Group 1 – Sprint 6 Review Report

(Victoria Vavulina, Riku Toivanen, Monami Kirjavainen)

What has been done in this Sprint:

- Extended localization support to the database layer.
- Added static code analysis tool (SonarCloude/SonarScanner) to detect code quality issues.
- Cleaned and improved overall code quality and maintainability based on analysis results.
- Prepared for project acceptance by planning and defining acceptance tests.
- Added system design artifacts to the documents/diagrams folder.

Highlights:

- Localization was extended so the system now handles the user's preferred language from the database.
- Integrated pipeline for static analysis tool SonarCloud in GitHub Actions.
- Overall cleaner code.
- Defining acceptance tests.
- Created ER diagram, User Case diagram and Activity diagram.

User stories that were covered in Sprint 6:

1. User story: As a user I want to read dates on the page in my native format.
2. User story: As a user I want to read the text on the page in my own language.

Features that were covered in Sprint 6:

1. User's preferred language is now stored in the database.

User stories postponed for Sprint 7:

None

Features postponed for Sprint 7:

None

Tasks postponed for Sprint 7:

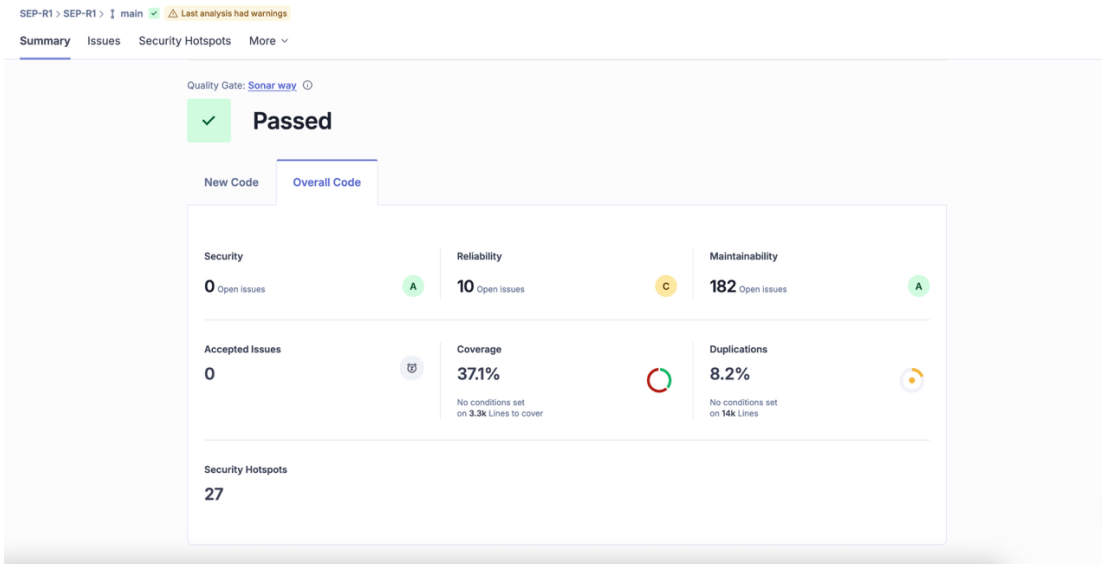
1. Task: Architecture Design Documentation: Update system design artifacts, including ER Diagrams and UML models.
2. Task: Translated text validation russian.
3. Task: Translated text validation japanese.

Sprint Success Measurement

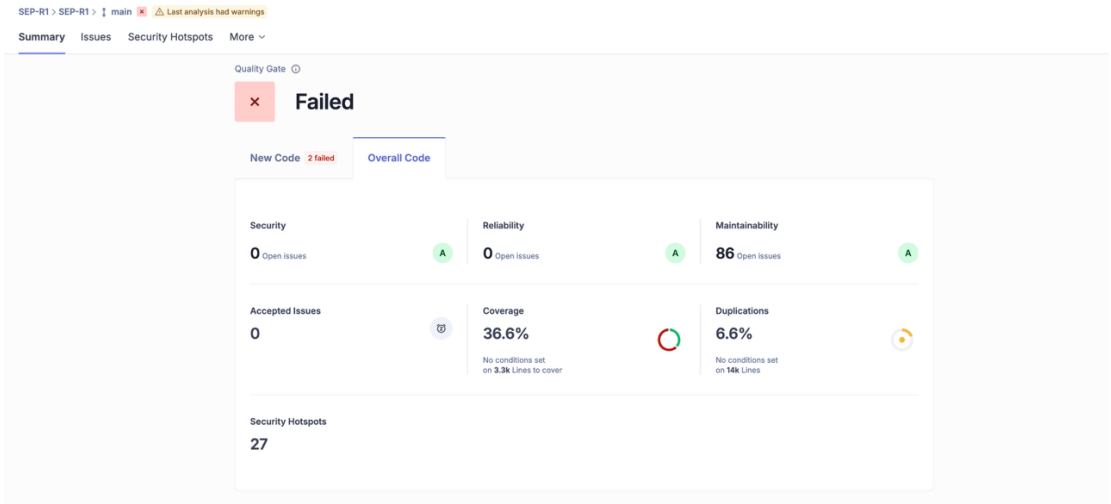
- **Obstacle Identification:**
    - Sonar Scanner started, but SonarQube did not accept or finish the scan.

