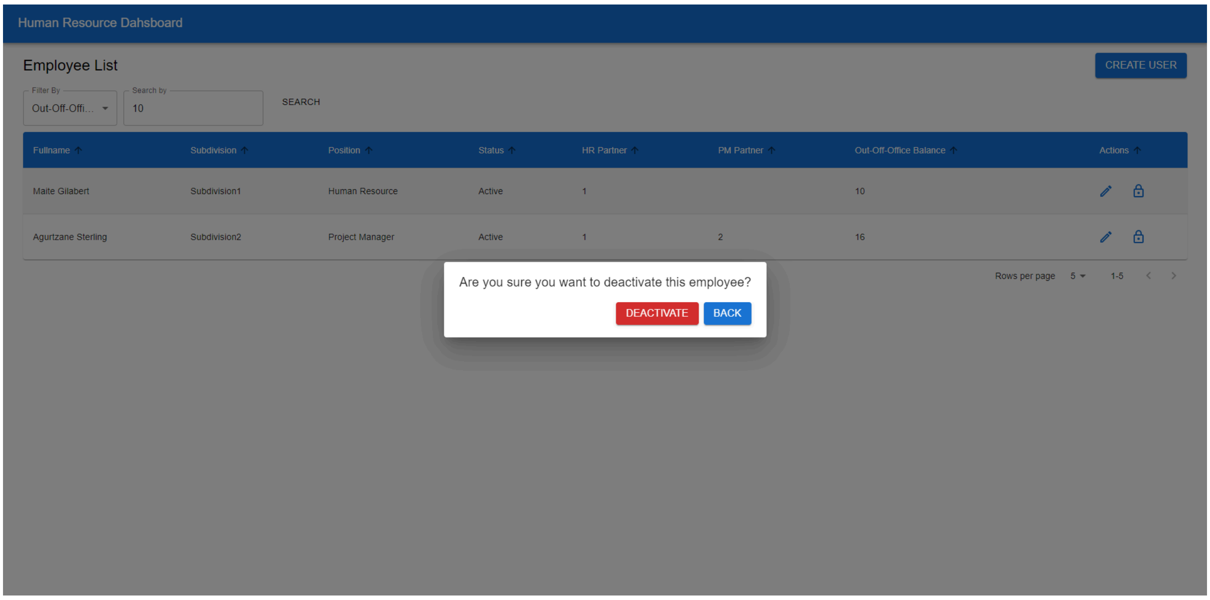
Next, we have the filters. We can filter rows using some columns.



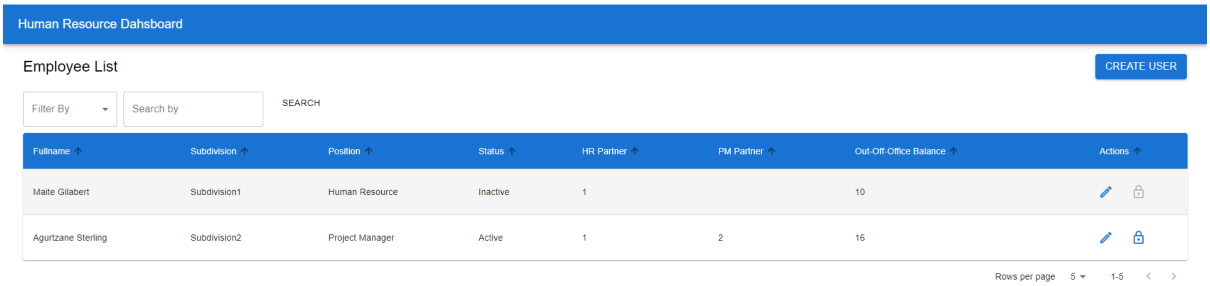
In this case, we filter the rows using the "Out-Of-Office Balance" column with a value of 10.



