

Project analyse groep 3-15 - Nathan De Maegd en Elias Christmas

Project description:

Title: Management tool

This project aims to build a **Project Management Tool** that helps teams plan, execute, and monitor their projects and tasks. The system will enable users to create and manage projects, assign tasks and roles, form teams, and track progress in real time.

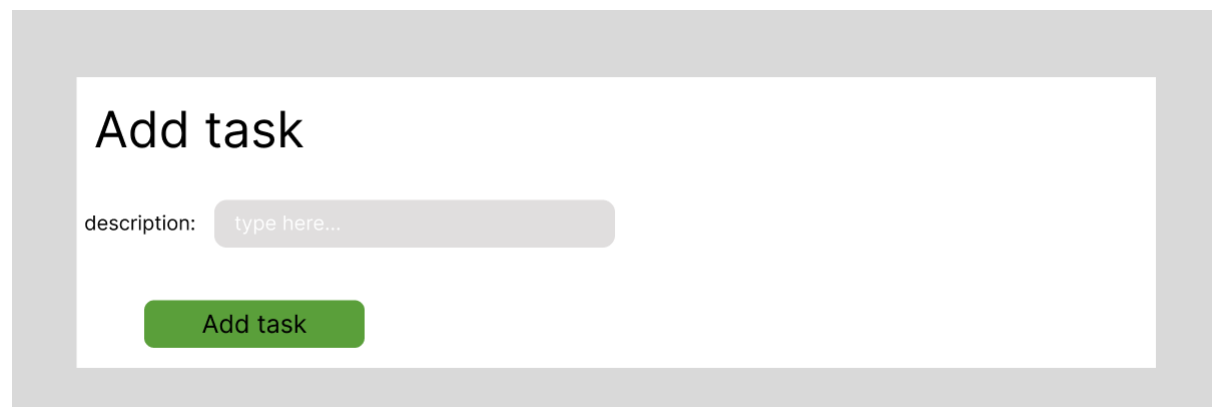
User stories

User story 1:

As a admin/user/master I'm able to add tasks so that I can keep the project up to date

Acceptance criteria

1. Description box to enter a new project's name and a button "add task" to add the task to the project
2. After pressing the "add task" button the task is automatically added to the project
3. the task is visible in the project

A screenshot of a web form titled "Add task". The form is white and set against a light gray background. It features a label "description:" followed by a text input field with the placeholder text "type here...". Below the input field is a green button with the text "Add task" in white.

Add task

description:

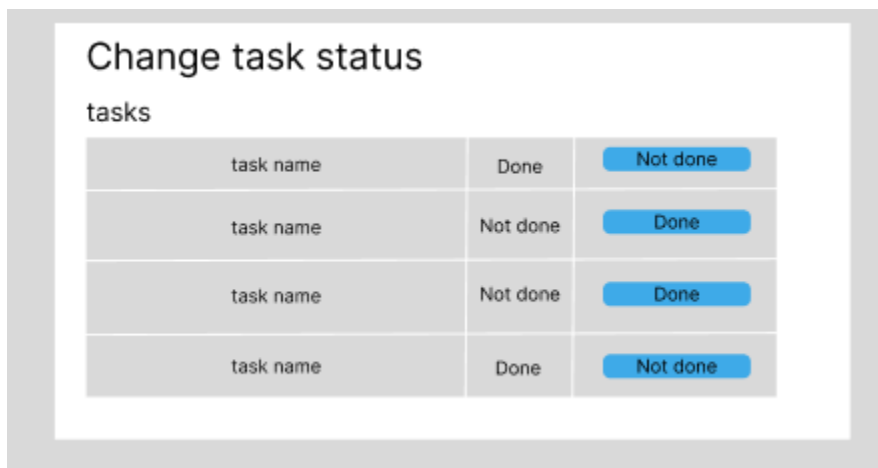
Add task

User story 2:

As a admin/user/master I'm able to change the status of the task to done so that everyone can see which tasks have been completed

Acceptance criteria:

1. A button that shows the status of the task
2. After pressing this button the status changes between "done" and "not done" without refreshing the page