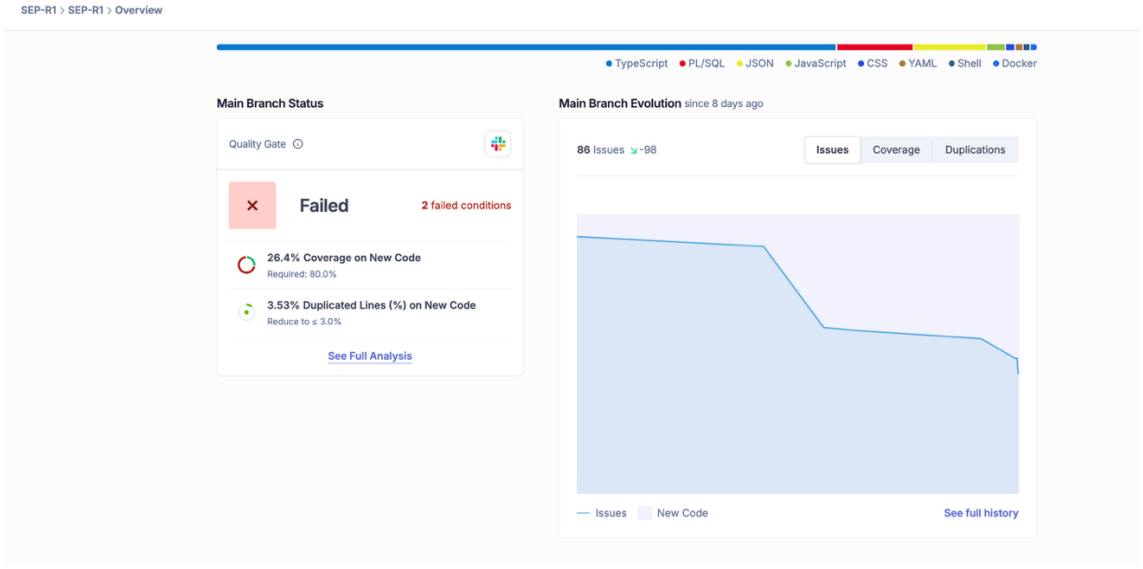
- **Code Cleaning:** During this sprint, we focused on improving code quality using **SonarCloud/SonarScanner** and **ESLint.** The team reviewed the issues shown in SonarCloud, ESLint and fixed several problems such as unused code, formatting issues, duplicated logic, and missing types.

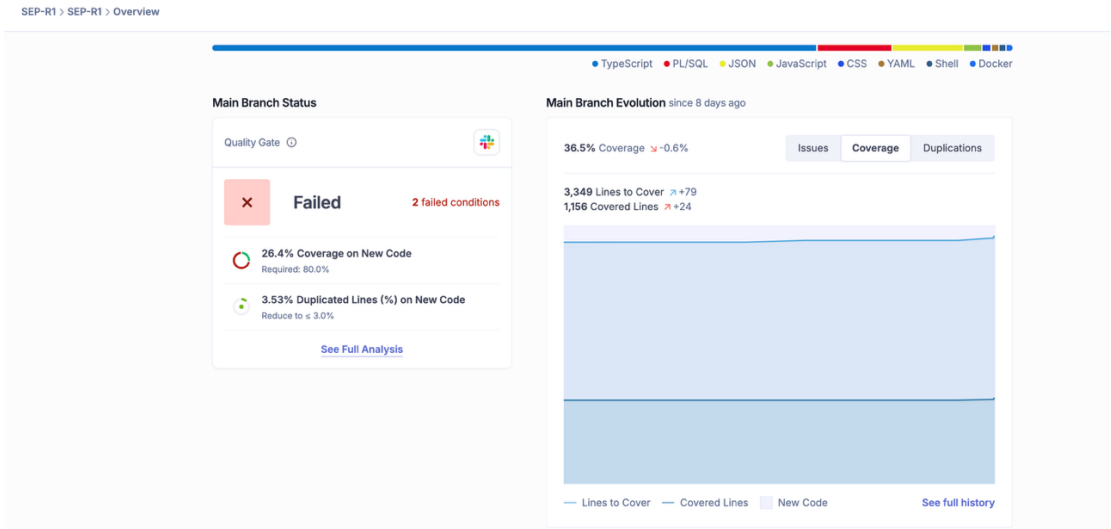
SonarCloud starting point:

