

StartDocument for Project.IO

StartDocument of **Robin van Dijk, Jaafar Jawadi, Luca Eisinga, & Bart Wijshake.**

Application Description

Project.IO is an application, which can be used to manage projects. The application will be realized with .NET MAUI (<https://learn.microsoft.com/en-us/dotnet/maui/what-is-maui?view=net-maui-8.0>) and .NET 6+ (<https://learn.microsoft.com/nl-nl/dotnet/core/whats-new/dotnet-8/overview>) (Moste likely .NET 8) .

The application shall have a list of functionalities, in order to manage projects.

Like being able to add projects, create tasks, add deadlines and actually manage the project itself.

Schedule

A schedule will be made, in order to gatekeep the progress of this project. This schedule contains a set of activities in a broad perspective, in order to visualize what we will be working on, every week until the deadline. A schedule isn't always perfect from the start, so there might be some errors and small corrections along the way, in order to meet our goal at the end of the road.

This project has started on monday, the 22nd of April 2024 & will end on friday, the 21st of June 2024.

Week →	1	2	3	4	5	6	7	8
Startdocument								
Classdiagram								
Planning								
Onderzoek								
Ontwikkeling								
Testen								
Opleveren								

Requirements

The requirements will be determined by using the **MoSCoW-method**. By using the **MoSCoW-method**, the group is able to analyse and prioritize the functions in the according manner.

Must Have:

First of all, the **Must-Haves**. These are necessary to the product itself in order for it to function properly.

Should Have:

Secondly, the **Should-Haves**. These aren't necessary to the product, but still hold some importance. The main focus being, that they **Should** have been in the product, but aren't essential to make the product work.

Could Have:

The third would be **Could-Haves**. These aren't necessary nor essential. They would be nice to have in the product as an extra.

Won't Have:

Lastly, the **Won't -Haves**. These, as the name suggests, will not be in the product at all.

Nr	Function in question	"???" Have
1	Must be able to login	Must Have
2	Must be able to registrate	Must Have
3	Must be able to add a project	Must Have
4	Must be able to add a task	Must Have
5	Must be able to add a deadline	Must Have
6	Must be able to add a project member	Must Have
7	Must be able to assign and dismiss roles	Must Have
8	Must be able to view projects, tasks and deadlines	Must Have
9	Should be able to add a file	Should Have
10	Should be able to formulate a teamcode	Should Have
11	Should be able to add a schedule	Should Have
12	Could have a chat for every project	Could Have
13	Could have a voice chat environment	Could Have
14	Won't have an overview off a github repository	Won't Have

