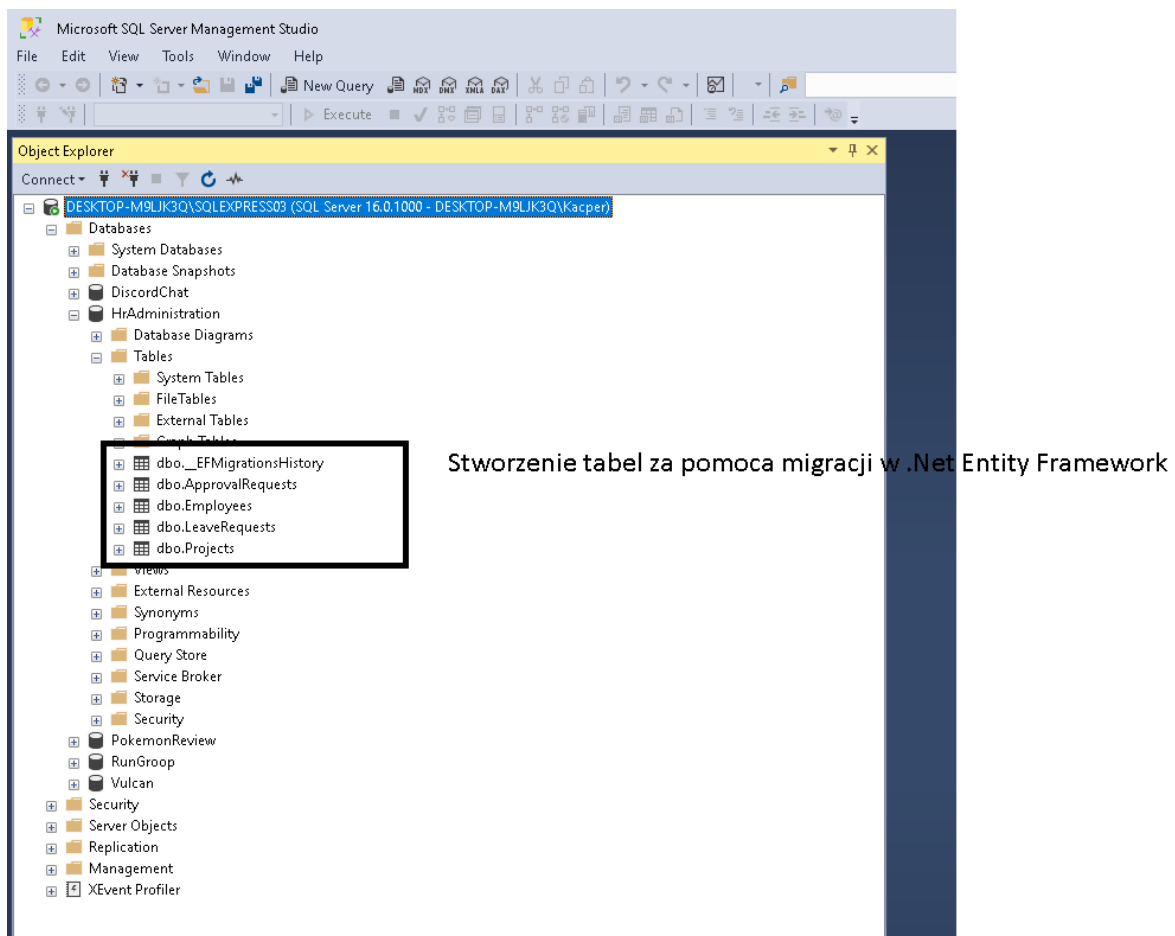


I developed a database system in the C# programming environment, using the Entity Framework, which enables effective management of the web application. Database produced with SQL Server Management Studio (SSMS), which ensures not only the impact but also the impact and scalability of the data infrastructure. As part of the application development, using Swagger UI technology, I implemented an API interface that perfectly corresponds to the frontend based on Next.js technology. This integration enables data to be shared with end users, with the ability to comply with the latest technology standards and optimize operational data.



This is a finished database

Employee PAGE

Employees

Welcome back: Kacper

Add Employee

Search by name

All Subdivisions

All Statuses

Name	Subdivision	Position	Status	People Partner	Out Of Office Balance	Photo	Edit Employee
Chris Adams	Marketing	Marketing Specialist	Active	0	15	Emplr	:
Sarah Smith	Finance Department	Financial Analyst	Active	0	18	Emplr	:
Joseph Choo	Operations	Operations Manager	Active	0	25	Emplr	:
Steve Harding	Research and Development	Senior Engineer	Active	0	22	Emplr	:
Laura Croft	HR Department	HR Specialist	Active	0	17	Emplr	:
Michael Jones	IT Department	System Administrator	Active	0	19	Emplr	:
James Bond	Security	Security Officer	Active	0	16	Emplr	:
Haley Whiting	Customer Service	Customer Support Specialist	Active	0	14	Emplr	:
Tim Thomas	Sales Department	Sales Executive	Active	0	21	Emplr	:
Kacper Odziemczyk	IT Department	Software Engineer	Active	0	23	Emplr	:
Michal Grzechowski	Marketing	Marketing Manager	Active	0	18	Emplr	:

