



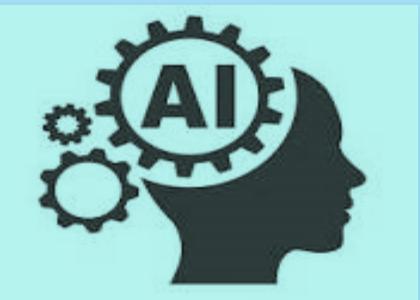
PERSONALIZED STUDY PLANNER

Group 2:

Farnaz Jamilpanah, Michael Blas Palpa,

Miro Valtonen, Saeid Taebnia

Links:



USE OF AI OR NOT



[HTTPS://GITHUB.COM/MIRO193/SEPO1_PROJECT.GIT](https://github.com/miro193/SEPo1_PROJECT.GIT)



[HTTPS://TRELLO.COM/B/8GWS4YCH/PRESONAL-STUDENT-PLANNERSPRINT-1](https://trello.com/b/8gws4ych/presonal-student-plannersprint-1)

Product Backlog

- As a student I need the application to be secure.
- As a student I need there to be a calendar where I can check my schedule.
- As a student, I want to enter my subjects and exam dates so that the system can create a personal study plan for me.
- As a user, I want to receive daily reminders to stay on track with my study plan and up to date.
- As a student, I want the plan to include diagrams and colors to make it easier to Understand.
- As a student, I want to set weekly goals so I can measure my progress.
- As a student with anxiety, I want to receive motivational messages, so I feel supported in my process.
- As a student, I want the plan to include scheduled breaks to avoid mental burnout.
- As a student, I want the system to help me allocate my study time according to the difficulty of each subject

Sprint 1

Sprint Master:Farnaz

Personal student planner(Sprint 1) 000

Sprint Backlog

- Setup Trello
- Write product Vision
- Project plan
- Figma(UI)
- Setup Git repository
- Setup Jenkins and Docker(In progress)
- Set team numbers task

+ Add a card

Sprint1 Backlog

- Schedule deadline
- Discord meetings

+ Add a card

To Do

- Sprint1 Review (Sep 2)
- + Add a card

Done

- Create User Stories
- Decide on communication and collaboration
- Chose technologies
- Project vision
- Project plan
- Create GitHub project repo and readme.md
- Deign the database architecture
- Discord meeting Fr- 22.08.2025
- Discord meeting su- 24.08.2025