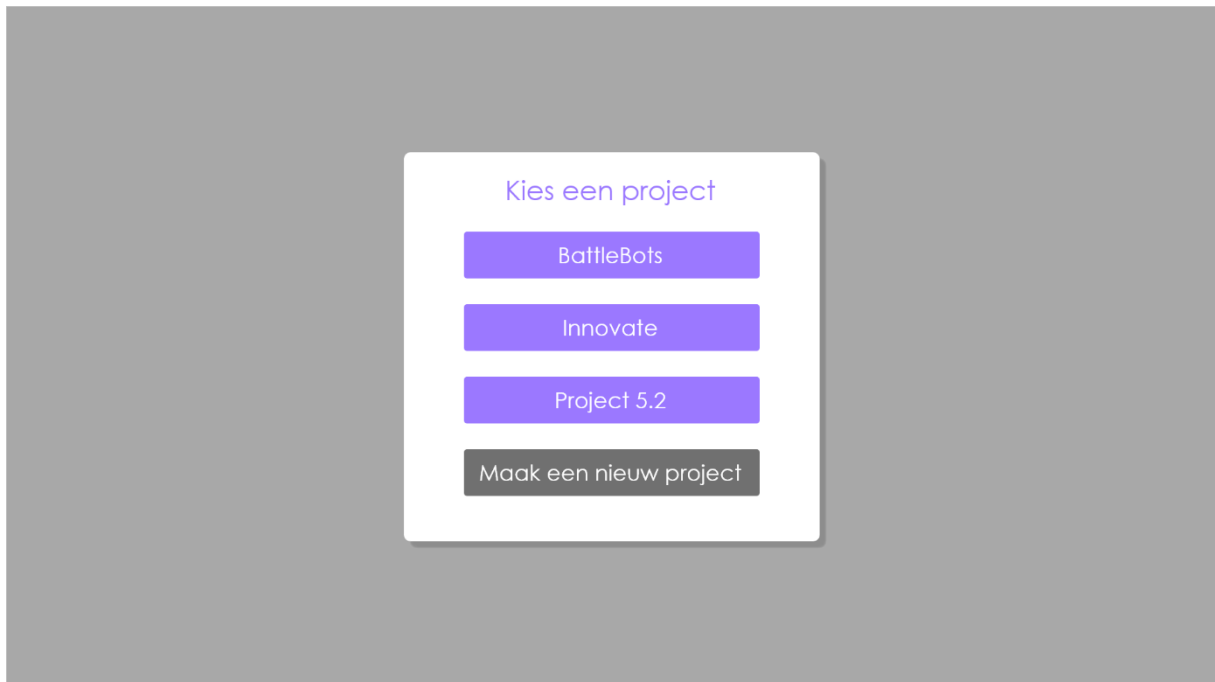
Screens

The screenshot shows the login screen of the project.io application. It features a purple background with the 'project.io' logo at the top center. Below the logo is a white card with two sections: 'Inloggen' (Login) on the left and 'Registreren' (Register) on the right. The 'Inloggen' section contains two input fields: 'Gebruikersnaam...' (Username) and 'Wachtwoord...' (Password), followed by a blue 'Inloggen' button. The 'Registreren' section contains three input fields: 'Gebruikersnaam...', 'E-mailadres...' (Email address), and 'Wachtwoord...' (Password), followed by a blue 'Registreren' button. The 'Wachtwoord...' field in the registration section is followed by a 'Herhaal wachtwoord...' (Repeat password) field.

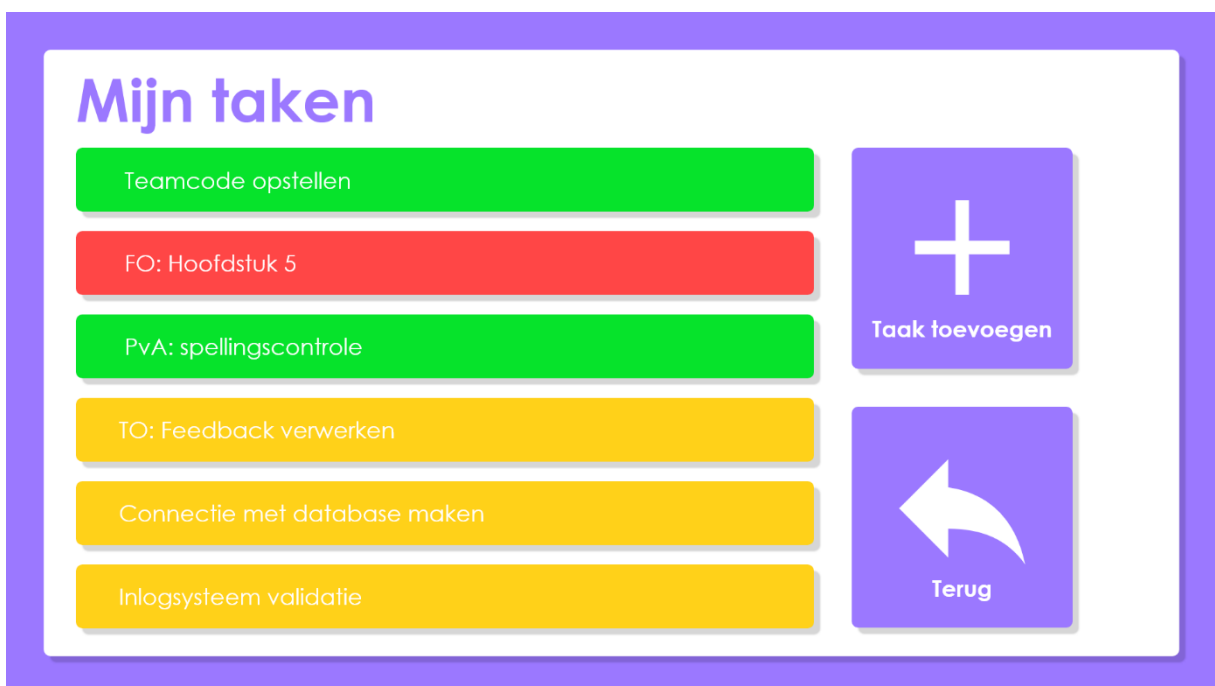
Login: The user can login on this screen in the application.