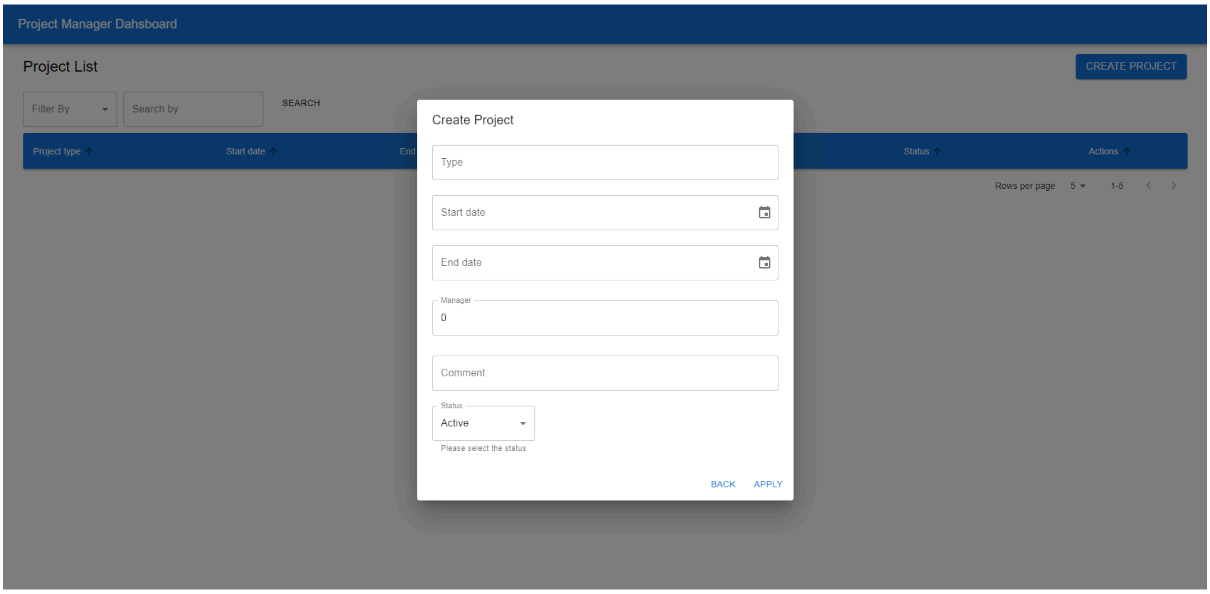
Apart from creating, you can also modify the users, just fill out the form and click on "Apply".



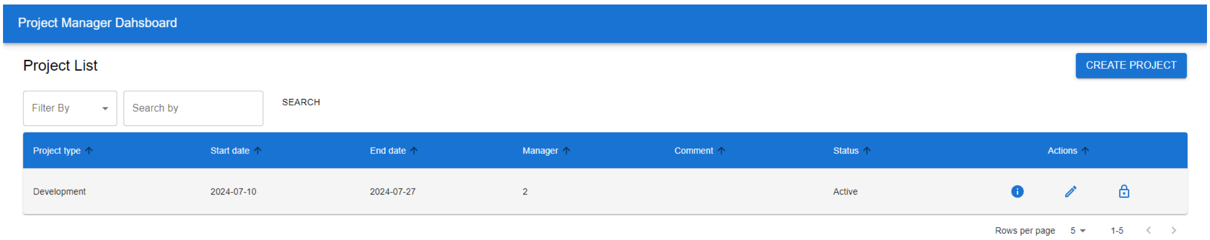
On the other hand, users can be deactivated.



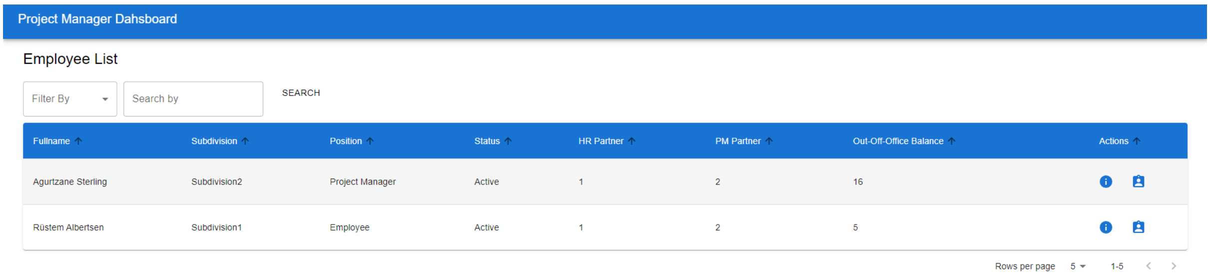
When an employee is deactivated, their status becomes "Inactive"



