

Sprint 2 Planning: CRUD and Integration

The following section outlines the plan and main focus points for sprint 2.

Focus: Automating interest management and basic session management tools.

1. Participant Features (28.01.2025 to 04.02.2025):

- Develop a JavaFX form for participant profile creation (name, session number, phone number, email, profile picture).
- Implement backend logic to store and retrieve participant profiles in the database (login and registration).
- **Assigned to:** Mika and Heta.

2. Session Features (28.01.2025 to 02.02.2025):

- Create a feature to display a list of available sessions.
- Implement session joining with enrollment code validation and error handling.
- Add functionality to cancel session enrollment before a session starts.
- **Assigned to:** Jonne and Ade.

3. Interest Management (04.02.2025 to 08.02.2025):

- Create an "Active View" for participants to add or update interests in real-time.
- Implement backend logic to store and retrieve participant interests.
- **Assigned to:** Ade and Heta.

4. Organizer Session Management (04.02.2025 to 08.02.2025):

- Design an organizer dashboard for creating, starting, updating, and deleting sessions.
- Build backend support for session CRUD operations.
- Ability to optionally add session info box/container.
- **Assigned to:** Jonne and Mika.

5. UI Integration (08.02.2025 to 10.02.2025):

- Link the JavaFX interface to the MariaDB database for session and interest management.
- **Assigned to:** Ade and Heta.

6. Testing (Ongoing throughout Sprint):

- Write JUnit tests for interest management and session CRUD operations.
- **Assigned to:** Mika.

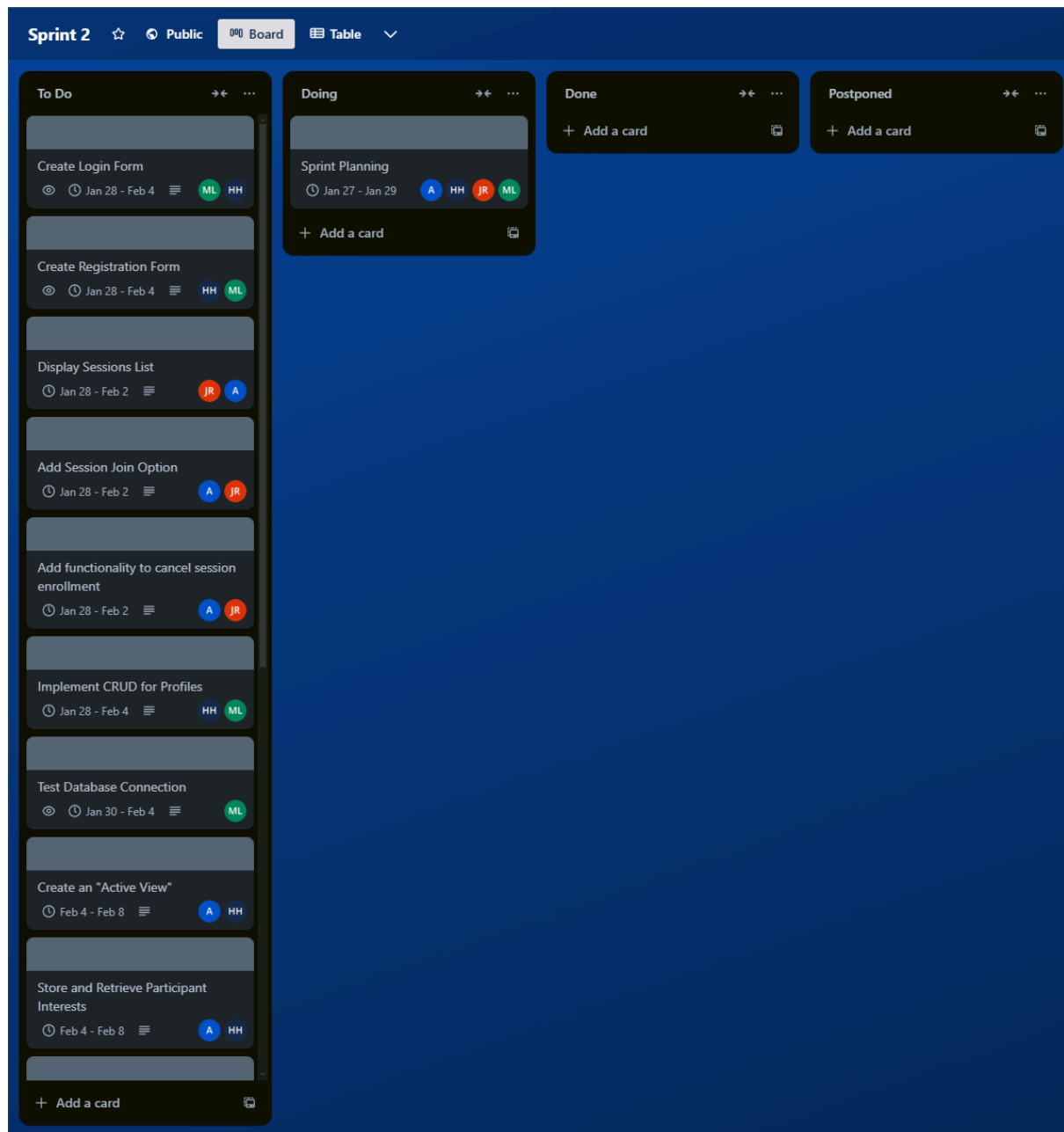


Image 1. Sprint 2 Backlog.