This screenshot is identical to the one above, showing the login screen of the project.io application. It features a purple background with the 'project.io' logo at the top center. Below the logo is a white card with two sections: 'Inloggen' (Login) on the left and 'Registreren' (Register) on the right. The 'Inloggen' section contains two input fields: 'Gebruikersnaam...' (Username) and 'Wachtwoord...' (Password), followed by a blue 'Inloggen' button. The 'Registreren' section contains three input fields: 'Gebruikersnaam...', 'E-mailadres...' (Email address), and 'Wachtwoord...' (Password), followed by a blue 'Registreren' button. The 'Wachtwoord...' field in the registration section is followed by a 'Herhaal wachtwoord...' (Repeat password) field.

Registration: The user can registrate on this screen in the application.



Project: On this screen, the user can see all the projects where he or she participates in.



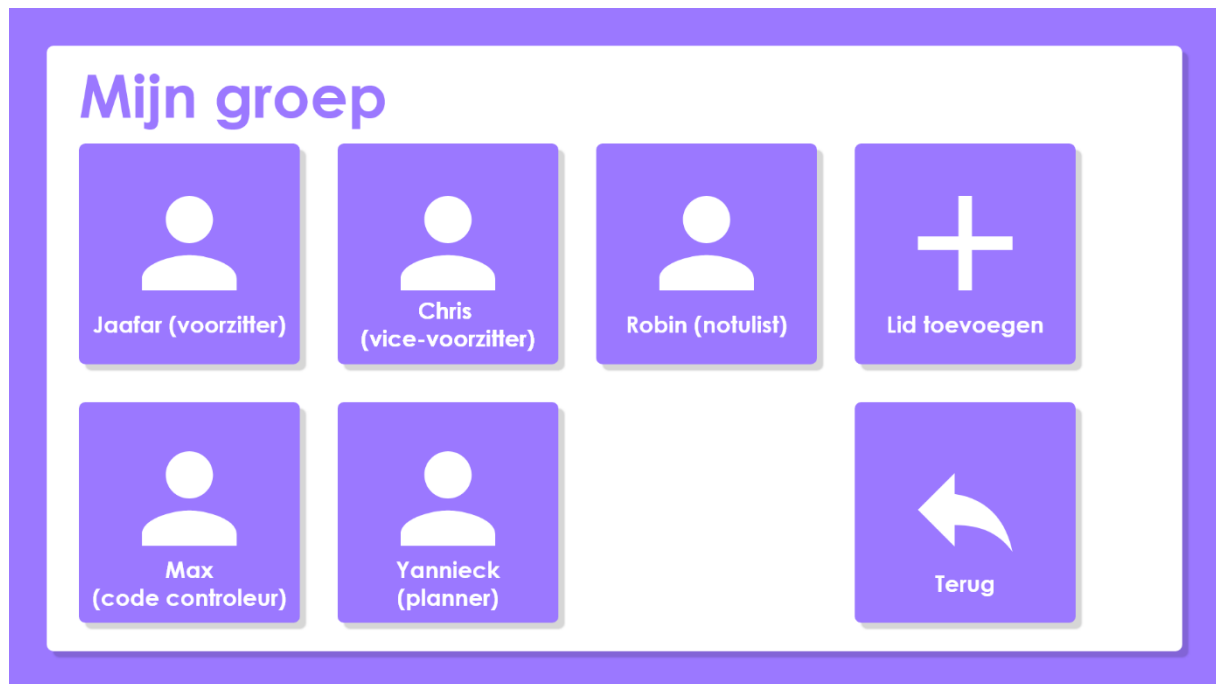
Tasks: On this screen, the user can see all tasks of a project.

The screenshot shows a white modal form titled 'Taak toevoegen' centered on a gray background. The form contains four input fields: 'Taak...' (task name), 'Toewijzen aan...' (assign to) with a dropdown arrow, 'dd/mm/jjjj' (date), and 'Omschrijving...' (description). A purple button labeled 'Taak toevoegen' is at the bottom.

