



# Sprint 1 esitelmä

LiMaVi (Ryhmä 3)

- Suphitcha Pitkänen, Maria Aalto and Ville Schulz.



# Projekti

# Product Vision: Digital Note-taking and Annotation Tool

**Problem Statement:** Users in our target demographic struggle with managing and organizing their lecture notes effectively. Existing solutions fail to provide intuitive tools for categorizing, annotating, and retrieving notes efficiently, leading to frustration, inefficiency, and lost opportunities for better learning outcomes.

**Target Audience:** Our product is designed for students, particularly those in higher education, who need a streamlined and effective way to take and organize lecture notes. These users value tools that enhance productivity and learning, prefer user-friendly interfaces, and require features like categorization, annotation, and quick retrieval of information.

**Value Proposition:** Our product offers a comprehensive digital note-taking and annotation tool that combines seamless categorization, advanced annotation options, and efficient search functionality. By addressing students' needs for organization and clarity, our tool significantly improves study efficiency and knowledge retention, surpassing existing solutions in the market.

## Key Features and Functionality:

- **Categorization:** Ability to add, edit, and categorize notes by topics, courses, or custom tags.
- **Annotation:** Annotate notes with images, diagrams, highlights, and other visual aids.
- **Search and Filter:** Quickly search and filter notes by keywords, topics, or tags for easy retrieval.

## Goals and Objectives:

- **User Adoption:** Ensure students in the project's target group effectively use the tool for at least 3 classes.
- **User Feedback:** Collect feedback from 90% of participants to improve usability and functionality.
- **Learning Impact:** Demonstrate a measurable improvement in students' ability to organize and retrieve notes during the semester.

**Vision Statement:** Our vision is to empower students with a cutting-edge digital tool that transforms how they capture, organize, and enhance their notes. We aim to simplify the note-taking process, improve study efficiency, and help students achieve their academic goals through intuitive and innovative solutions.

# Project Plant: Digital Note-taking and Annotation Tool

## 1. Introduction

**Project Title:** Digital Note-taking and Annotation Tool

### Project Description:

This project aims to develop a digital system that enables students to efficiently take lecture notes and annotate them with additional information or images. The tool focuses on improving productivity and learning outcomes by providing features such as note categorization, annotation with diagrams or highlights, and the ability to search and filter notes based on keywords or topics.

### Objectives:

- Create a user-friendly platform for students to manage lecture notes.
- Enable advanced annotation capabilities to enhance note usability.
- Implement a robust search and categorization system for effective organization.

### Scope:

- **Included:** Development of note-taking, annotation, categorization, and search features using JavaFX and MariaDB.
- **Excluded:** Integration with third-party applications or cloud synchronization.

## 2. Project Organization

### Team Structure:

- **Suphitcha:** Scrum Master (Sprint 1), Backend Developer
- **Maria:** Backend Developer, Database Specialist
- **Ville:** Frontend Developer, Creative Design Lead

### Communication Plan:

Communication is determined by the Scrum Master and will include regular sprint meetings, task updates on Trello, and team discussions as needed. Team members are encouraged to actively communicate challenges and progress to ensure collaboration.



# Aiheet

- Mitä ollaan tehty?
- Mitä tehdään seuraavaksi?
- Oliko haasteita, joihin tarvitsisi muutoksia?



# Tiimiroolit

## **Sprint 1:**

Scrum Master: Suphitcha Pitkänen

Kehittäjä(backend): Maria Aalto

Kehittäjä (frontend): Ville Schulz

## **Sprint 2:**

Scrum Master: Suphitcha Pitkänen

Kehittäjä(backend): Maria Aalto


Kehittäjä(frontend): Ville Schulz

**Suphitcha Pitkänen**

**Scrum Master**

# Sertifikaateista ja projektin järjestelyt

- Project visio
- Project plan
- Trello (Ville)



This badge was issued to [Suphitcha Pitkanen](#) on January 20, 2025  
[View celebrations](#)

[Share](#)

[...](#)



## Project Management Fundamentals

Issued by [IBM SkillsBuild](#)