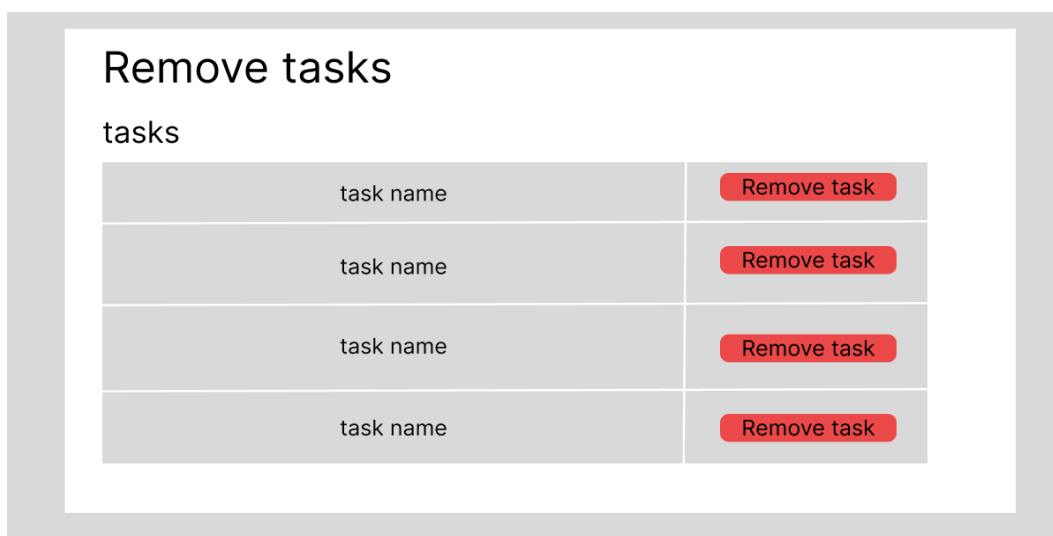


User story 3:

As a admin/user/master I'm able to remove tasks so that I can keep the project up to date

Acceptance criteria:

1. A button with 'Remove task'
2. After pressing this button the task automatically disappears from the project and is removed from the database

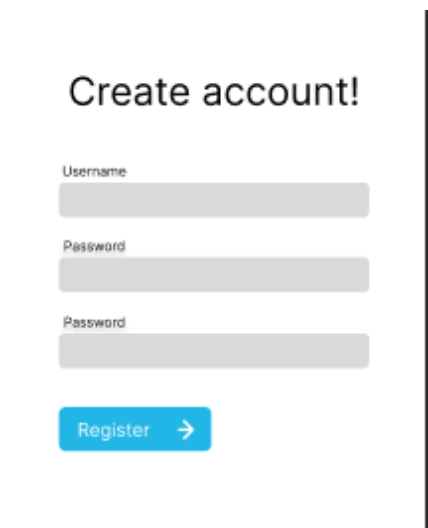


User story 4:

As a user, I want to register with a new account so that I can start using the website

Acceptance criteria:

1. User must provide a valid email address and create a password.
2. Password must meet security requirements (e.g., minimum 8 characters, including numbers/symbols).
3. User receives a confirmation message that the account has been successfully created.
4. After registration, the user should be redirected to the dashboard,



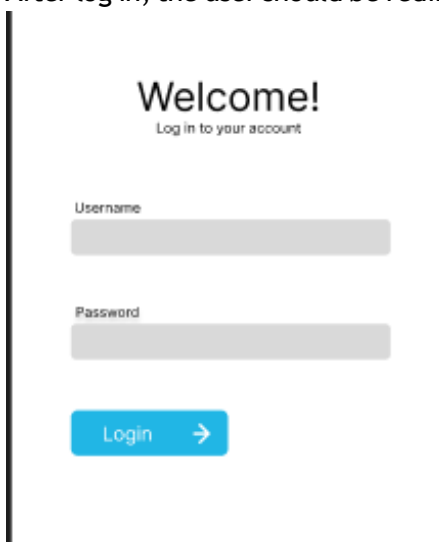
A wireframe of a 'Create account!' form. The form is titled 'Create account!' in a large, bold font. Below the title are three input fields: 'Username', 'Password', and 'Password' (repeated). Each input field is represented by a light gray rectangular box. Below the input fields is a blue button with the text 'Register' and a right-pointing arrow. The entire form is enclosed in a thin black border.

User story 5:

As a admin/user/master, I want to log in securely so that I can access my tasks and projects.

