

## **Sprint 6 Planning: Code Review, Clean-Up and Acceptance Testing**

### **Sprint and Product Backlog Update (01.04.2025 to 02.04.2025)**

- Review and update the product backlog to include code review, clean-up, and acceptance testing tasks.
- Add relevant user stories and tasks for sprint 6, with estimated effort and dependencies.
- **Assigned to:** Jonne and Mika

### **Statistical Code Review (03.04.2025 to 06.04.2025)**

- Use static analysis tools (Checkstyle, PMD, SpotBugs) to evaluate the codebase.
- Analyze and document key metrics: code complexity, duplication, line count, and unreachable blocks.
- Compile a Code Review Report with findings and screenshots.
- **Assigned to:** Heta and Mika

### **Code Clean-Up and Refactoring (06.04.2025 to 10.04.2025)**

- Refactor identified problematic areas: reduce complexity, eliminate redundancy, and clean variable names.
- Ensure formatting consistency using linting tools.
- Run unit tests after changes to verify functionality remains intact.
- **Assigned to:** Jonne and Ade

### **Acceptance Test Planning (05.04.2025 to 11.04.2025)**

- Define formal acceptance criteria based on project requirements.
- Design acceptance test cases to validate functionality, usability, and performance.
- Create a written Acceptance Test Plan report.
- **Assigned to:** Heta and Ade

### **Documentation and Reporting (12.04.2025 to 14.04.2025)**

- Finalize and polish the Code Review Report and Acceptance Test Plan.
- Ensure proper project documentation, including inline code comments.
- Prepare GitHub repository for submission (final commit with passing tests).
- **Assigned to:** Mika and Jonne

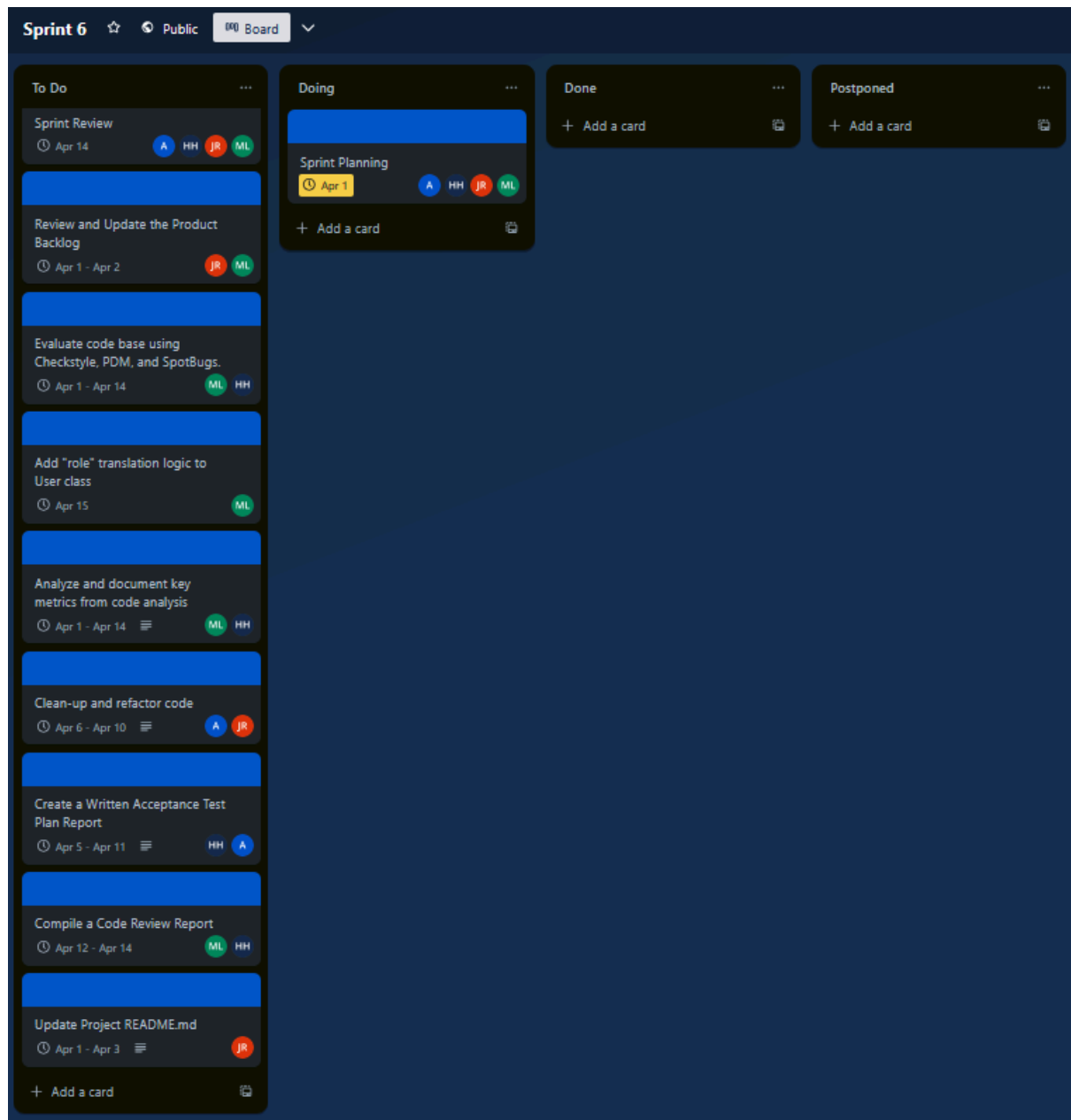
### **Sprint Review and Retrospective (15.04.2025)**

- Review completed tasks, assess team performance, and identify sprint challenges.
- Document lessons learned and propose improvements for future projects.
- **Assigned to:** Ade, Heta, Mika, and Jonne

**Sprint 6 scrum master:** Mika Laakkonen

**Updated Product Backlog:** <https://trello.com/b/yD4DRsqo/product-backlog>

**Sprint 6 Trello Board:** <https://trello.com/b/gbxjJ7li/sprint-6>



**Image 1.** Sprint 6 backlog.

Planned tasks for the Sprint 6 are also shown in **image 1**.