Group 5
9.10.2025

NOTELY

Collaborative note taking tool

SOFTWARE ENGINEERING PROJECT

PRESENTED BY:
Emmi Korhonen
Verner Etola
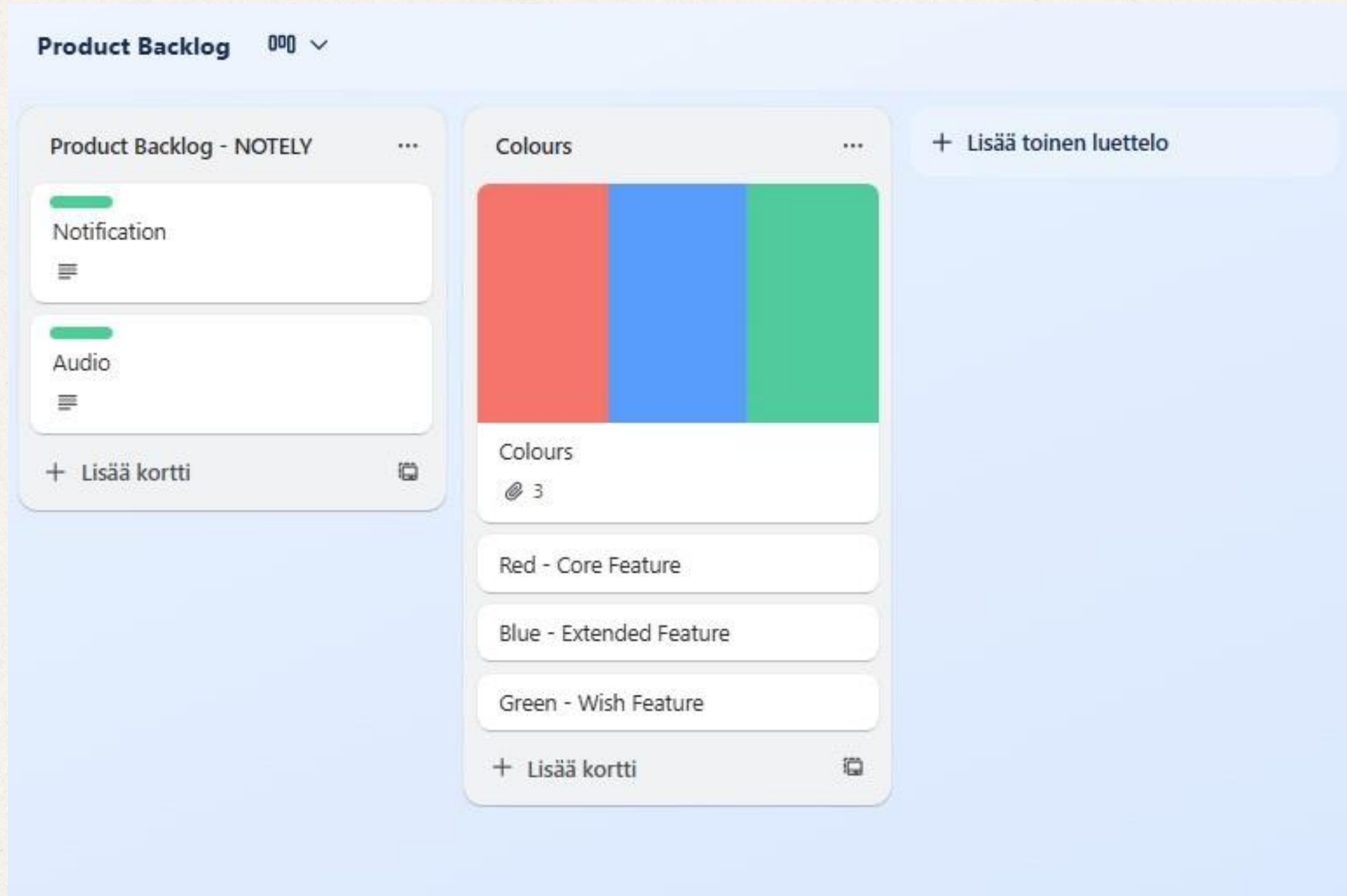Musa Sadiq Musa
Emil Blumenthal

