

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.

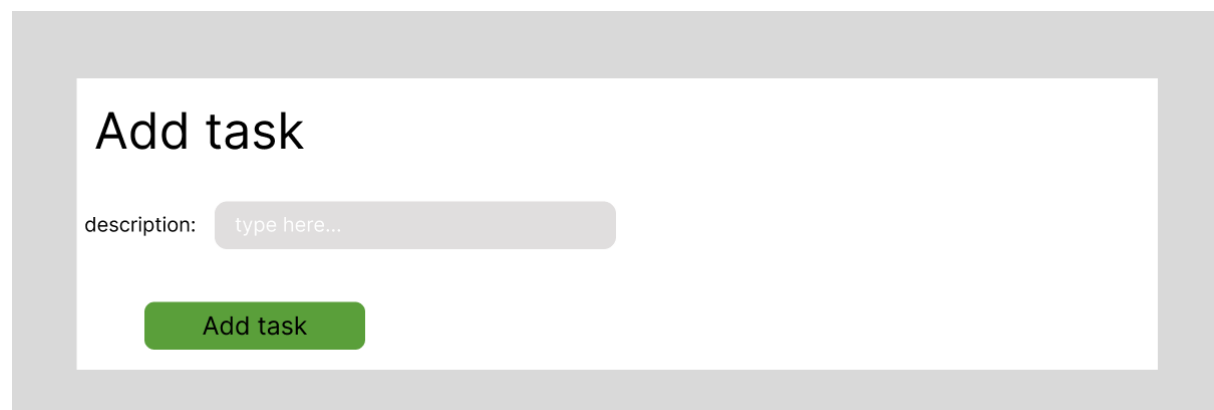
User stories

User story 1:

As a admin/user 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



The screenshot shows a web interface for adding a task. It features a title 'Add task' at the top. Below the title, there is a label 'description:' followed by a text input field with the placeholder text 'type here...'. At the bottom of the form, there is a green button labeled 'Add task'.

User story 2:

As a admin/user 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

Change task status		
tasks		
task name	Done	Not done
task name	Not done	Done
task name	Not done	Done
task name	Done	Not done

User story 3:

As a admin/user 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

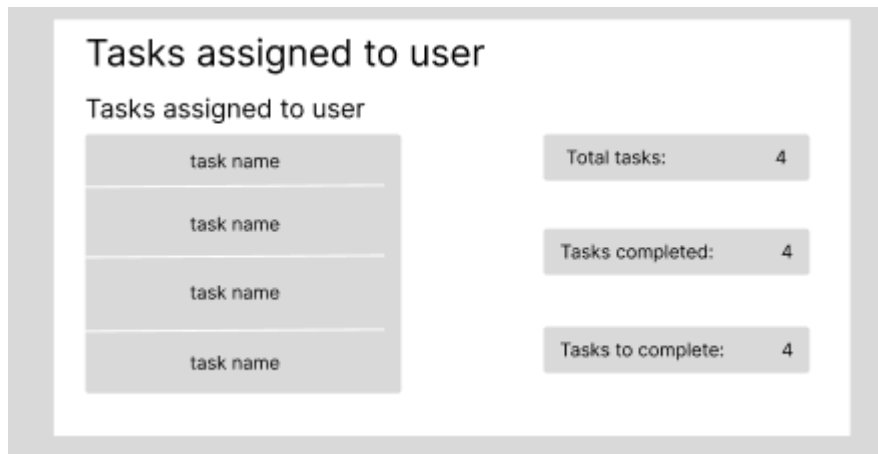
Remove tasks	
tasks	
task name	Remove task
task name	Remove task
task name	Remove task
task name	Remove task

User story 4:

As a user, I want to view the tasks assigned to me so that I know what I need to work on.

Acceptance criteria:

1. A list with all the tasks assigned to me
2. A simple overview of your “total tasks”, “completed tasks” and “tasks to complete”



User story 5:

As a user, I want to track my task deadlines so that I can manage my time effectively.