In progress

- + Add a card

Postpond

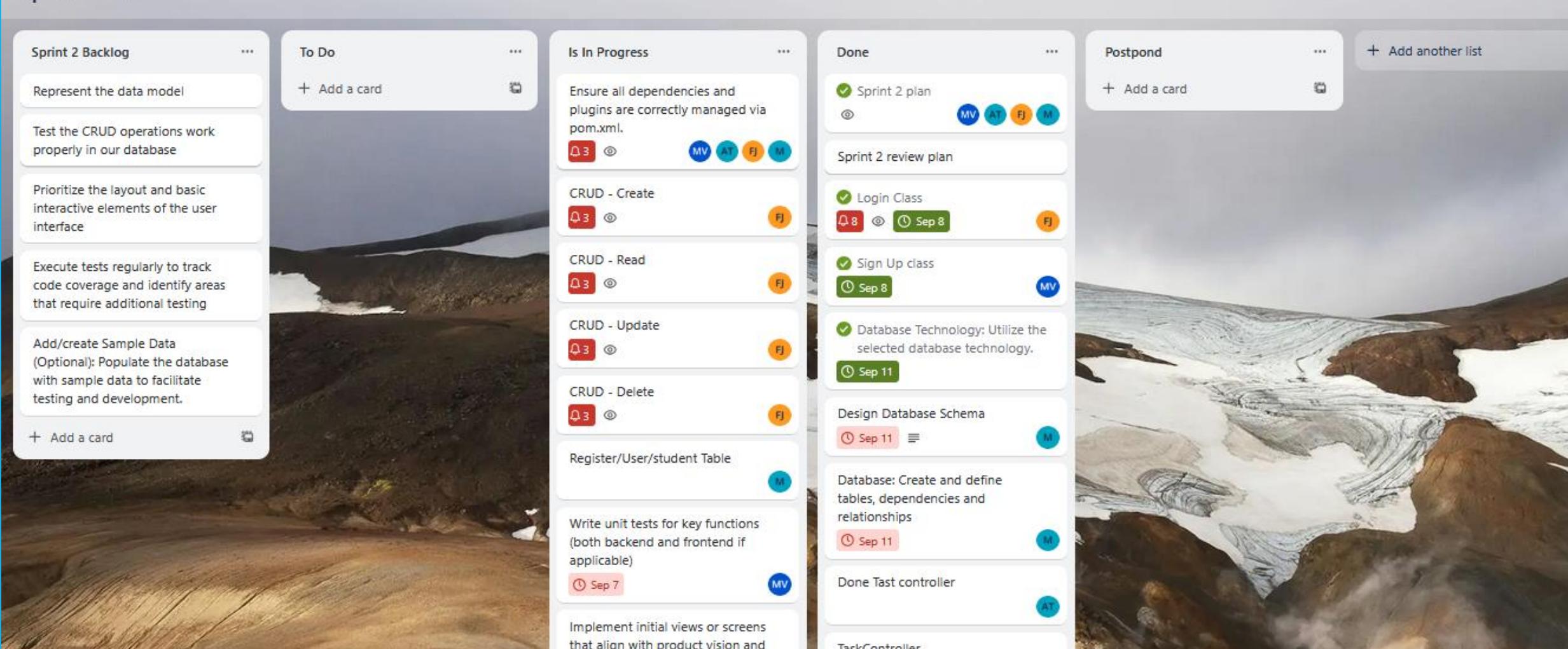
- + Add a card

+ Add another

Sprint 2

Sprint Master: Miro

Sprint 2 000 ✓



Sprint 3

Sprint Master:Saeid

dog ▾

Sprint 3 tasks to be done:

...

Add user login, data security, and an admin dashboard.

Add key missing frontend features.

Add key missing backend features.

Add key missing database features.

To continue our unit and integration tests.

To generate code coverage reports using JaCoCo.

To add Jenkins to our project for automation of tests and builds of our code every time we make a change to it.

To add docker to our project for creating a portable and versatile version of our application (as a Docker image) that can run consistently on any computer.

To insure that the Jenkins pipelines in our project generates and publishes the JaCoCo HTML reports.

Sprint 3 tasks in progress:

...

Sprint 3 done tasks:

...

To continue our unit and integration tests.

...

MV

First view controller to first_view.fxml

...

MV

Add user login, data security, and an admin dashboard.

AT

F

M

MV

Add key missing frontend features.

...

AT

Add key missing backend features.

...

F

AT

MV

M

Add key missing database features.

...

M

To generate code coverage reports using JaCoCo.