Tasks adding: On this screen, the user can add a task to the project.

The screenshot shows a purple-bordered screen titled 'Mijn groep'. It displays six member cards in a 2x3 grid. Each card has a white person icon and a name with role: 'Jaafar (voorzitter)', 'Chris (vice-voorzitter)', 'Robin (notulist)', 'Max (code controleur)', and 'Yannieck (planner)'. The top-right card is a '+ Lid toevoegen' (Add member) button. The bottom-right card is a 'Terug' (Back) button with a white arrow icon.

Members (for the project): On this screen, the user can see all members of the project.



Roles: On this screen, the user can assign & dismiss roles from other project members. This depends on the role of the user as well.



Project management: On this screen, the project can be managed. Think about adding new tasks, deadlines or members.

Projectdeadlines

Documenten inleveren

Iedereen

08-05-2024

Documenten inleveren

Iedereen

08-05-2024

Documenten inleveren

Iedereen

08-05-2024



Deadline
toevoegen



Terug

Deadlines: On this screen, all deadlines can be seen.

Teamcode opstellen

08/05/2024



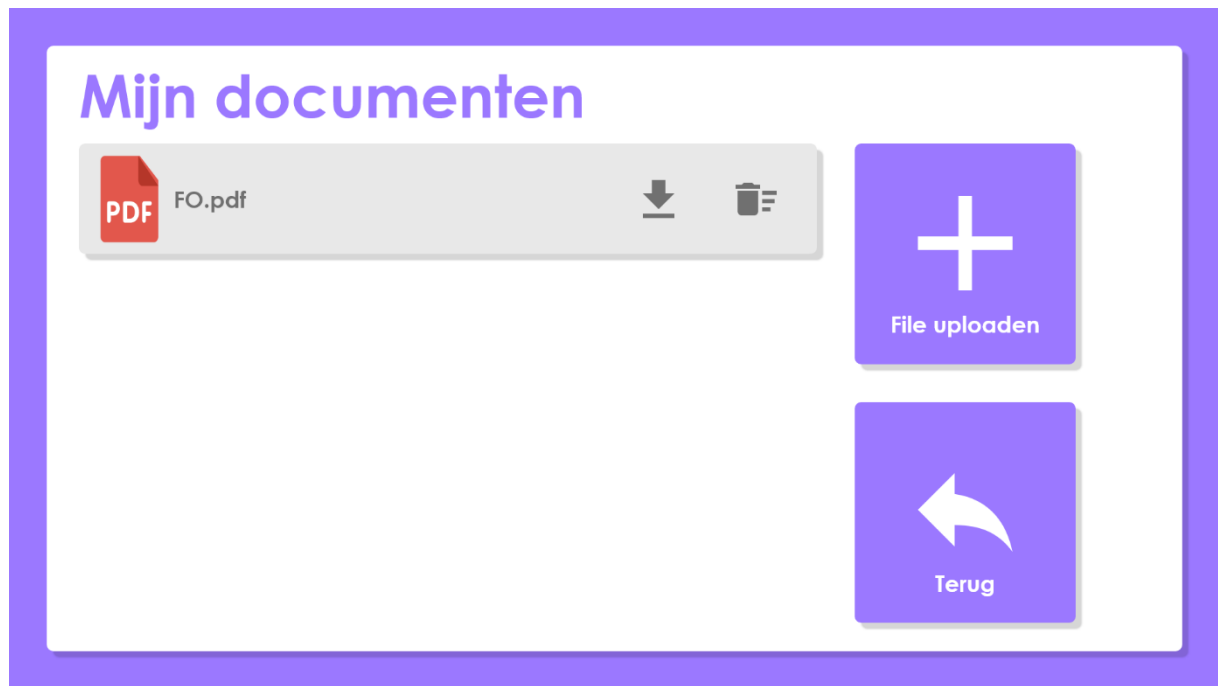
Toegewezen aan: iedereen

Omschrijving:

Deze taak houdt in dat alle teamleden een teamcode moeten opstellen met elkaar en die goed analyseren. Vervolgens tekent iedereen de formulier met zijn/haar handtekening.