The sprint 2 trello board in **image 1**. displays all the upcoming tasks ordered in terms of their priority. Each card contains a brief description of the task and the assigned team member along with a schedule.

Sprint 1 Review

Sprint 1 backlog status:

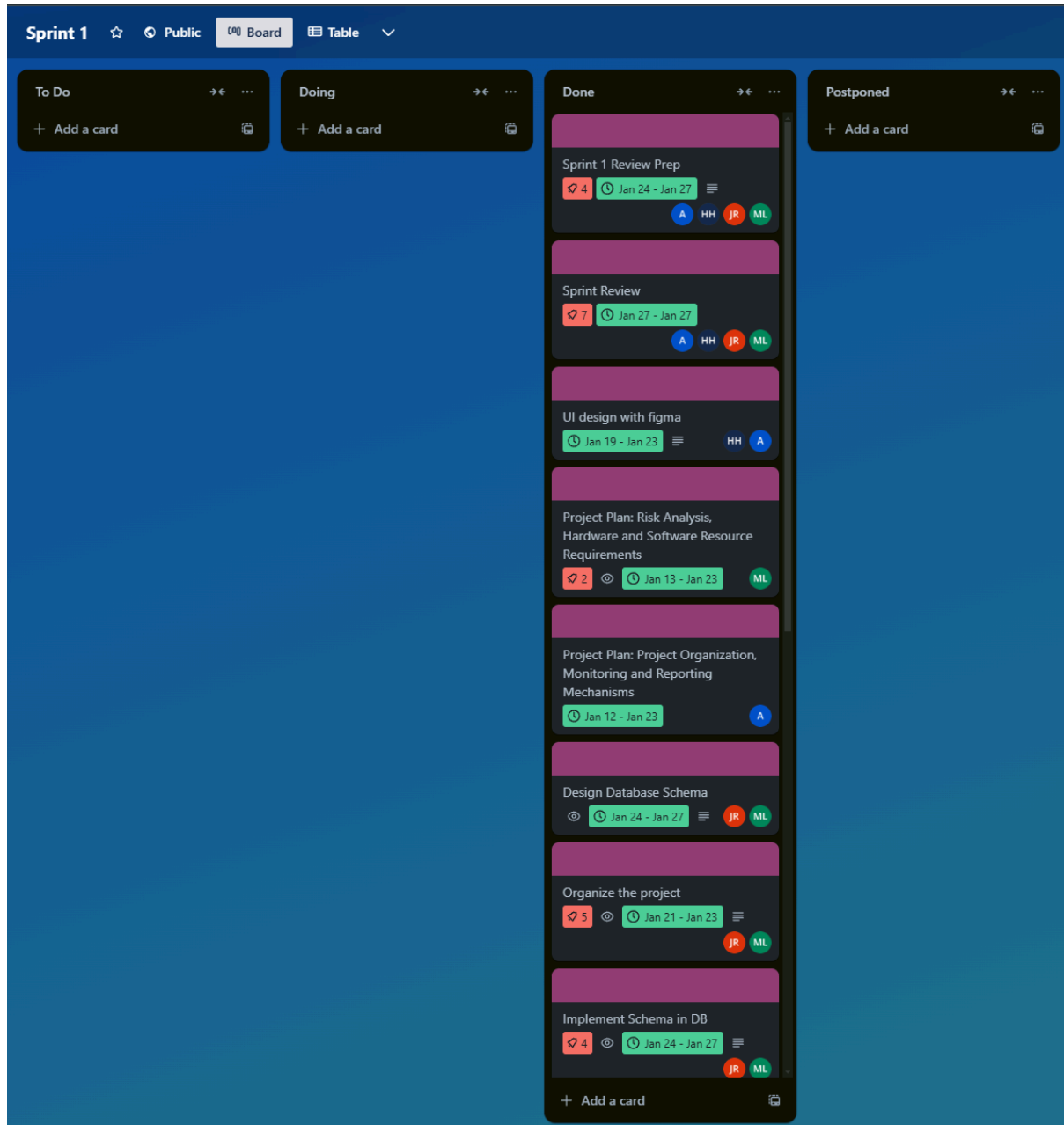


Image 2. Sprint 1 Backlog.

The sprint 1 Trello board in **image 2.** contains 15 fully completed tasks. No tasks were uncompleted, left in progress, or postponed.

Time spent by each team member:

Ohjelmistotuotantoprojekti 1					
	Sprint 1	Sprint 2	Sprint 3	Sprint 4	Total
Ade	10				10
Heta	14				14
Mika	14				14
Jonne	14				14

Image 3. This worksheet tracks sprint work hours for each team member.

Obstacles and Challenges Encountered:

The transfer from Javascript and MongoDB to Java and SQL, especially after a holiday break, was a challenge the team encountered. The challenge was resolved by reviewing Java and SQL material and doing Java tasks during other courses.

This whole period is quite cumbersome and packed. It can be difficult to manage personal schedules, especially accounting the additional work other courses bring. Additionally, all the work causes pressure on team members, which can be hard to manage. To resolve this challenge, team members should distribute the workload evenly to avoid pressure and task buildups.

The team is relatively inexperienced in planning sprints and estimating how much time each task will take to complete. This can result in the schedule not matching the estimates, and in worst cases some tasks being left unfinished or postponed. To manage this, the upcoming sprints should not be overly packed to keep expectations reasonable and allow some flexibility.

Best,

Team 6

Scrum Master Heta