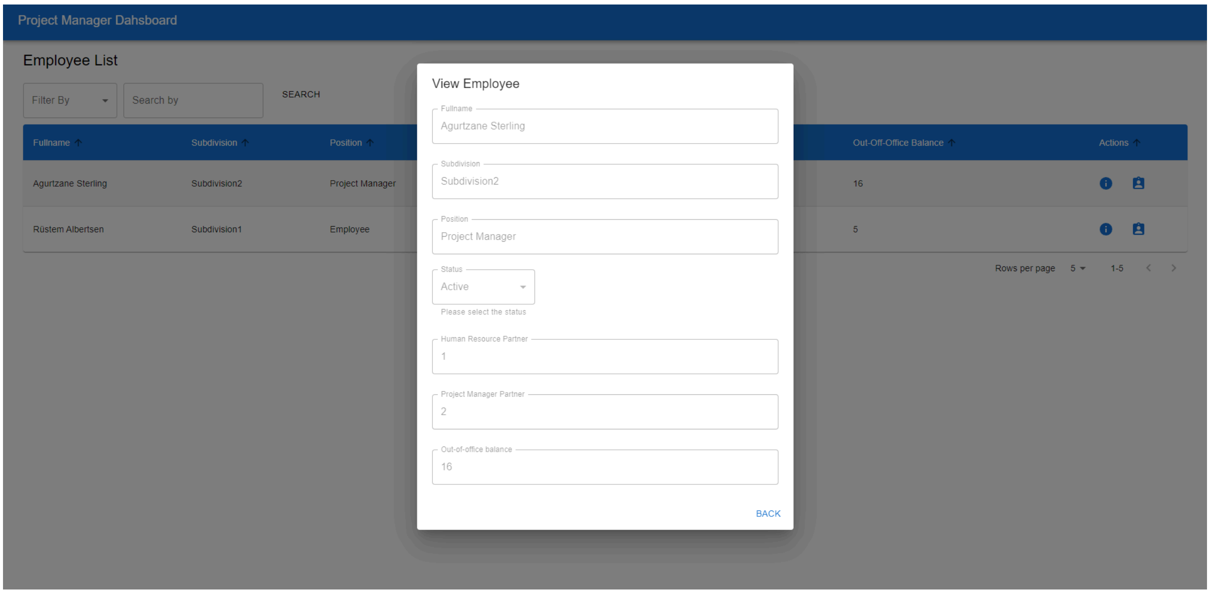
Now, we move on to the projects section of the Project Manager. To get to this panel it is similar to what was done at the beginning, just select "Project Manager" in the menu and select the user. Options will appear to navigate between lists of employees, projects, leave requests and approve requests.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



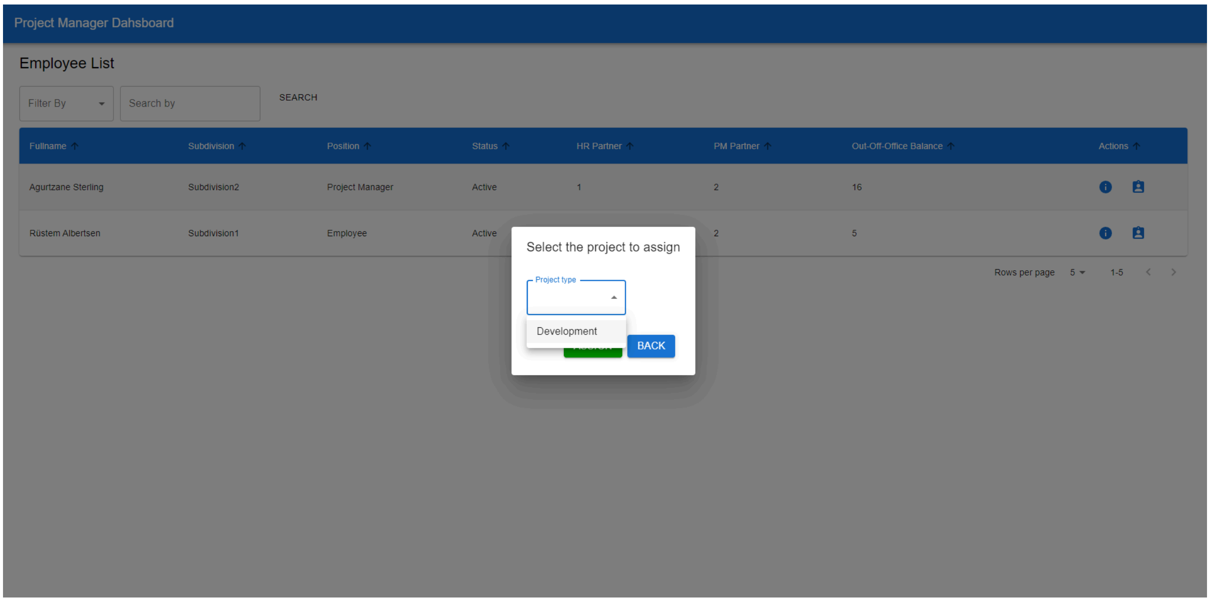
Now you have a new project in the system. The process is similar to what was seen when creating a new employee before.