Acceptance criteria

1. A button “filter tasks on date”
2. When pressing the button it will automatically order the due date of tasks from nearest in the future to furthest in the future

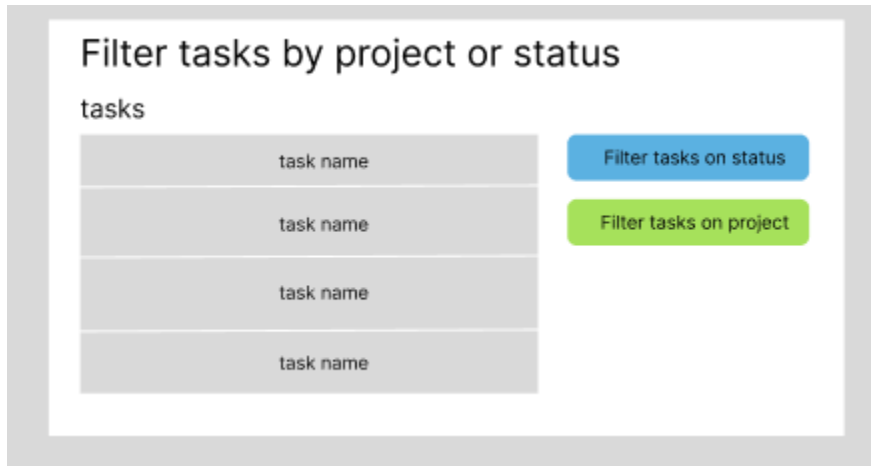


User story 6:

As a user, I want to filter tasks by status so that I can focus on what's most important.

Acceptance criteria:

1. Button “filter by status”
2. When pressing this button automatically only the tasks that have not yet been completed are shown

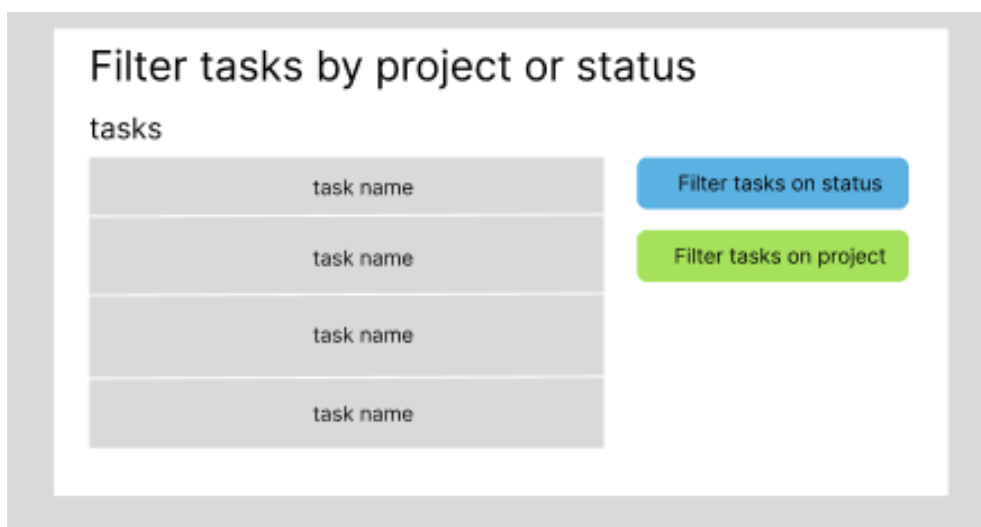


User story 7:

As a user, I want to filter tasks by project so that I can focus on what's most important.

