Team 5 - Sprint 4 Planning Report

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Sprint 4 Goals

- **Add support for annotating images (AND/OR) files**
- **User onboarding**
- **Code block support**
- **Implementation of Unit testing**
- **Create Docker image**
- **Push Docker image to Docker hub**
- **Share functional prototype with class**

Planned User Stories and Tasks

Backend

- **Add support for annotating images (AND/OR) files:** Store notes in an image bucket on Supabase (`note-images/<note_id>/<uuid>.png`). Plan out a possible table schema for holding annotation data like position.

Frontend Development

- Add feature to automatically stylize code blocks in md syntax highlighting.
- Add user onboarding page

User onboarding

- Add a "is_onboarded" (BOOLEAN) column to "users" table.
- Use is_onboarded to check user's onboarding status
- If the user is not onboarded, redirect them to a page like /onboarding. In the onboarding page the user can set a username for themself and the is_onboarded status is set to True.

Code stylizing with md

- Style code blocks with CSS/Tailwind
- Add a button for adding
  a code-block to the note.

Unit Testing

- Write unit tests for key functions.
- Follow the best practices for naming, structure, and test case clarity.
- Tests must be included in the project repository.

- Run Tests Regularly: Execute tests regularly to track code coverage and identify areas that require additional testing.
- Aim for Meaningful Coverage: Strive for meaningful code coverage, focusing on critical functionalities and complex logic.

Docker image

- Feature for building docker images

Docker hub

- Feature for deployment of Docker hub image
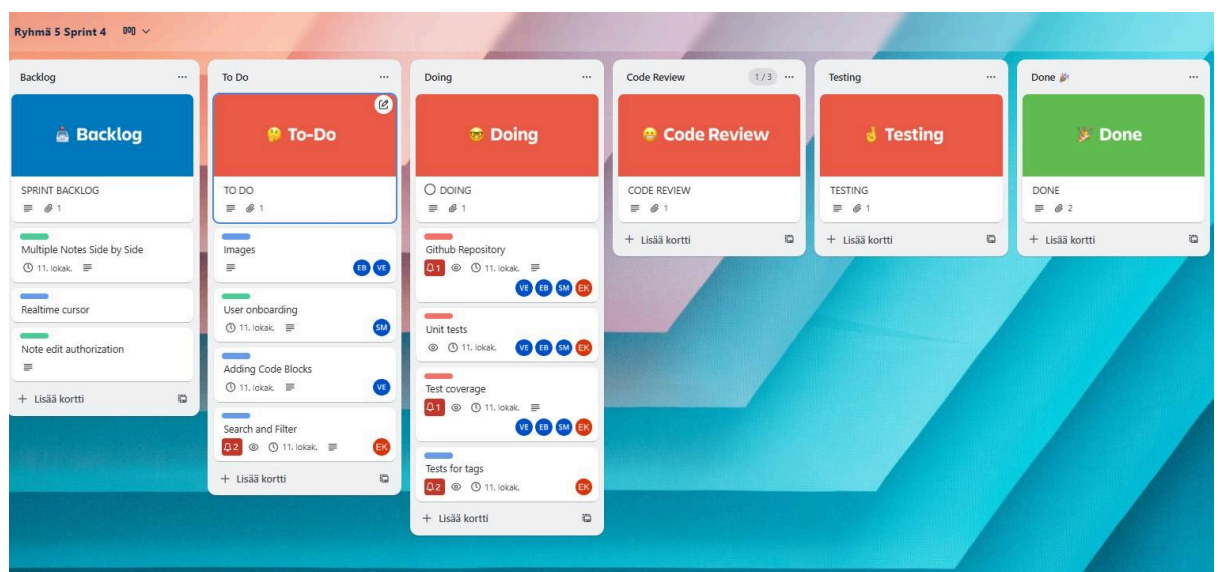
Bug Fixes

- Fix errors and smooth out UX experience

Presentation to class

- Presentation TBA

Sprint Success Measurement

- **Task completion:** All sprint tasks completed
- **Sprint backlog status:** User stories are planned and tracked
- **Obstacles:** Document challenges faced and outline solutions

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Links

Trello board: https://trello.com/b/fM81iiK1/ryhma-5-sprint-4

Project plan:
https://github.com/vernere/Ryhma5/blob/main/Documents/ProjectPlan_FinalV2.pdf

Product vision: https://github.com/vernere/Ryhma5/blob/main/Documents/ProductVision.pdf

Figma UI prototype:
https://www.figma.com/proto/XDZV4v52VwADSURYCQPD9Z/Note?node-id=0-1&t=annHlNd
EKgMlTh7x-1

Project repository: https://github.com/vernere/Ryhma5