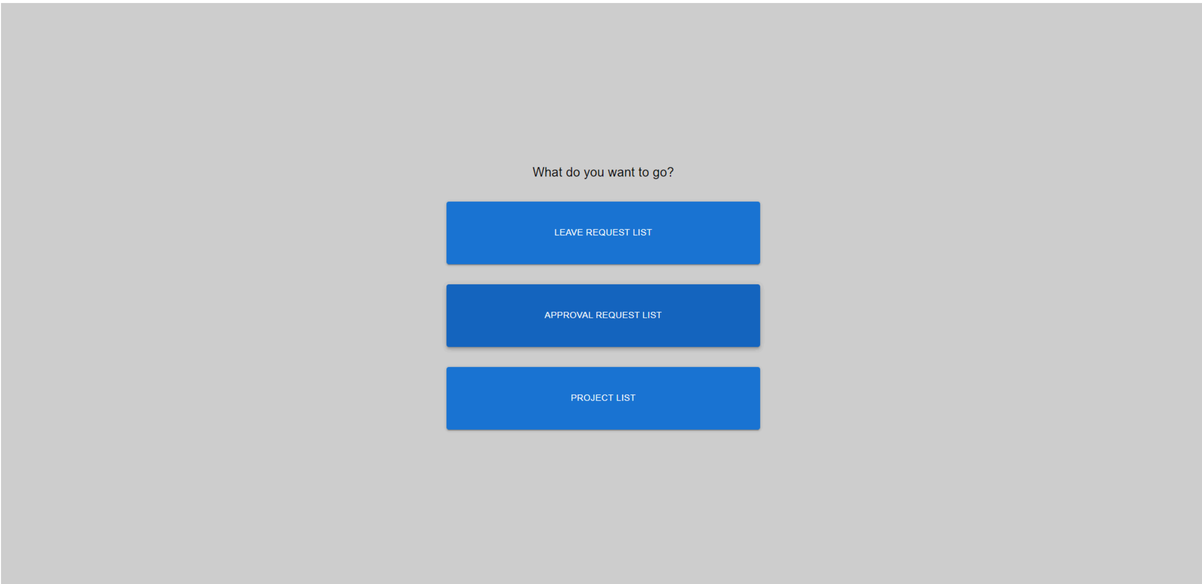
On the other hand, by going to the employee list, you can see the employees of the current user, as well as in the Human Resources panel. However, in this you cannot create or modify employees, you can only view the information and assign projects.



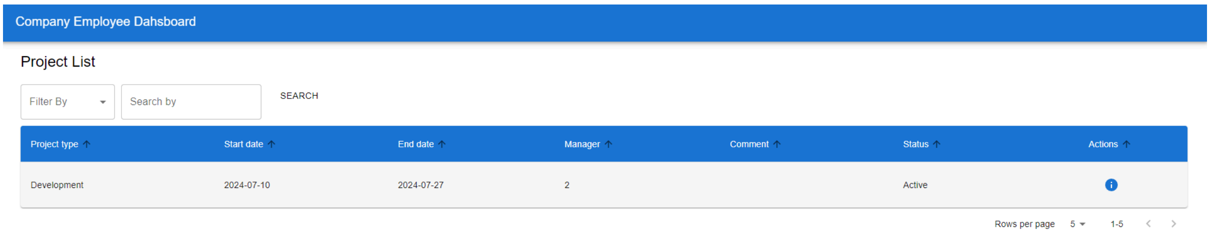
View of the data of one of the employees.



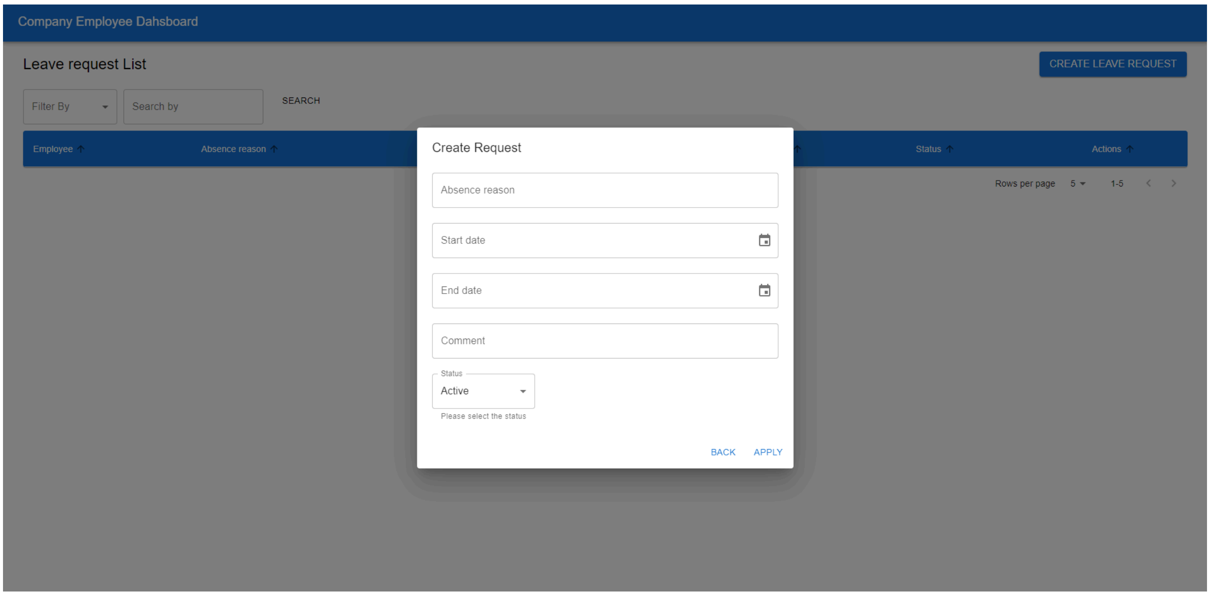
Now we will try to assign a project to an employee. In this case, we only have one project, so the list only has one.