Agenda

01 Product Backlog

02 Sprint 1

Sprint Master Verner Etola
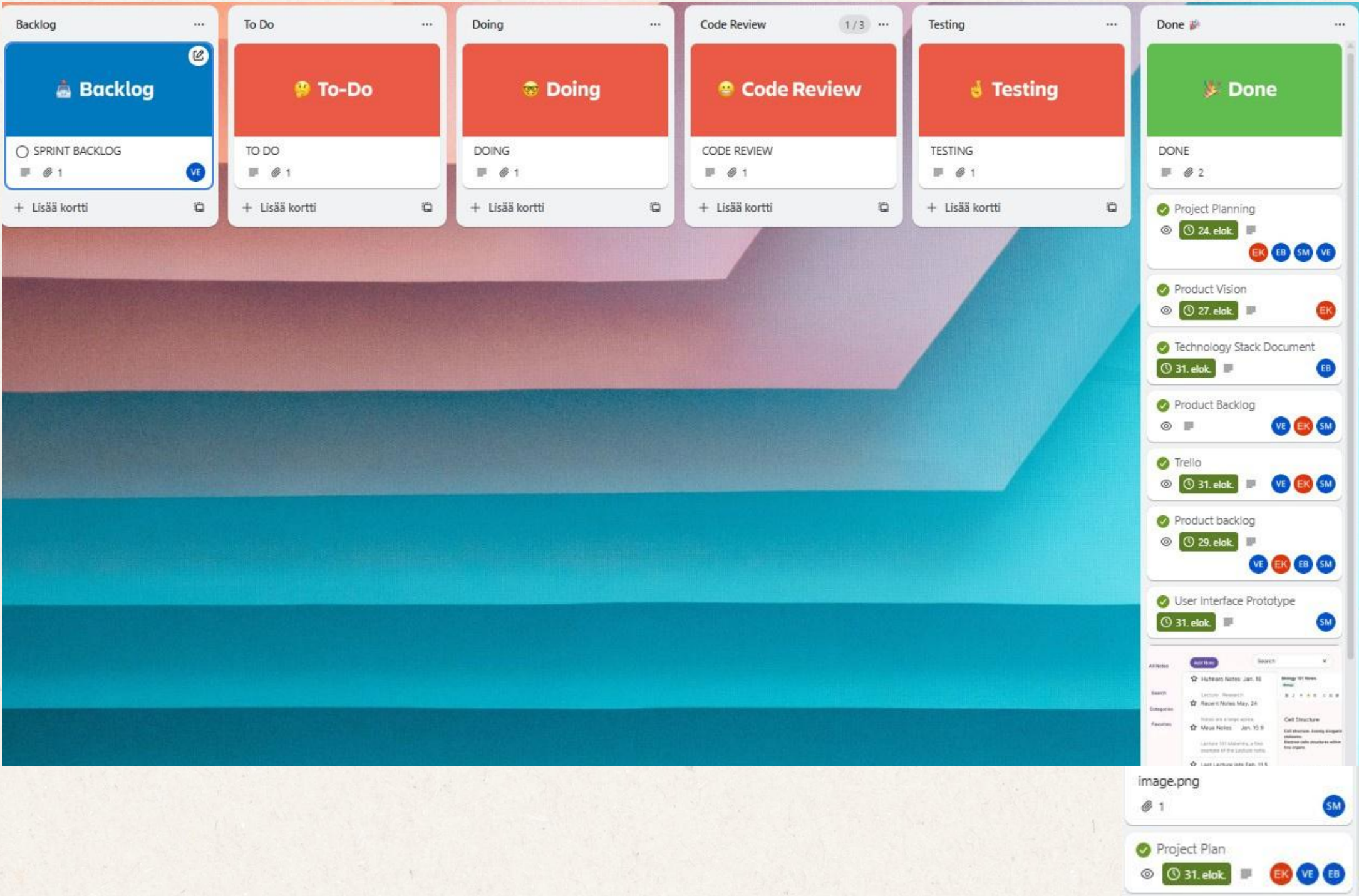
