

[Project Breakdown 8 Weeks \(scroll down for schedule\)](#)

Sprint Schedule

Sprint	Start Date	End Date	Sprint Review Meeting
Sprint 1	13.01.2025	27.01.2025	27.01.2025
Sprint 2	27.01.2025	10.02.2025	10.02.2025
Sprint 3	10.02.2025	03.03.2025	03.03.2025
Sprint 4	03.03.2025	14.03.2025	14.03.2025

Sprint 1 (Weeks 1-2: Foundation)

Focus: Core setup, database design, and foundational user interface.

Tasks:

- 1. Project Ideation and Conceptualization (13.01.2025 to 15.01.2025)**
 - Define project vision and make key user stories and project goals.
 - **Assigned to:** Ade, Heta, Mika, and Jonne.
- 2. Organize the project (17.01.2025 to 21.01.2025)**
 - Organize the project using Trello for task management.
 - **Assigned to:** Mika and Jonne.
- 3. Setup Github repository (21.01.2025 to 23.01.2025)**
 - Create project structure with separate modules for UI, server-side, and backend.
 - **Assigned to:** Mika and Jonne.
- 4. Create a prototype (19.01.2025 to 23.01.2025)**
 - Design a UI prototype for mobile application with Figma
 - **Assigned to:** Ade and Heta.
- 5. Database Design (24.01.2025 to 27.01.2025):**
 - Design and create the database schema for:
 - Participants (name, session number, phone, email, profile picture).
 - Sessions (session ID, session code, status, timers).
 - Interests (participant preferences by number).
 - Matches (post-session pairings).
 - Chat logs (basic structure for contact exchange).

- Write SQL scripts for database initialization and sample data population.
- **Assigned to:** Mika and Jonne.

Sprint 2 (Weeks 3-4: CRUD and Integration)

Focus: Implementing core profile creation, interest selection, and session result display.

Tasks:

1. Participant Features (28.01.2025 to 04.02.2025):

- Develop a JavaFX form for participant profile creation (name, phone number, profile picture).
- Enable profile image upload or selection from predefined icons.
- Implement backend logic to store and retrieve participant profiles in the database.
- Allow participants to modify profile details in the profile view.
- Remove session number and email from profile creation as they are no longer required.
- **Assigned to:** Mika and Heta.

2. Interest Management (04.02.2025 to 08.02.2025):

- Develop an interest selection screen where participants choose interests at session start.
- Implement subsequent selection steps where users refine their preferences.
- Store and retrieve participant interests in the database.
- Display final selected interests before moving to the match results screen.
- **Assigned to:** Ade and Heta.

3. Match Result Display (04.02.2025 to 08.02.2025):

- Design a results screen that shows a participant's match based on predefined dummy data.
- Implement the logic to retrieve and display the dummy match data.
- **Assigned to:** Jonne and Mika.

4. UI Integration (08.02.2025 to 10.02.2025):

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

5. Testing (Ongoing throughout Sprint):

- Write JUnit tests for interest selection and profile CRUD operations.
- **Assigned to:** Mika.

Sprint 3 (Weeks 5-6: Advanced Features)

Focus: Match display refinement, UI/UX improvements, and admin history viewing.

Tasks:

- 1. Post-Session Features (10.02.2025 to 14.02.2025):**
 - Improve the graphical interface for match result display.
 - Ensure dummy match data is presented clearly and intuitively.
 - **Assigned to:** Jonne and Heta.
- 2. Admin Features (14.02.2025 to 16.02.2025):**
 - Develop an admin view to display user history and past match data.
 - **Assigned to:** Heta.
- 3. UI Enhancements (10.02.2025 to 20.02.2025):**
 - Improve the overall UI/UX design for better usability.
 - Integrate a help section with instructions on app usage.
 - **Assigned to:** Heta and Ade.
- 4. Final Features (20.02.2025 to 03.03.2025):**
 - Finalize the admin dashboard for reviewing past session data.
 - **Assigned to:** Ade and Jonne.
- 5. Testing and CI/CD (Ongoing throughout Sprint):**
 - Write JUnit tests for match result display logic.
 - Set up CI/CD pipelines for automated testing and deployment.
 - Coverage test (JaCoCo)
 - **Assigned to:** Mika.

Sprint 4 (Weeks 7-8: Final Features, Testing Final Presentation, and Submission)

Focus: System testing, and deployment readiness.

Tasks:

- 1. Extensive Testing (03.03.2025 to 7.03.2025):**
 - Perform integration testing to ensure all features work seamlessly.
 - Write additional JUnit tests for edge cases.
 - **Assigned to:** Ade and Heta.
- 2. Containers and Deployment (03.03.2025 to 14.03.2025):**
 - Containerize the application using Docker for portability and easy deployment.
 - Test the deployment process in staging and production environments.
 - **Assigned to:** Jonne and Mika.
- 3. Presentation Preparation (07.03.2025 to 14.03.2025):**

- Create a comprehensive presentation showcasing all features.
 - Demonstrate how automation simplifies speed dating events.
 - **Assigned to:** Ade and Heta.
4. **Project Wrap-Up (10.03.2025 to 14.03.2025):**
- Submit complete documentation, including database schema, feature descriptions, and testing reports.
 - **Assigned to:** Ade, Heta, Mika, and Jonne.
5. **Documentation (Ongoing throughout Sprint):**
- Write user guides, system design documentation.
 - **Assigned to:** Ade, Heta, Mika, and Jonne.