Acceptance criteria:

1. User must provide a valid email address and enter a valid password.
2. After log in, the user should be redirected to the dashboard



A wireframe of a 'Welcome!' login form. The form is titled 'Welcome!' in a large, bold font, with the subtitle 'Log in to your account' below it. Below the title are two input fields: 'Username' and 'Password'. Each input field is represented by a light gray rectangular box. Below the input fields is a blue button with the text 'Login' and a right-pointing arrow. The entire form is enclosed in a thin black border.

User story 6:

As an admin/user/master, I want to create a new project so that I can manage tasks within it.

Acceptance criteria:

1. A button “add project” and a text box to enter the name of the project
2. When clicking on this button a new project with the chosen name is automatically added to the list of projects

Create new project

Projects

project name
project name
project name
project name

+ Add project ▼

name

User story 7:

As an admin/user/master, I want to add members to a new project

Acceptance criteria:

1. You can select a project with your cursor
2. And click on the “add member” button that will give you the option to select/enter a name of a member
3. The project is automatically updated with the new member part of the group

Create new project

Projects

project name
project name
project name
project name

+ Add member ▼

User story 8:

As a admin/master I want to be able to remove a project so that I can clean up my project overview page from old projects

Acceptance criteria:

1. A functional “remove” button that removes a project from the page without a refresh
2. The project is removed from the database

Project Name	
Workplaceproject	Delete
Fullstackproject	Delete
ExamensToDo	Delete

User story 9:

As an admin I want to see a list of all the users so that I have a better understanding to who is using my application with different types of role

Acceptance criteria:

1. A list of of all the users in the database

Name	Email	Role
John Doe	john.admin@example.com	ADMIN
Jane Smith	jane.user@example.com	USER
Alice Johnson	alice.master@example.com	MASTER
Bob Williams	bob.williams@example.com	USER
Emily Davis	emily.davis@example.com	USER

User story 10:

As an admin I want to be able to click on a user inside the user overview page so that I can see to which projects they have been allocated to

Acceptance criteria:

1. If you click on a user you see a list of projects he is part of
2. You can see how many users are involved in each project

Projects where Jane Smith is part of:

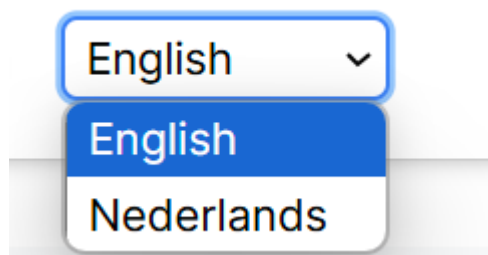
Project(s):	User Count
Fullstackproject	2
Workplaceproject	3

User story 11:

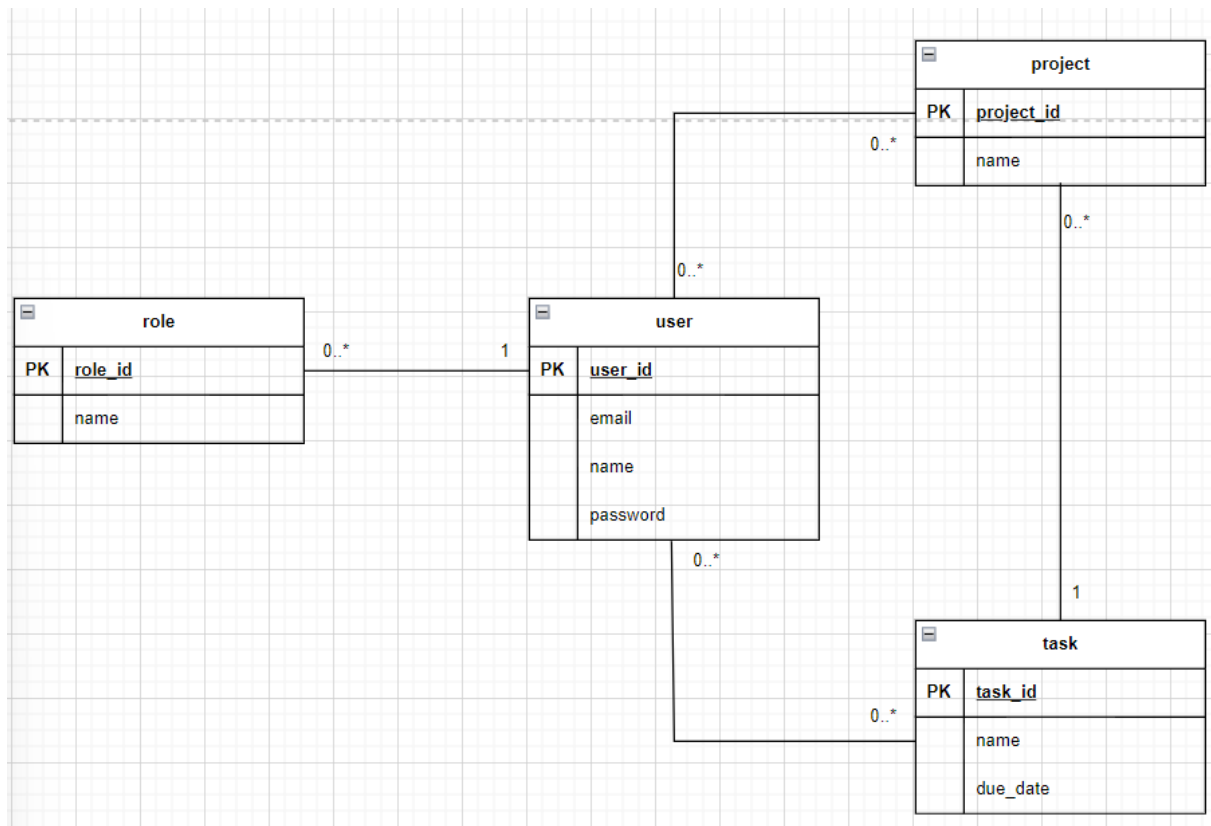
As a user/admin/master I want to view the pages of my application in 2 different languages so that I can use the application in case I don't understand one of the languages