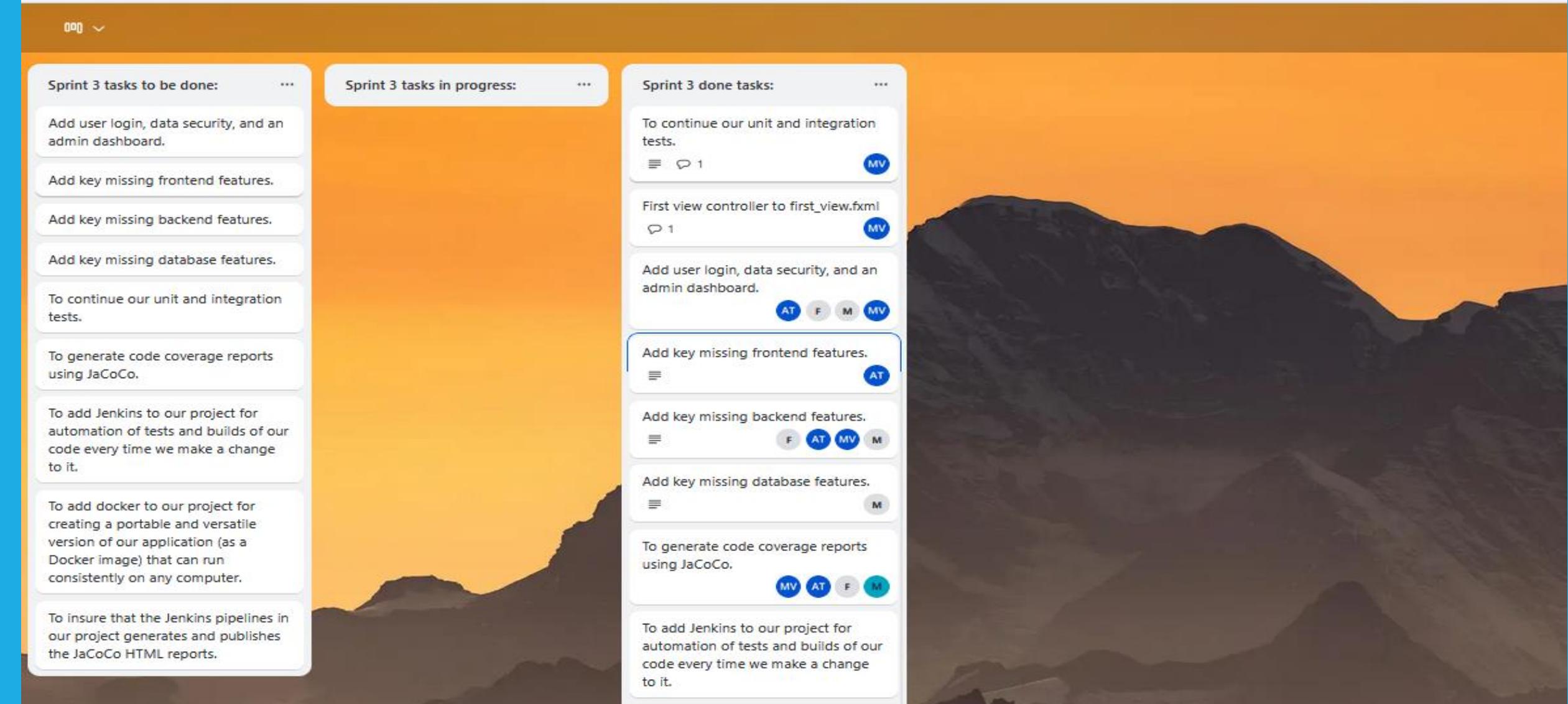
MV

AT

F

M

To add Jenkins to our project for automation of tests and builds of our code every time we make a change to it.