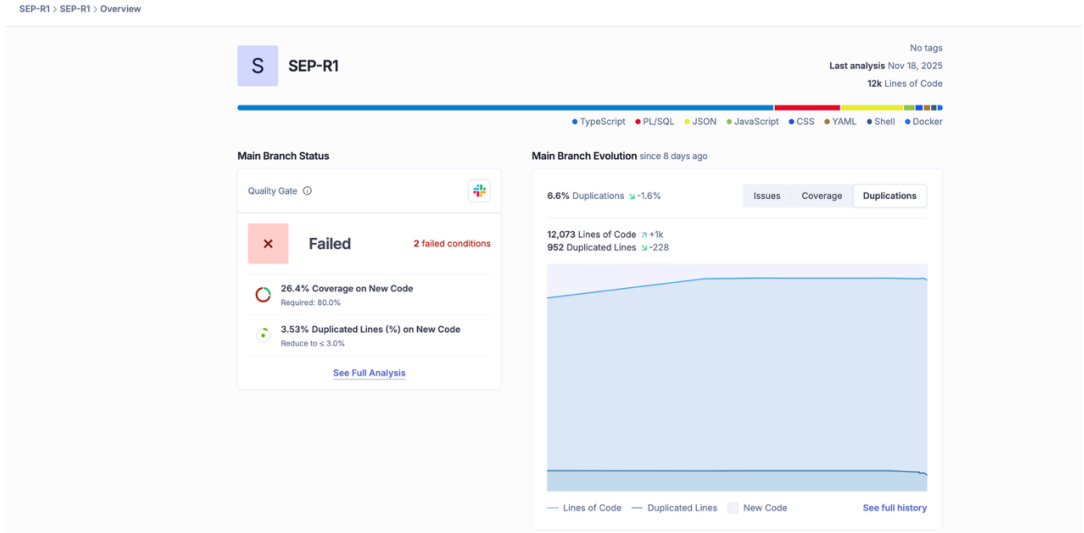


SonarCloud results after code cleaning:

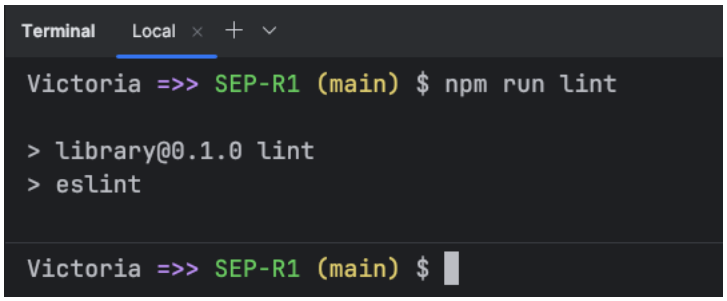



SEP-R1 > SEP-R1 > Overview
TypeScript PL/SQL JSON JavaScript CSS YAML Shell Docker
Main Branch Status
Quality Gate
Failed
2 failed conditions
26.4% Coverage on New Code
Required: 80.0%
3.53% Duplicated Lines (%) on New Code
Reduce to ≤ 3.0%
See Full Analysis
Main Branch Evolution since 8 days ago
86 Issues -98
Issues
Coverage
Duplications
Issues
New Code
See full history

