Team 5 - Sprint 2 Planning Report
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Sprint 2 Goals

- **Design database and implementation**
- **Create initial UI**
- **Setup project structure**
- **Implementation of Unit testing**

Planned User Stories and Tasks

Backend

- **Design database schema:** Based on the product requirements, design and create the database schema. This involves identifying entities, attributes, and relationships.
- **Implement database schema:** Define tables (or collections, depending on the database type).
- **Seed with sample data (optional):** Populate the database with sample data to facilitate testing and development.
- **Test the CRUD:** operations work properly in your database.
- Basic authentication
- **Setup project structure**

Frontend Development

- **Create Initial Views/Screens**: Begin developing the frontend of the application, referencing the Figma design for visual guidance. Implement initial views or screens that align with the product vision and user stories.
- **Focus on Layout and Interactivity**: Prioritize the layout and basic interactive elements of the user interface.
- **Setup project structure**

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

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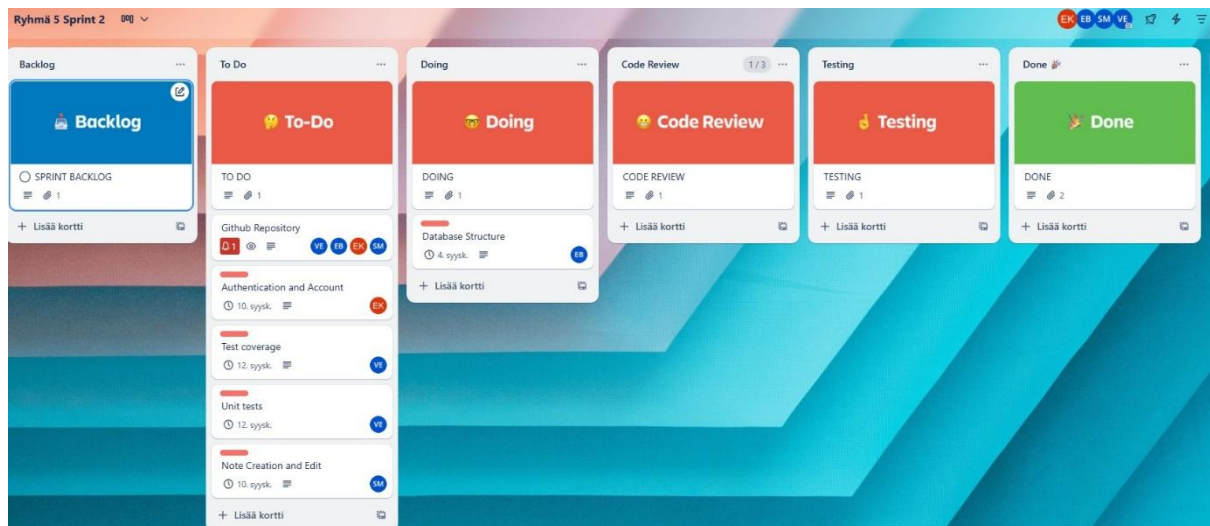
- Aim for Meaningful Coverage: Strive for meaningful code coverage, focusing on critical functionalities and complex logic.

Sprint review

- Demonstration of database, UI, Unit tests, build setup, test reports
- Individual Contributions
- Update GitHub
- Update Trello

Sprint Success Measurement

- **Trello board status :** Overall management of Trello board, all tasks categorized (To do, in progress, done)
- **Backlog status:** Monitoring of planned user stories(completed user stories, in-progress user stories, postponed user stories.
- **Obstacles:** Document challenges faced and outline solutions.

Links

Trello board: https://trello.com/b/pWlbPA0C/ryhma-5-sprint-2

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=annHlNdEKgMlTh7x-1

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