Sprint 4

Sprint Master: Michael

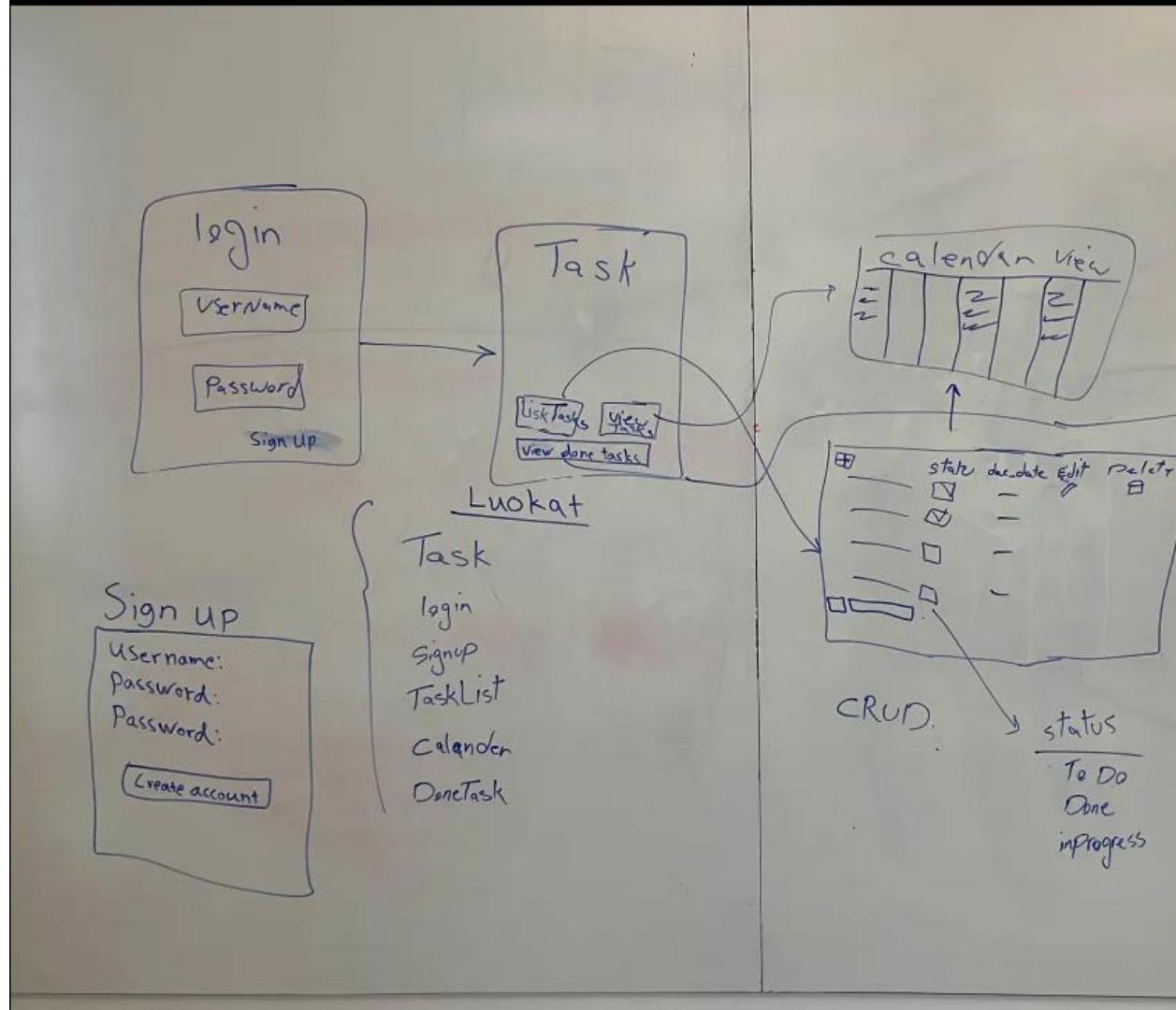
The image shows a Trello board for Sprint 4. The board has four lists:

- Tehtävä**:
 - Finalize prototype functionality (authentication, data visualization, API integration)
 - Upload Docker image to Docker Hub
 - Share functional prototype with classmatesUpdate documentation in GitHub and Trello
- Työn alla**:
 - Deployment in Docker Play
 - Collect peer feedback
 - Prepare presentation and product tutorial
- Valmis**:
 - Create Dockerfile for frontend and backend
 - Local testing with
 - Validate user flow and UI components
 - Fix UI and logic errors
- Scrum Master**:
 - Ensure active participation of all team members
 - Compile a comprehensive report on Sprint 4 implementation
 - Coordinate the team's preparation for the final demonstration (Week 8)
 - Oversee final documentation updates in GitHub and Trello

Each card includes assignee icons (M, AT, FJ, MV) and a 'Create' button. A 'Search' bar and a 'Create' button are at the top. On the right, there's a '+ Add another list' button and a scenic image of a mountainous landscape.