Acceptance criteria:

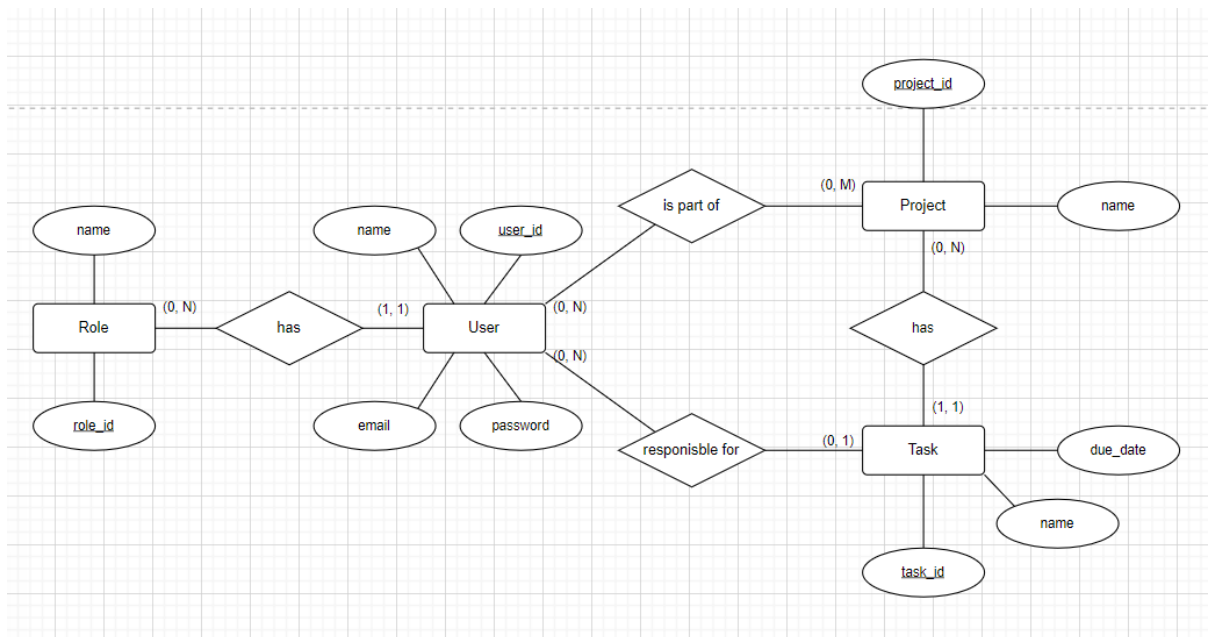
1. An easy to use change language button
2. The pages automatically change language



Domain model



Conceptual database model



Logical database model