03 Sprint 2

Sprint Master Emmi Korhonen
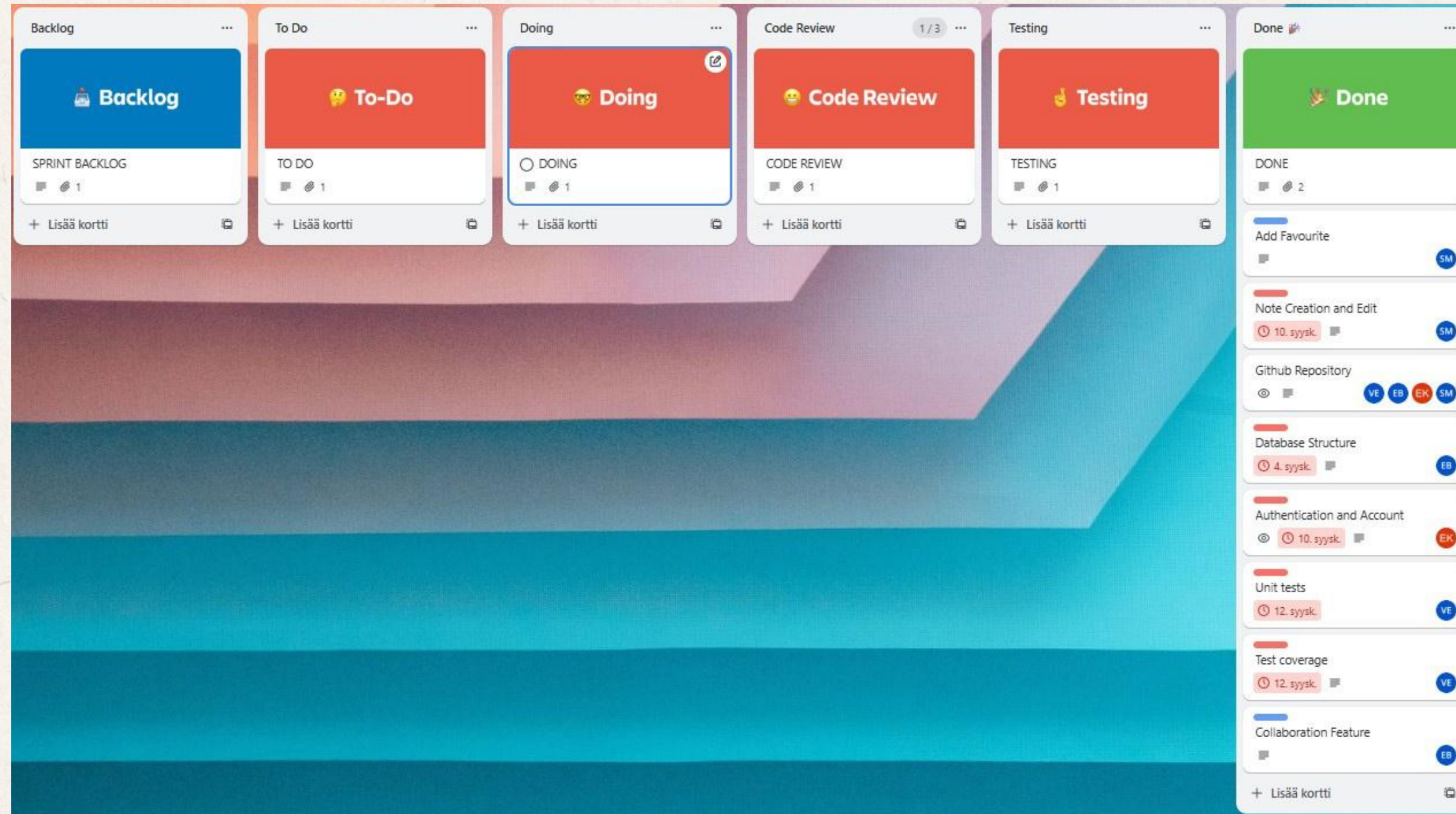
04 Sprint 3