The main appearance of the page

Employees

Welcome back: Kacper

Add Employee

Search by name

All Subdivisions

All Statuses

Name	Subdivision	Position	Status	People Partner	Out Of Office Balance	Photo	Edit Employee
Chris Adams	Marketing	Marketing Specialist	Active	0	15	Emplr	:
Sarah Smith	Finance Department	Financial Analyst	Active	0	18	Emplr	:
Joseph Choo	Operations	Operations Manager	Active	0	25	Emplr	:
Steve Harding	Research and Development	Senior Engineer	Active	0	22	Emplr	:
Laura Croft	HR Department	HR Specialist	Active	0	17	Emplr	:
Michael Jones	IT Department	System Administrator	Active	0	19	Emplr	:
James Bond	Security	Security Officer	Active	0	16	Emplr	:
Haley Whiting	Customer Service	Customer Support Specialist	Active	0	14	Emplr	:
Tim Thomas	Sales Department	Sales Executive	Active	0	21	Emplr	:
Kacper Odziemczyk	IT Department	Software Engineer	Active	0	23	Emplr	:
Michal Grzechowski	Marketing	Marketing Manager	Active	0	18	Emplr	:

Add Employee

Full Name

Subdivision

Position

Status: Active

People Partner

Out Of Office Balance

Photo URL

Cancel

Save

Possibility to add an employee to the database

Employees

Welcome back: Kacper

Add Employee

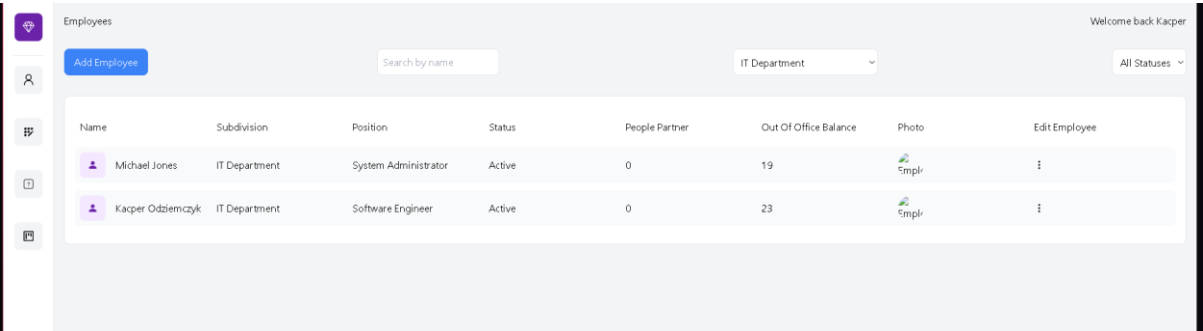
chris

All Subdivisions

All Statuses

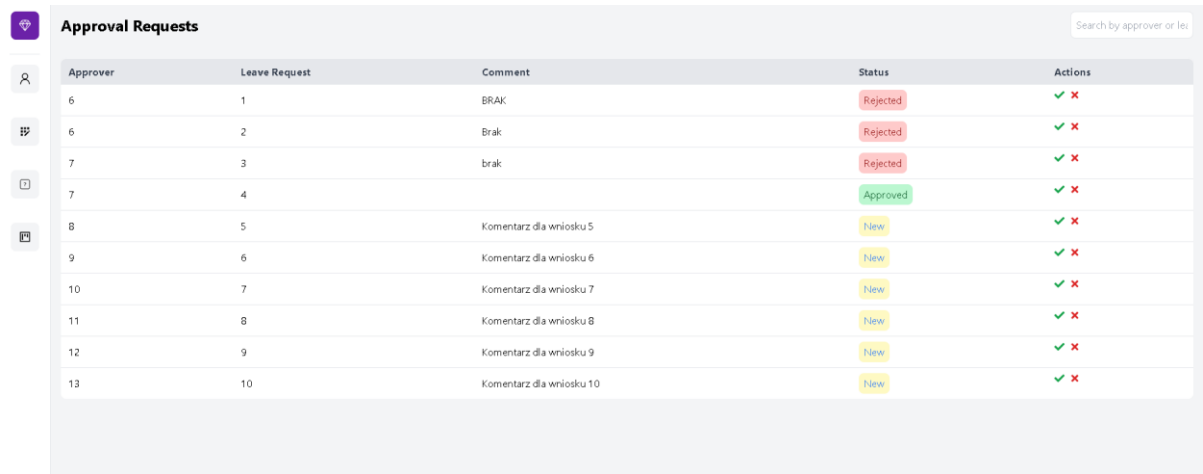
Name	Subdivision	Position	Status	People Partner	Out Of Office Balance	Photo	Edit Employee
Chris Adams	Marketing	Marketing Specialist	Active	0	15	Emplr	:

Possibility to search an employee

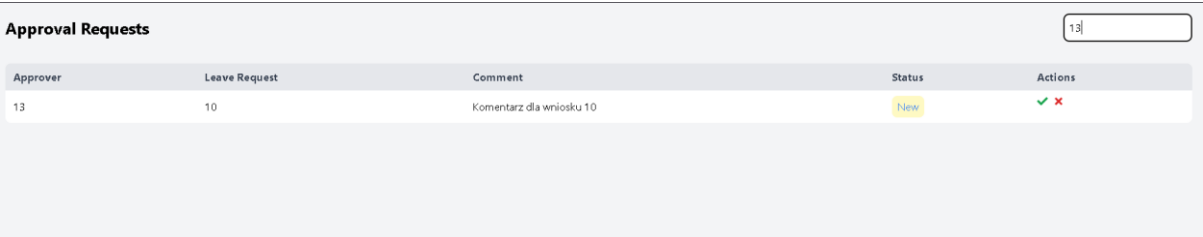


Possibility of filtering Employees through their skills

Approval Requests



The main appearance of the page



Ability to search for approver

Approver	Leave Request	Comment	Status	Actions
6	1	BRAK	Rejected	✓ ✕
6	2	Brak	Rejected	✓ ✕
7	3	brak	Rejected	✓ ✕
7	4		Approved	✓ ✕
8	5		Approved	✓ ✕
9	6	Kome	New	✓ ✕
10	7	Kome	New	✓ ✕
11	8	Kome	New	✓ ✕
12	9	Kome	New	✓ ✕
13	10	Kome	New	✓ ✕

Request Details

Approver: 8

Leave Request: 5

Comment: Komentarz dla wniosku 5

Status: New

Close

Ability to Approve Every request with comments, and detail request

Approver	Leave Request	Comment	Status	Actions
6	1	BRAK	Rejected	✓ ✕
6	2	Brak	Rejected	✓ ✕
7	3	brak	Rejected	✓ ✕
7	4		Approved	✓ ✕
8	5	Komentarz dla wniosku 5	New	✓ ✕
9	6		New	✓ ✕
10	7		New	✓ ✕
11	8		New	✓ ✕
12	9		New	✓ ✕
13	10	Kome	New	✓ ✕

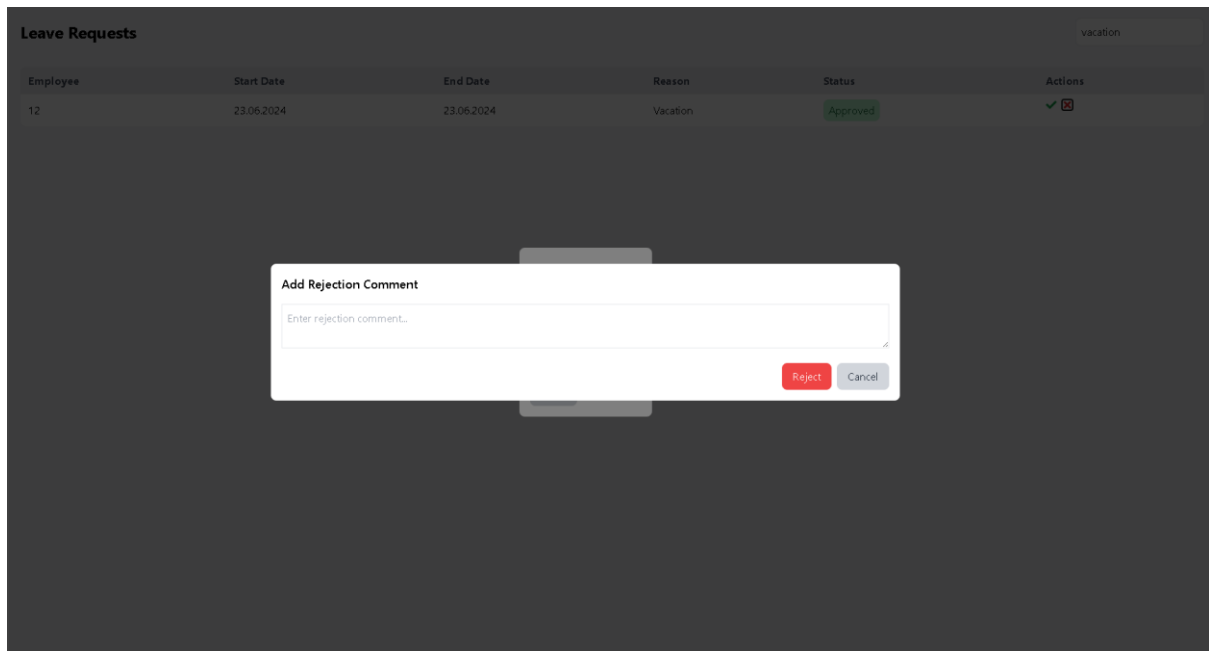
Add Rejection Comment

Enter rejection comment...