This credential earner demonstrates a foundational understanding of project management concepts and processes. This includes knowledge about the value of project management, approaches to project management, and the role and responsibilities of the project. [More...](#)

[Learn more](#)

Skills



This badge was issued to [Suphitcha Pitkanen](#) on January 25, 2025  
[View celebrations](#)

[Share](#)

[...](#)



## User Experience Design Fundamentals

Issued by [IBM SkillsBuild](#)

This credential earner demonstrates knowledge of UX design concepts, processes, and tools that UX designers use. The individual has a conceptual understanding of user personas, wireframes, prototypes, usability testing, working collaboratively with a UX design team, and has [More...](#)

[Learn more](#)

Skills



This badge was issued to [Suphitcha Pitkanen](#) on January 26, 2025  
[View celebrations](#)

[Share](#)

[...](#)



## Agile Explorer

Issued by [IBM SkillsBuild](#)

This credential earner has a foundational understanding of the Agile values, principles, and practices that help change culture and behaviors in the way that people work. The individual can initiate an Agile conversation with team members and colleagues, and can apply the [More...](#)

[Learn more](#)

Skills

# Planning board

The screenshot shows a Jira Product Backlog interface. The background is a high-resolution image of a rainy window with water droplets and streaks. The interface is organized into columns and a sidebar.

**Top Bar:** Includes the title "Product Backlog" with a star icon, a "Public" status indicator, a view toggle set to "Board", and navigation links for "Power-Ups", "Automation", and "Filters". On the right, there are user avatars for "SP", "M", and "VS", a "Share" button, and a menu icon.

**Columns:** The main area contains five columns, each with a header and a "Add a card" button at the bottom:

- Product Backlog:** Contains three text cards. The first card describes a "Digital Note-Taking and Annotation Tool". The second card describes how notes are displayed as widgets. The third card describes the widget's layout and functionality. Each card has a small icon in the bottom right corner.
- Not Completed:** Empty column with a "Add a card" button.
- Sprint 1 Backlog:** Empty column with a "Add a card" button.
- Sprint 2 Backlog:** Empty column with a "Add a card" button.
- Sprint 3 Backlog:** Empty column with a "Add a card" button.
- Sprint 4 Backlog:** Empty column with a "Add a card" button.

**Product Backlog Card Content:**

**Product Backlog** → ⋮

Digital Note-Taking and Annotation Tool Description: A system designed for students to take notes during lectures and enhance them with additional information or images. Features: Ability to add, edit, and categorize notes. Option to annotate notes by adding images, diagrams, and highlights. Search and filter notes based on topics or keywords. Technologies: JavaFX for the user interface. MariaDB for the database to store notes and categories.