Sprint Master Musa Sadiq Musa
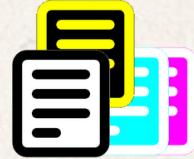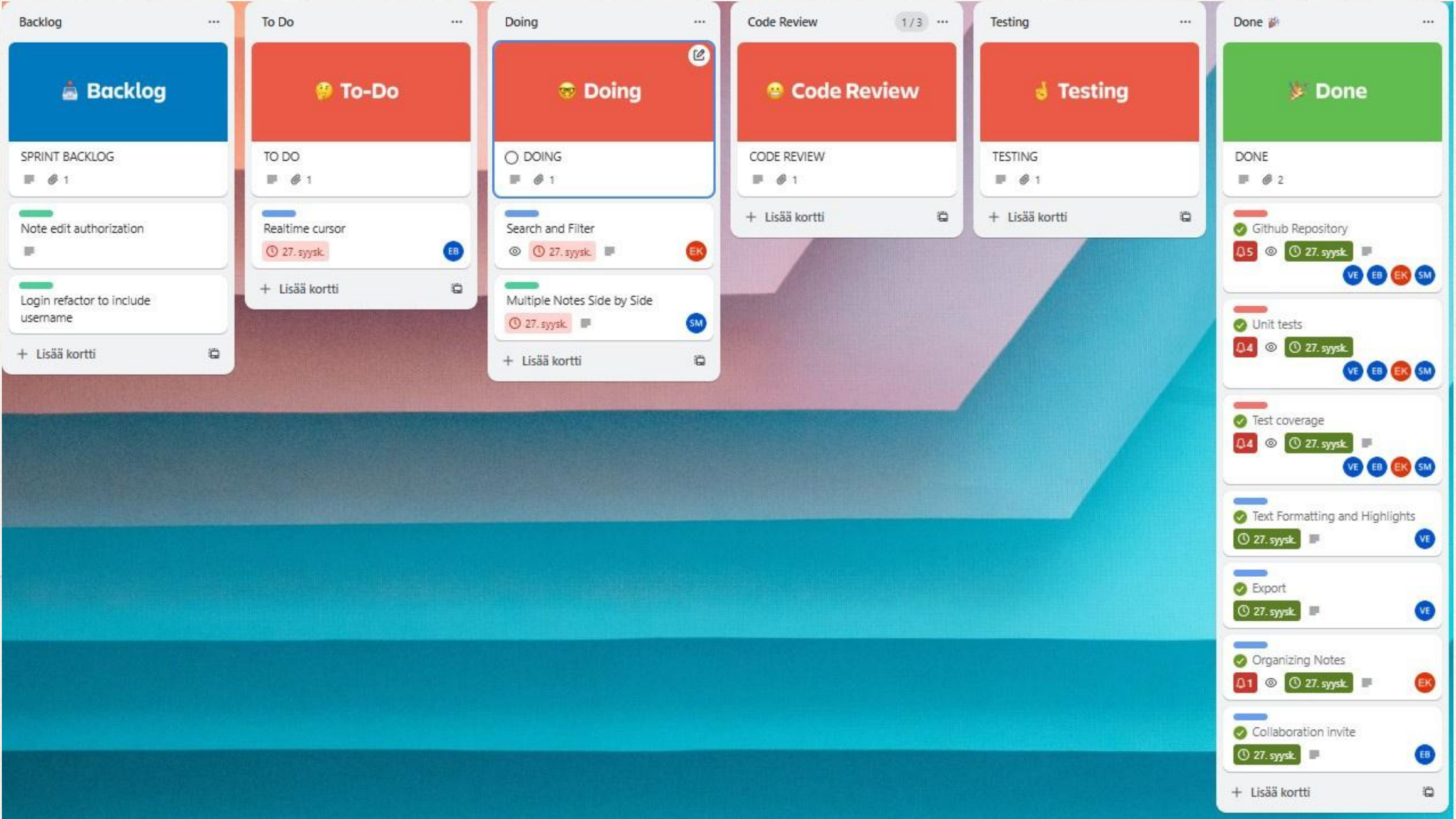
05 Sprint 4