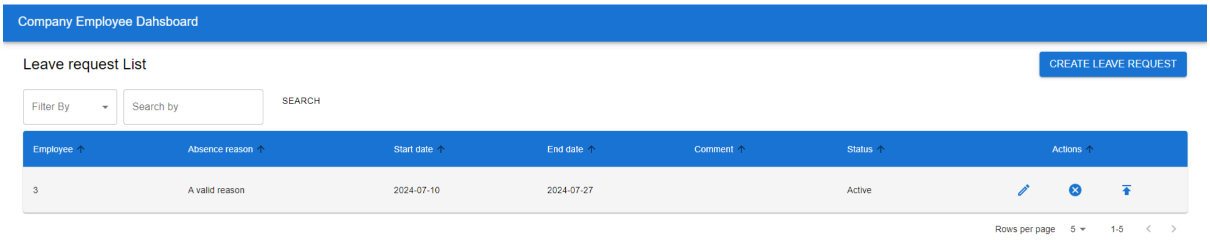
A project has already been assigned to one of the employees, so the appearance of the project in the employee panel will be shown below. But before that, it shows what the employee options look like, it is similar to that of Human Resources and Project Manager, but without access to the employee list.



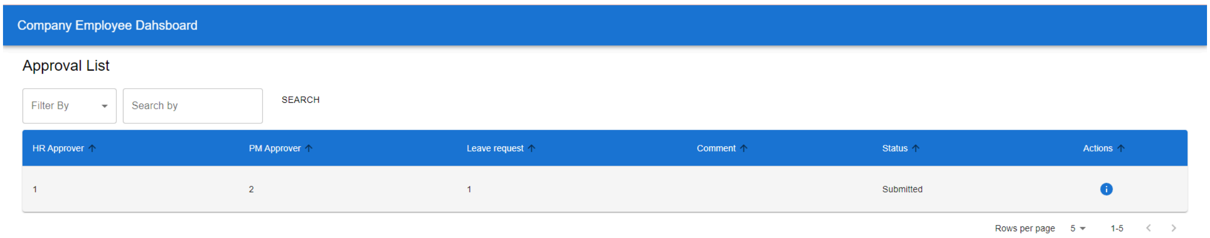
As you can see, there is the project that was previously assigned in the employee's panel. You can only see its information, it cannot be edited.



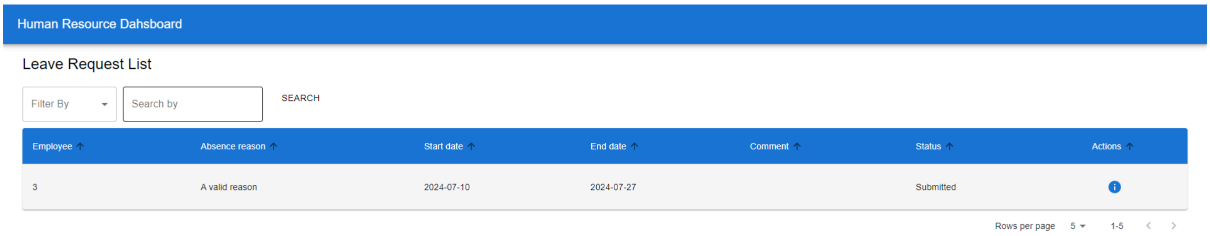
Now, the creation of a leave request by an employee is being shown.



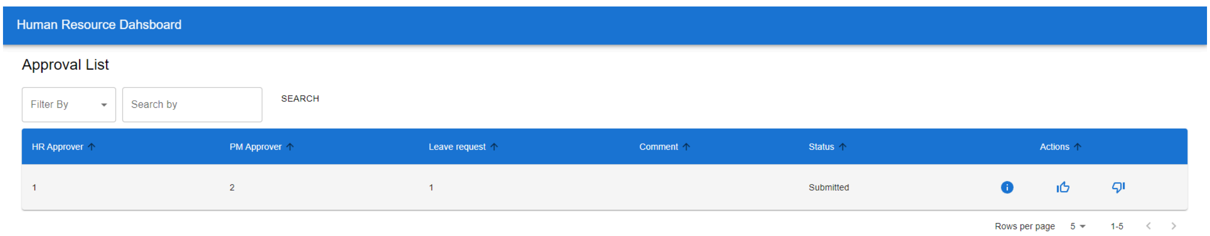
Here the leave request has already been created, it can be modified, canceled and submitted. It will be submitted and shown below how an approval request is automatically created.