Acceptance criteria:

1. Button “filter by project”
2. When pressing this button it will automatically order the tasks alphabetically

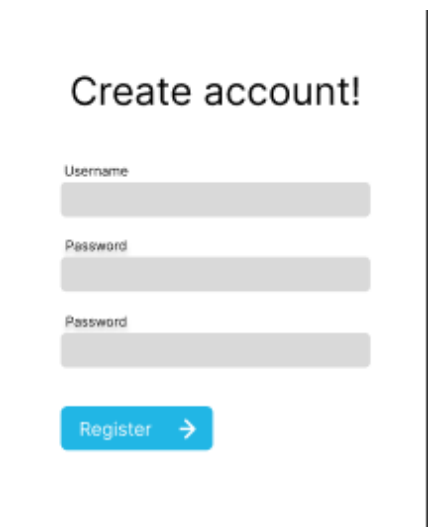


User story 8:

As a user/admin, 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,



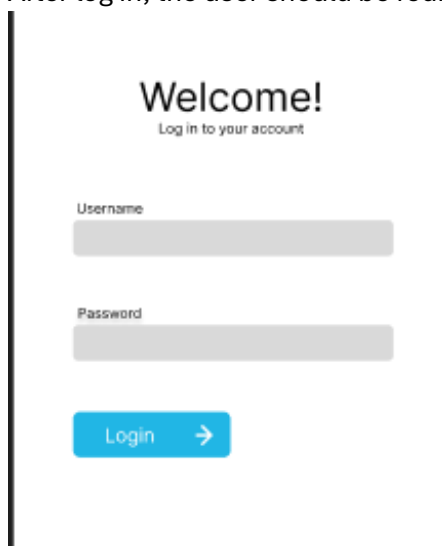
A wireframe of a 'Create account!' form. The form is titled 'Create account!' in a large, bold font. Below the title, there are three input fields: 'Username', 'Password', and 'Password'. Each input field is represented by a light gray rectangular box. Below the input fields, there is a blue button with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

User story 9:

As a user/admin, 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, there are two input fields: 'Username' and 'Password'. Each input field is represented by a light gray rectangular box. Below the input fields, there is a blue button with the text 'Login' and a right-pointing arrow. The form is enclosed in a thin black border.

User story 10:

As an admin, 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 11:

As an admin, 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

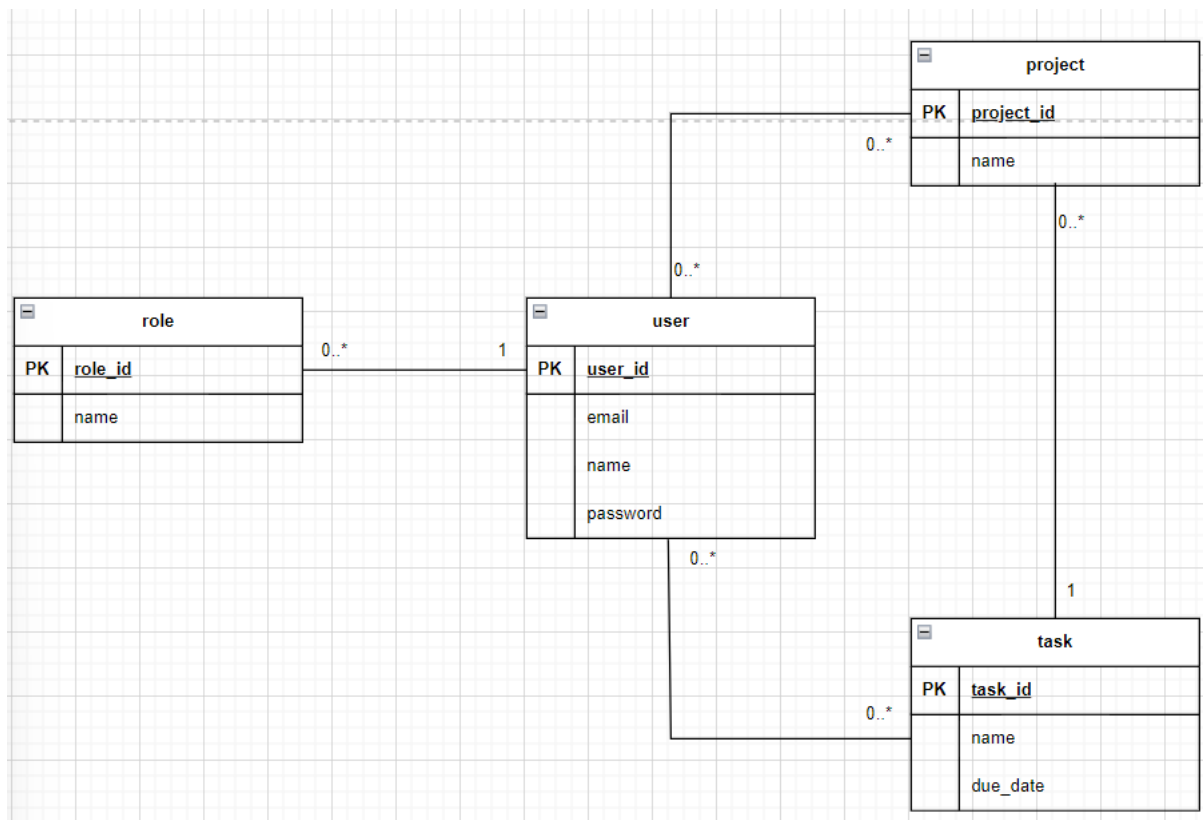
Create new project

Projects

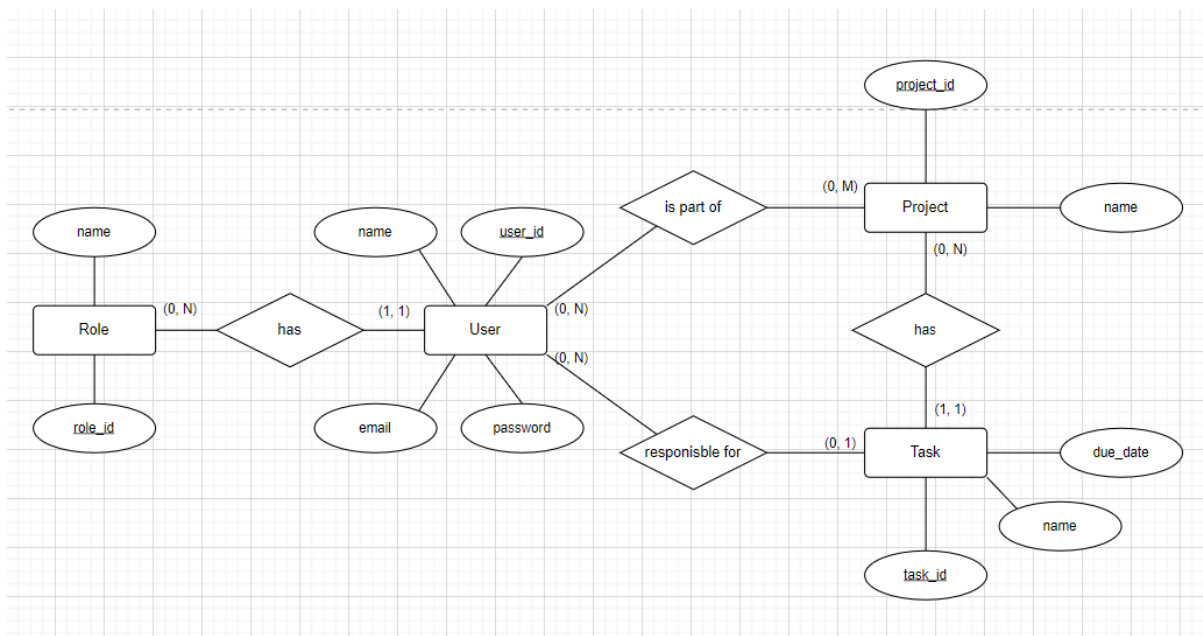
project name
project name
project name
project name

+ Add member ▼

Domain model



Conceptual database model



Logical database model