Sprint Master Emil Blumenthal
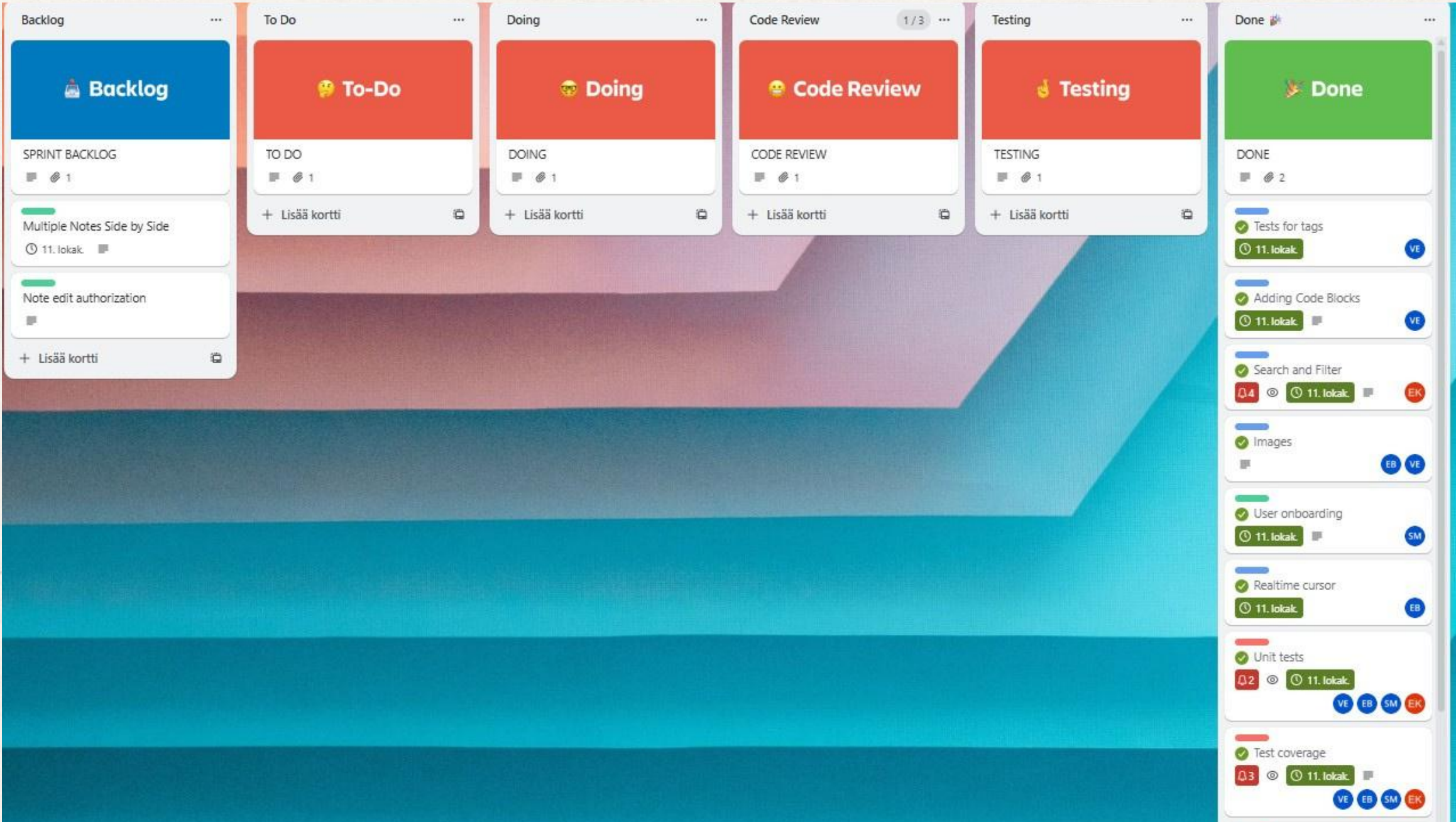
06 Architectural Design