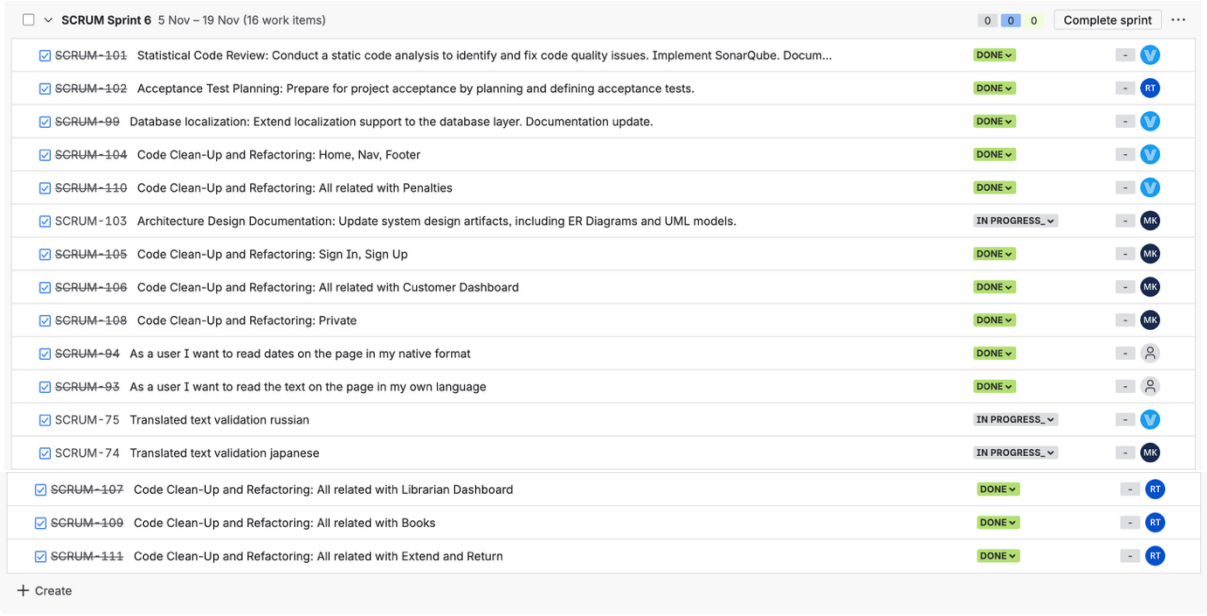

SEP-R1 > SEP-R1 > Overview
TypeScript PL/SQL JSON JavaScript CSS YAML Shell Docker
Main Branch Status
Quality Gate
Failed
2 failed conditions
26.4% Coverage on New Code
Required: 80.0%
3.53% Duplicated Lines (%) on New Code
Reduce to ≤ 3.0%
See Full Analysis
Main Branch Evolution since 8 days ago
36.5% Coverage -0.6%
Issues
Coverage
Duplications
3,349 Lines to Cover +79
1,156 Covered Lines +24
Lines to Cover
Covered Lines
New Code
See full history


SEP-R1 > SEP-R1 > Overview
S
SEP-R1
No tags
Last analysis Nov 18, 2025
12k Lines of Code
TypeScript PL/SQL JSON JavaScript CSS YAML Shell Docker
Main Branch Status
Quality Gate
Failed
2 failed conditions
26.4% Coverage on New Code
Required: 80.0%
3.53% Duplicated Lines (%) on New Code
Reduce to ≤ 3.0%
See Full Analysis
Main Branch Evolution since 8 days ago
6.6% Duplications -1.6%
Issues
Coverage
Duplications
12,073 Lines of Code +1k
952 Duplicated Lines -228
Lines of Code
Duplicated Lines
New Code
See full history

ESLint results (no errors, no warnings):



- **Task Completion:** Ensure all Jira board tasks are categorized correctly (To Do, In Progress, Done)
- **Sprint Backlog Status:** Monitor progress of planned user stories (Completed user stories, In-progress user stories, Postponed user stories)



Team Member Name	Assigned Tasks	Time Spent (hrs)
Victoria	Extend DB layer localization, testing functionlity, fixing project versions incompatibilities	11
Victoria	Creating and testing pipeline in GitHub Actions for SonarCloud	3
Victoria	Code cleaning for Readability, made run_sonar.sh scipt, testing functionality, DB layer documentation	3,5
Victoria	Code cleaning for Readability, Home, Navbar, Footer, Penalties, Middleware, Carousel	2
Victoria	SonarQube/SonarCloud documentation	1
Victoria	Testing page functionality, Fix customer page default db language	0,5
Monami	Create database diagram and its documentation	1,5
Monami	Create use case diagram	2
Monami	Create activity diagram	3,5
Monami	Create Sequence diagram	3
Monami	Code cleaning for customer dashboard related files	2
Monami	Code cleaning for signIn and sighup related files	1,5
Monami	Code cleaning for private and notification files	0,5
Riku	Writing acceptance test plan	1,00
Riku	Code cleaning for book related code	2,50
Riku	Code cleaning for librarian dashboard	1,00
Riku	Code cleaning for extend and return	0,50

Links:

Project Jira https://rikukaartoaho-1755679798806.atlassian.net/jira/software/projects/SCRUM/boards/1/backlog

Project Plan https://github.com/vickneee/SEP-R1/blob/main/documents/SEP1-ProjectPlan-Ryhmä1.pdf

Project Vision

https://github.com/vickneee/SEP-R1/blob/main/documents/SEP1-ProjectVision-Ryhmä1.pdf

Figma UI Prototyping

https://www.figma.com/design/pzKWLdwl0qDaUedtmmVdAp/LibrarySystem-Design?nodeid=0-1&p=f&m=draw

Project repository https://github.com/vickneee/SEP-R1

Project SonarCloud https://sonarcloud.io/summary/overall?id=vickneee_SEP-R1&branch=main