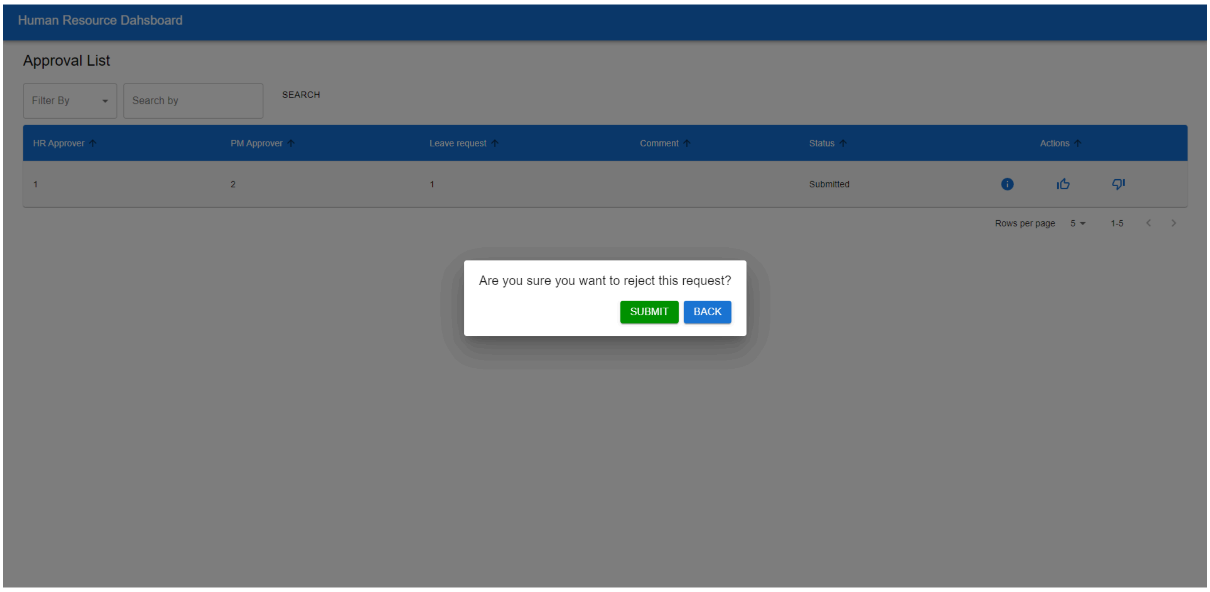
These are the data that correspond to the leave request, you have the ID which in this case is 1.



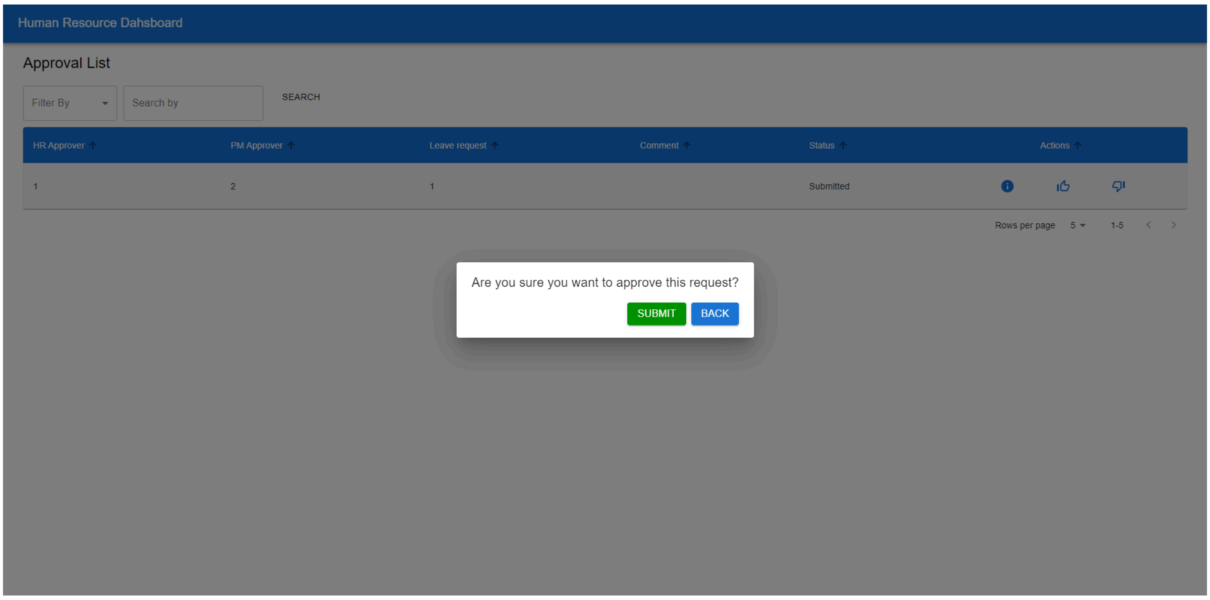
When we move to the leave request panel of the Human Resource user, we can see that we have the leave request that was just created. It should be noted that it is seen because it is the Human Resource partner panel of the user who created the leave request.