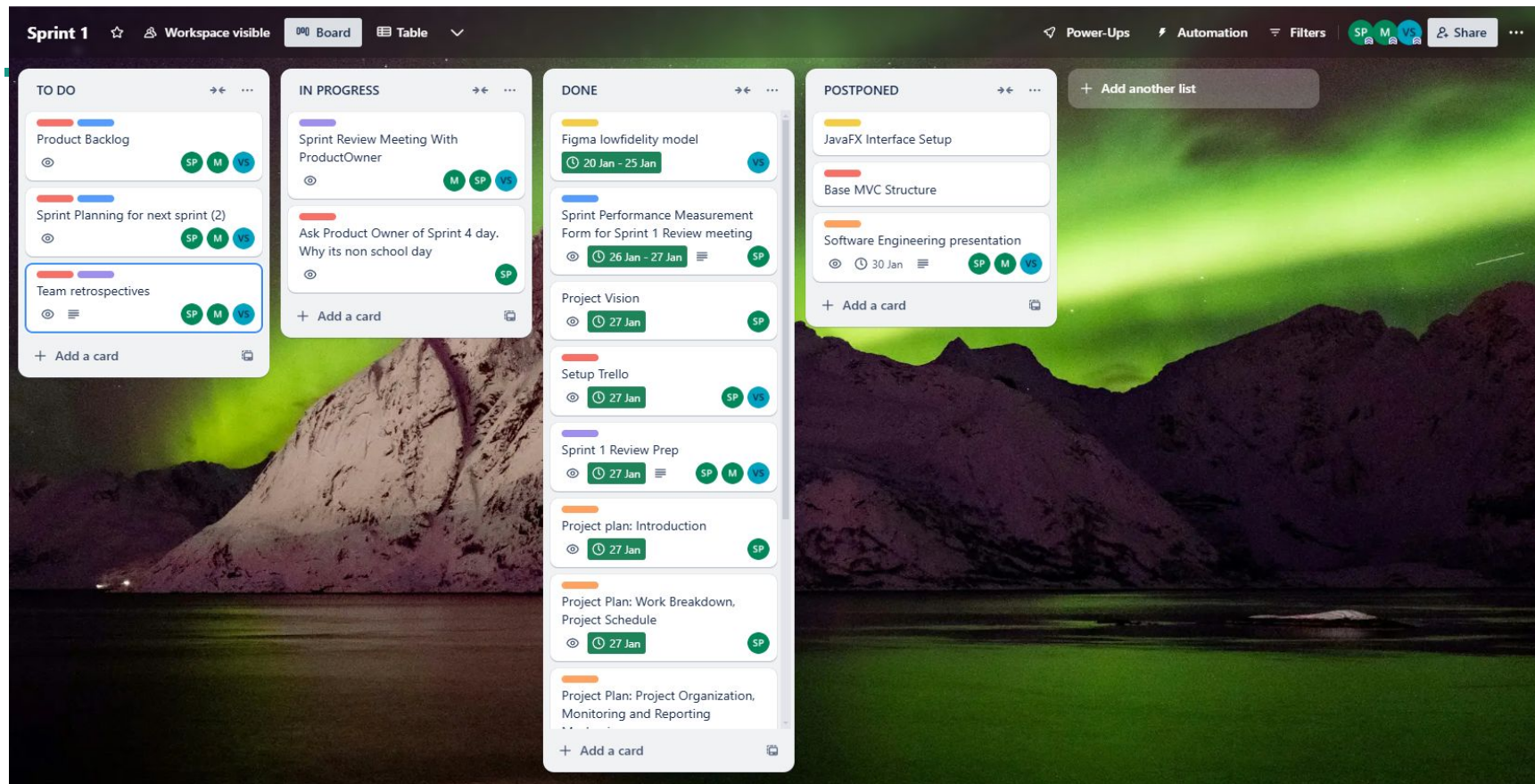
Added notes are displayed as widgets stacked vertically within the application. At the top of the application, there must be a "Log Out" button. When the application starts, a "Log In" button is displayed in the center of the screen.

The widget displays the date at the top, followed by a title and the note below it. In the normal view, a preview of the note is visible. When the widget is clicked, it opens a view mode where the full note can be seen. From this view, it is also possible to edit the note using the "Edit" button. In the top right

+ Add a card



# Sprint board

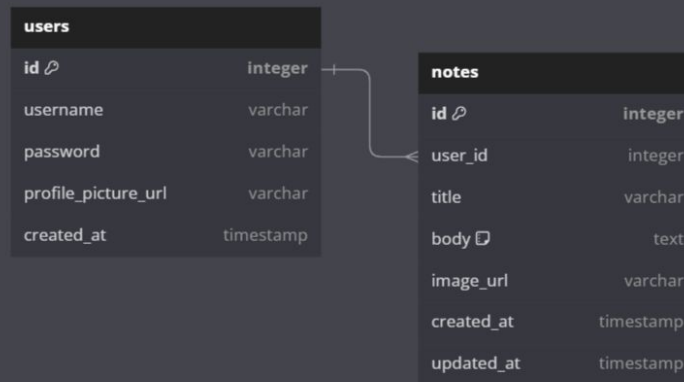


**Maria**

**Tietokanta schema**



- Users ja notes taulukot
- Database laitetaan claudiin



**Ville**

**Low-fidelity UI-malli**



# UI-Suunnittelu

- Suunnitelma toteutettiin käyttäen Figmaa
- Käytetty aika noin 1h
- Esiintyneitä ongelmia: Ryhmäelementtien tekeminen tuotti hankaluuksia, mutta käyttöohjeiden lukeminen auttoi asiaan;)