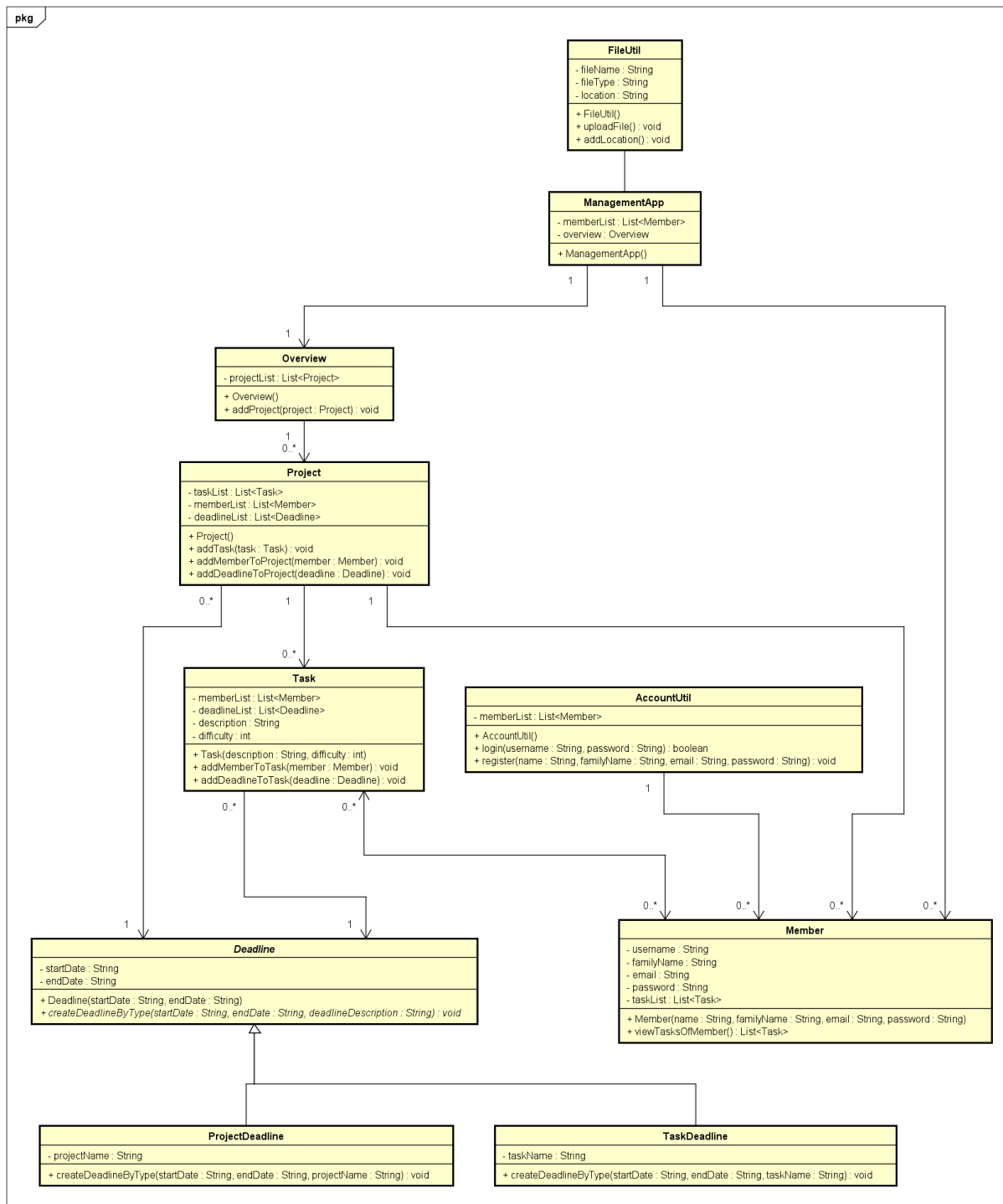


TaskView: This screen is an example, of what a task may look like.



Document overview: On this screen, the user can see all files and add new files.

Class Diagram



Literature List

Davidbritch. (2023, 25 juli). *What is .NET MAUI?* - .NET MAUI. Microsoft

Learn. <https://learn.microsoft.com/en-us/dotnet/maui/what-is-maui?view=net-maui-8.0>

Gewarren. (2024, 14 februari). *Nieuw in .NET 8*. Microsoft Learn. <https://learn.microsoft.com/nl-nl/dotnet/core/whats-new/dotnet-8/overview>