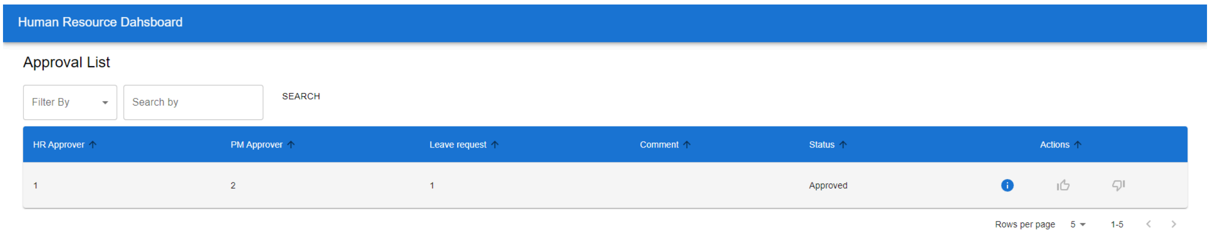
As the submit had been made, it is also observed that the approval request exists in the Human Resource user who is a partner of the user who submitted the leave request. You can view the approval request information, as well as approve or reject it.



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

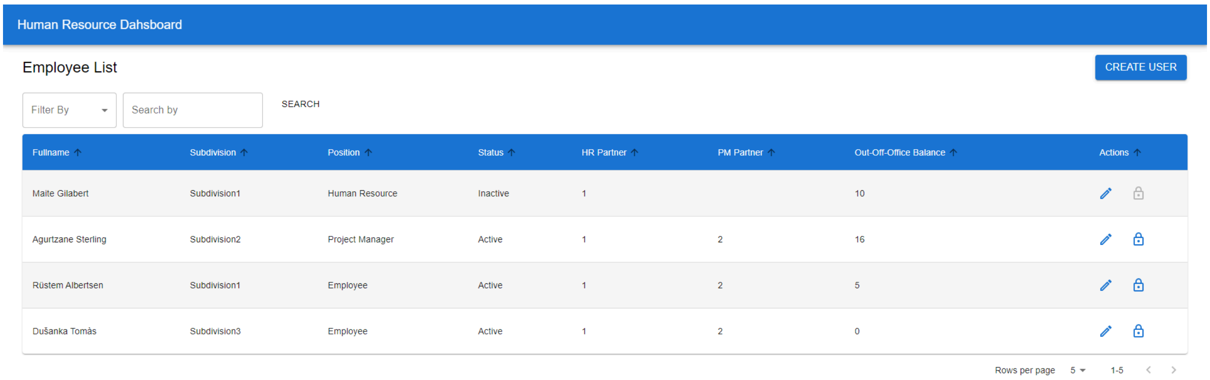


Similar to the previous one, this image shows the approval of an approval request. After approving or rejecting, the status of the request is updated to Rejected or Approved.

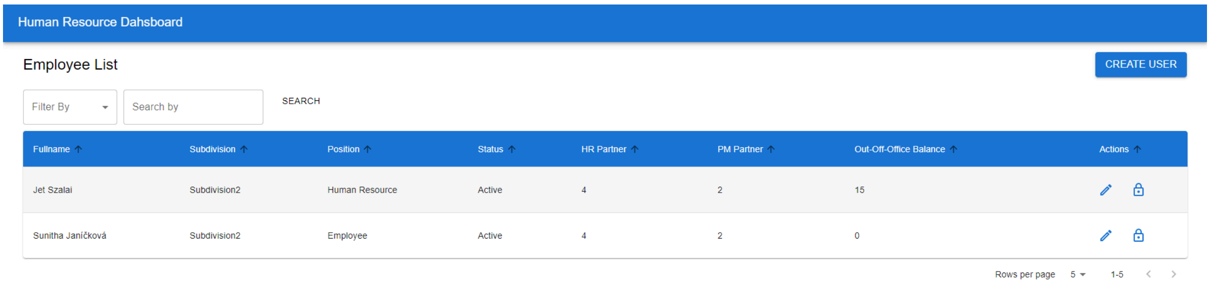


After you approve or reject an approval request, the approve and reject options are disabled, and you can only view the request information.