# Ville

Log out

Profile image

Total notes : 3



21.01.25

11:30

## Programming

Remember homework  
and all the other things  
dapdpdpdpsapdsapad  
spd... extend

Image here

21.01.25

11:30

## Programming

Remember homework  
and all the other things  
dapdpadpsdpsapdsapad  
spd... extend

Image here

21.01.25

11:30

## Programming

Remember homework  
and all the other things  
`dapdpdpsdpsapsadpad`  
`spl... extend`

Image here

## Pääikkuna

# Ville

Log out

Profile image

Total notes : 3

21.01.25 

11:30

## Programming

Remember homework and all the other things  
dappdāpdsdpdsapdsapadsp, Dasdasd asddas  
sdsdaaasadsasasaddddddddddddddddddddddddddddddd,,  
d,d,d,d, d,sad

Image here

## Muistiinpano näkymä

# Note wizard

Log in

Don't have account yet?

Sign up

Aloituspäyttö



# Note wizard

Username

Password :

Log in

1084 x 1024

Kirjautuminen

# Note wizard

Add picture

Username


Password :

Re-enter password:

Sign up

Rekisteröityminen

Ville 

Change password 

Profile image



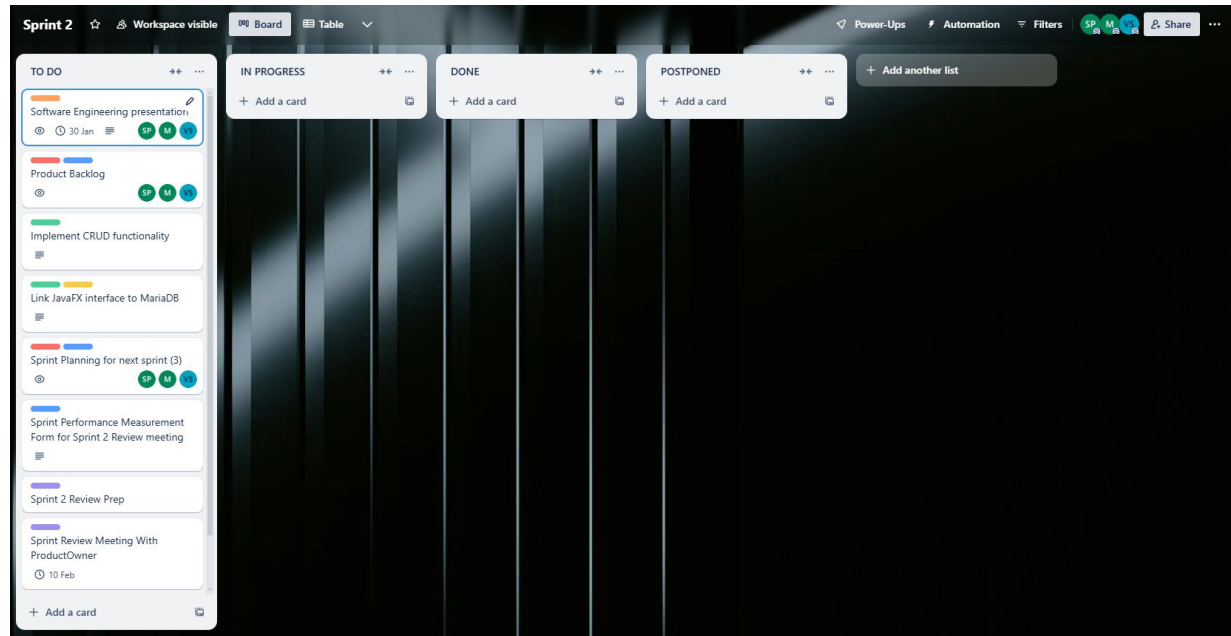
Log out

Delete account

Käyttäjän muokkaus

# Seuraavaksi

- Sprint Backlog täydentäminen ja
- Sprint 2 suunnitteleminen
- Ohjelmistosuunnittelun esitys





# Haasteita?

Lisää tietoa asioista, jotta eteneminen olisi selkeämpää ja sujuvampaa. esim. Projektin etenemisestä.