Reject Cancel

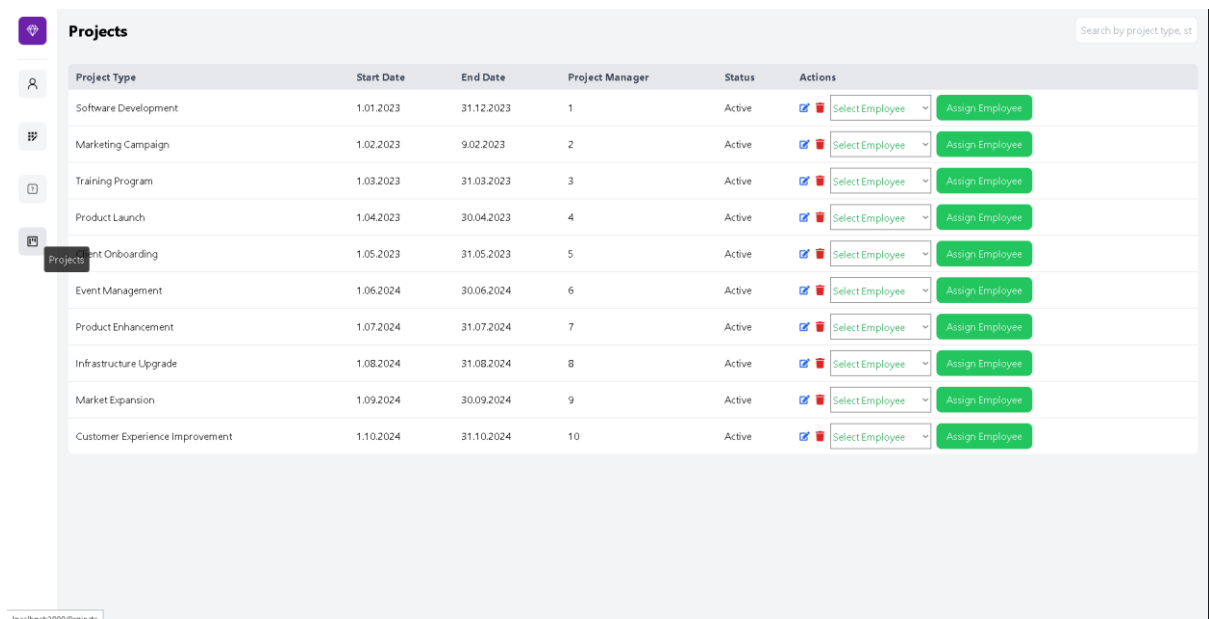
After any actions everything safely go back to database and updating automatically

Leave Requests



Ability to add rejection comment and automatically updates in database

Projects



The main appearance of the page

</

Ability to search a project types

Project Details

Project Type: Software Development

Start Date: 1.01.2023

End Date: 31.12.2023

Project Manager: 1

Status: Active

Comment: Komentarz

Close

Delete

Projects details

Project Type	Start Date	End Date	Project Manager	Status	Actions		
Software Development	1.01.2023	31.12.2023	1	Active	<div> <div> </div> <div> <div>Chris Adams</div> <div>Assign Employee</div> </div> </div>		

Ability to assign Employees to projects and automatically updates it project details

Project Details

Project Type: Software Development

Start Date: 1.01.2023

End Date: 31.12.2023

Project Manager: 1

Status: Active

Comment: Komentarz

Assigned Employees: Chris Adams

CloseDelete

And after assigning

Project Details

Project Type: Software Development

Start Date: 1.01.2023

End Date: 31.12.2023

Project Manager: 1

Status: Active

Comment: Komentarz

Assigned Employees: Chris Adams, Sarah Smith

CloseDelete

We can also add another employee to the project

ApprovalRequest		^
GET	/api/ApprovalRequest	v
PUT	/api/ApprovalRequest/{id}	v
Employee		^
GET	/api/Employee	v
POST	/api/Employee	v
GET	/api/Employee/{id}	v
PUT	/api/Employee/{id}	v
DELETE	/api/Employee/{id}	v
LeaveRequest		^
GET	/api/LeaveRequest	v
PUT	/api/LeaveRequest/{id}	v
Project		^
GET	/api/Project	v
PUT	/api/Project/{id}	v

Full staff of Api's which could potentially can be used in future