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

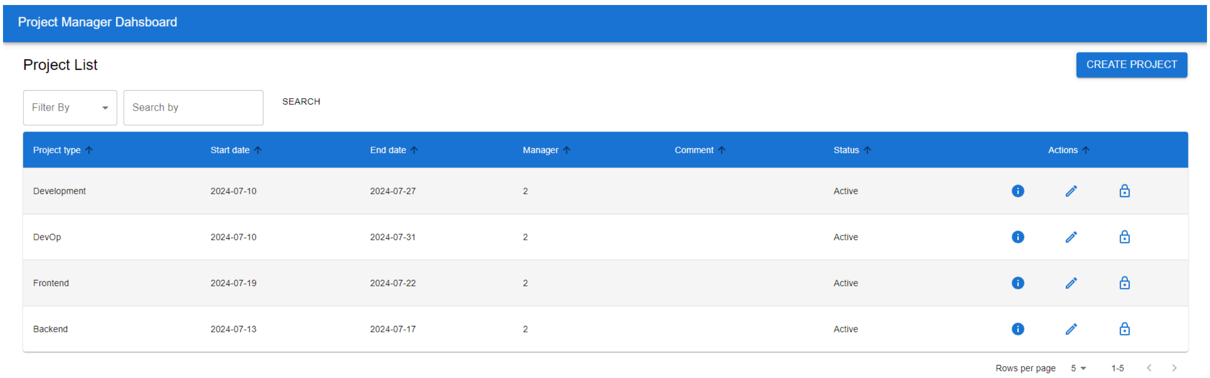


Here we see the employees who have ID 1 as Human Resource Partner.

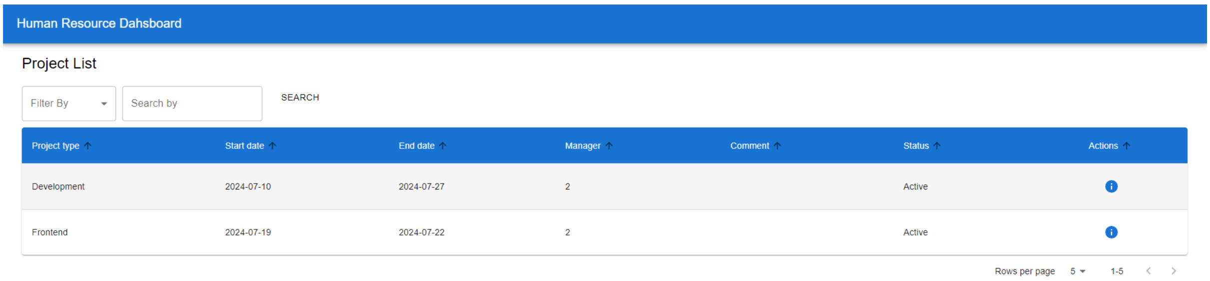


And now, we see the employees who have ID 4 as Human Resource Partner. As you can see, for each user with a Human Resource position, only the employees who have him as a partner are shown. The same thing happens with Project Managers, they only see their employees. And the Leave Request and Approval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

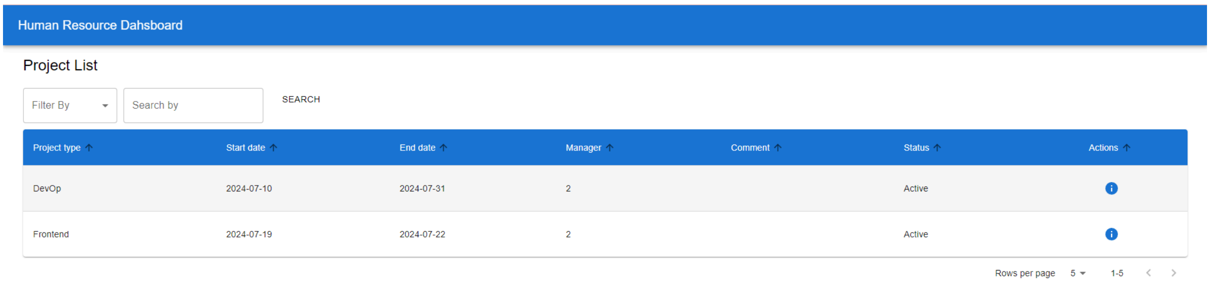
On the other hand, projects with names development, DevOps, Frontend and Backend have been created. Also, the Development and Frontend projects have been assigned to employees who have user ID 1 as Human Resource Partner. Employees who have user ID 4 as a Human Resource Partner were assigned the DevOps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



Projects created by a Project Manager user.



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.



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.