users
- id
- username
- created_at

notes
- note_id
- title
- content
- creator_id
- created_at
- updated_at

tags
- tag_id
- name
- created_at

note_tags
- id
- tag_id
- note_id

note_presence
- note_id
- user_id
- cursor_position
- last_active

note_collaborators
- note_id
- user_id
- role
- joined_at

favourites
- id
- user_id
- note_id
- created_at

collaboration_invite
- invation_id
- note_id
- sender_id
- recipient_id
- role
- status
- created_at
- responded_at
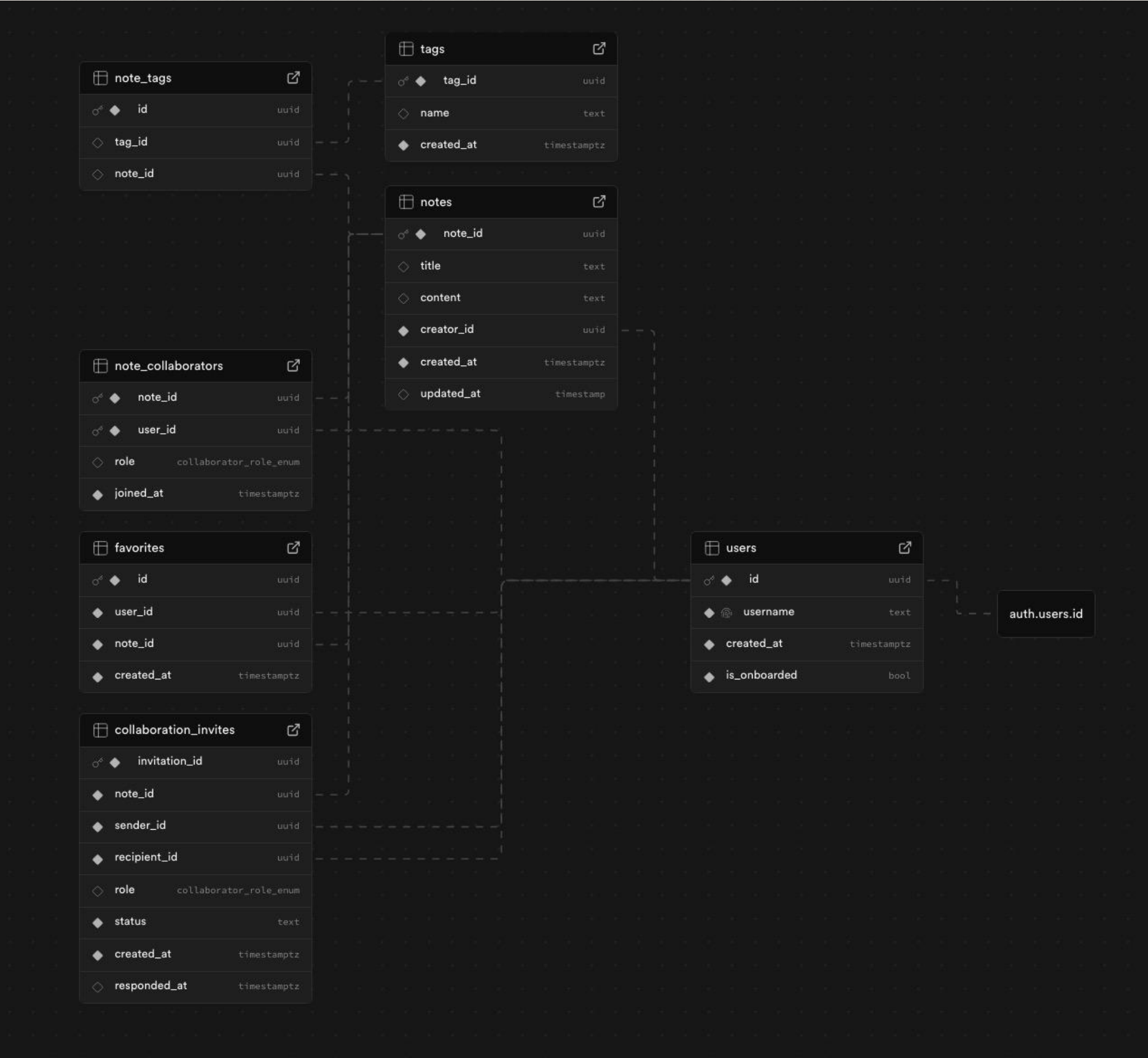
07 Applied Technologies

Frontend

Javascript
React
Tailwind

Database & Backend

Supabase (PostgreSQL)

Runtime & Package Manager

Bun

Testing

E2E: Cypress (Code Coverage)
Unit tests: Bun/Jest (Code Coverage)

08 Learning Achievement

Project Management

Scrum process and roles!
Iterative working
Time management and prioritizing
GitHub workflow
Consistent naming practicies

Technical

GitHub Actions
Docker
Supabase
Testing

09 Plan for Further Developement

- Notification feature
- User can add audio
- Improved real-time functionality
- Improved UI/UX

Skills learned in Software Engineering Project 2 course will be applied into this project.

10 Demo

Next we will show you the final product, code coverage reoport and Docker image.

Please don't hesitate to ask if you have questions.
Thank you!

Use of AI

Artificial intelligence generated code was not used in this project. We used videos, previous course work/projects, online repository code, and team members helped each other to build the project. Only for educational purposes Ai been used.

Links

GitHub Repository

https://github.com/vernere/Ryhma5/tree/main?tab=readme-ov-file

Trello

Product Backlog:
https://trello.com/b/E1Y0fgvk/product-backlog

Sprint 1 Backlog:
https://trello.com/b/1BxfzhmS/ryhma-5-sprint-1

Sprint 2 Backlog:
https://trello.com/b/pWlbPA0C/ryhma-5-sprint-2

Sprint 3 Backlog:
https://trello.com/b/HBT2vSfX/ryhma-5-sprint-3

Sprint 4 Backlog:
https://trello.com/b/fM81ilK1/ryhma-5-sprint-4