Applied Technologies





DEMO

 Task Manager

Sign Up

Username:

Password:

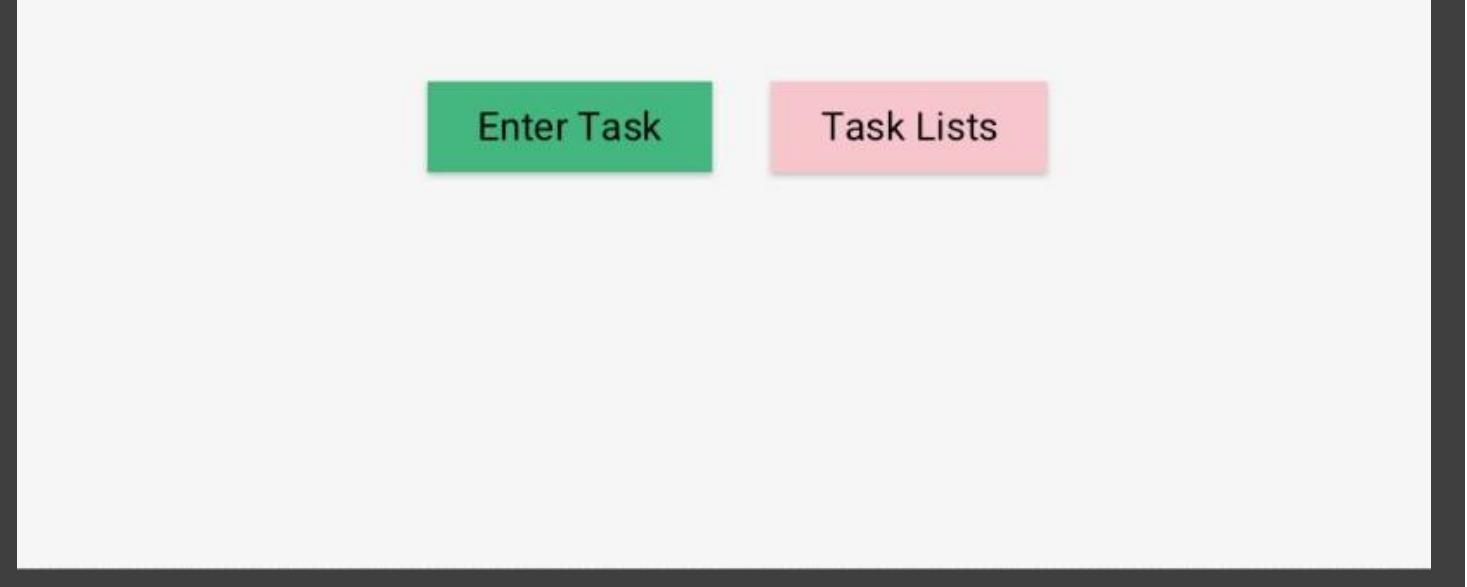
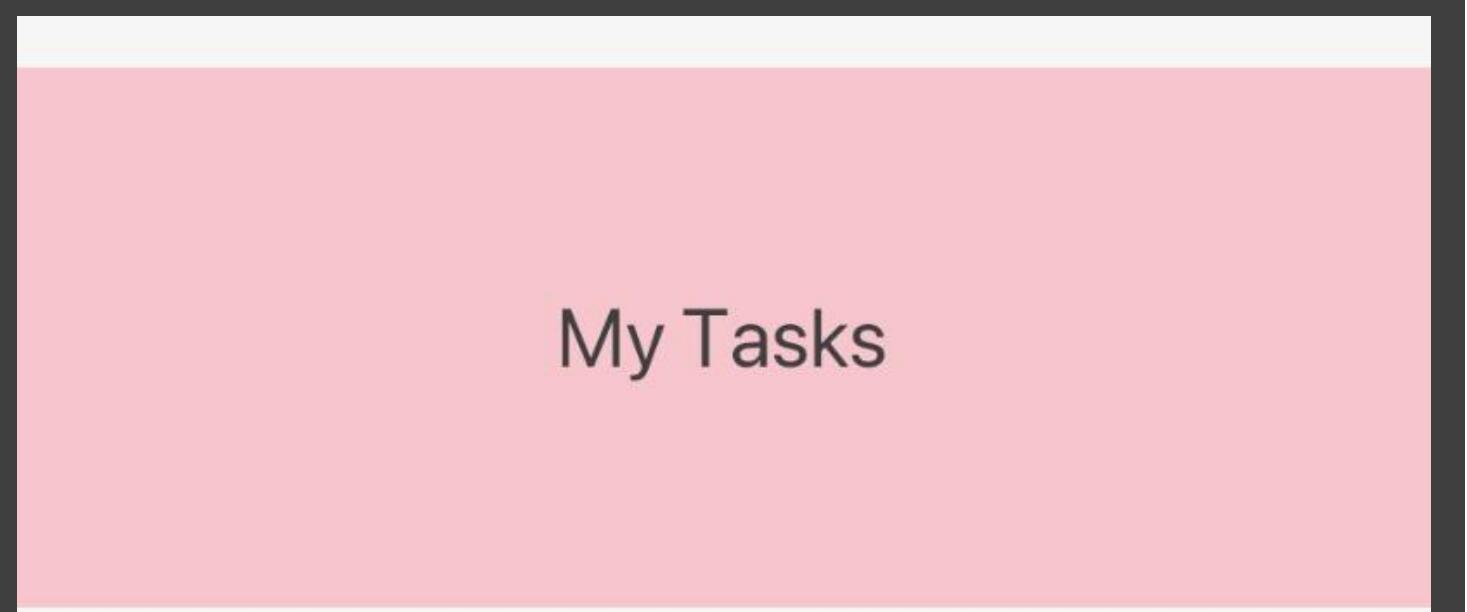
Confirm:

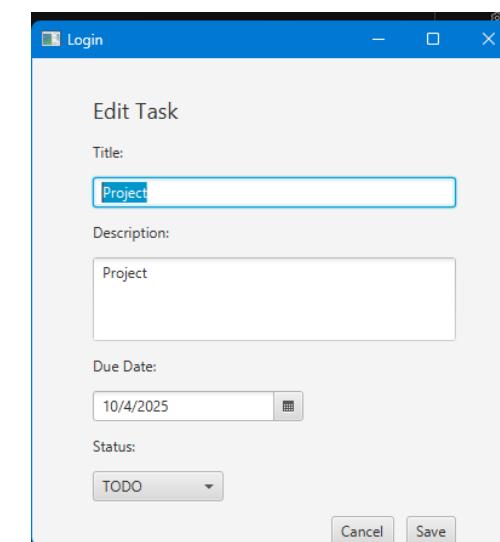
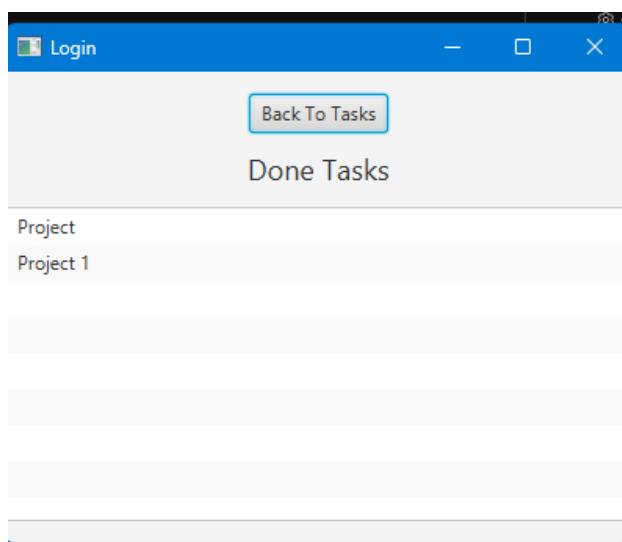
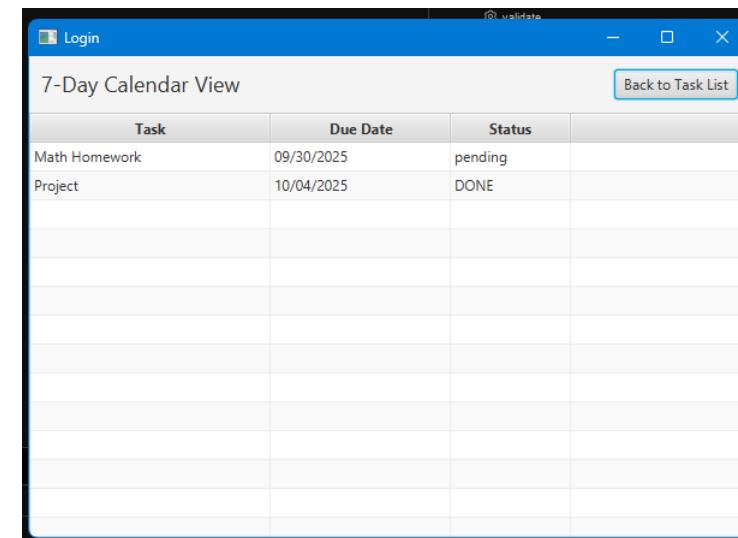
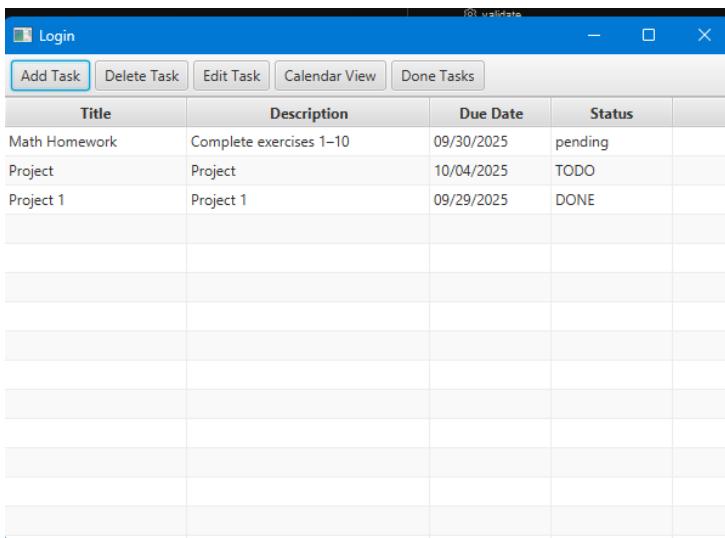
 Task Manager

Login

Username:

Password:





Learning achievement

1. Technical skills

- Learned how to use **JavaFX** to design a GUI.
- Created a **project vision** and **UI with Figma**.
- Gained experience with **Maven**, **Jenkins**, and **Docker**.
- Learned to manage project structure with **MVC** (Model-View-Controller).

2. Agile/Scrum skills

- Understood how to write **user stories** and maintain a **product backlog**.
- Experienced working in **sprints** with clear goals.
- Practiced **role rotation** (Scrum Master changing each sprint).
- Learned how to use **Trello** for backlog and task management.

3. Collaboration skills

- Improved teamwork by dividing tasks between frontend, backend, and documentation.
- Practiced **version control with Git** in a shared repository.
- Learned to review and merge each other's code.

4. Presentation & Planning

- Practiced documenting progress (Project Plan, Product Vision).
- Learned how to present work in Scrum reviews.

Plan for further development

-More functionality features: for example each users own school time table uploads after signing in.

-More language options(localization)

-Dark mode feature

-Add motivational texts

*Thank
you!*