Team 5 - Sprint 6 review report
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What has been done in this Sprint:

- Code Analysis done using CheckStyle
- 1597 out of 1622 of issues resolved (98% completion)
- Tested project using SonarQube
- A result (A in Security, Reliability, Maintainability)
- README file updated
- Code review report created which summarises key findings, code quality issues, and actionable suggestions.
- .env file removed from repository, following good coding practices

Highlights:

- SonarQube - A result
- 1597 issues resolved after CheckStyle test (98%)
- Header component separated

User stories that were covered in Sprint 6:
Total 10

1. As a developer, I want to run static code analysis tools on our codebase so that I can detect code violations, performance issues, and readability problems.
2. As a team member, I want to analyze key code metrics so that we can identify complexity, redundancy, and potential code quality issues.
3. As a team, we want to enforce consistent formatting and styling across the project so that our code adheres to Java standards.
4. As a developer, I want to refactor complex and redundant parts of the code so that the code becomes more maintainable and readable.
5. As a developer, I want to add code comments and update Documentation, so that other developers and users can better understand how the application works.
6. As a developer, I want to verify the functionality after refactoring so that I can ensure no bugs were introduced.
7. As a team, we want to create a code review report so that we can summarize and communicate our findings with actionable suggestions.
8. As a team, we want to define acceptance criteria based on project requirements so that we can validate whether the project is ready for delivery.
9. As a team, we want to design acceptance tests that evaluate the project against all criteria so that we can confidently assess project readiness.

10. As a team, we want to create a formal acceptance test plan so that we are prepared to validate the system with users or stakeholders.

Links:

Jira Board:
https://lukulibrary.atlassian.net/jira/software/projects/SCRUM/boards/1?atlOrigin=eyJpIjoiZTExYjUxNzA3NWZhNDBhZmIwNGU4NGU2YmYzZTVmYzYiLCJwIjoiaiJ9

Project Plan:
https://docs.google.com/document/d/1cBcAMCsVLn4YdTJM0GVeyacR28mT-nDtQAtnz6zaK-U/edit?tab=t.0#heading=h.i5rl37uape1q

Product Vision:
https://docs.google.com/document/d/1Qx3SjP0i-4q8esQI8oSoVJ3i1KyWueDi_WeF6HdgCjw/edit?tab=t.0

Figma UI Blueprint/Prototype:
https://www.figma.com/design/X7R1B4GjCMiose5WzugAeH/Luku-Library?node-id=0-1&t=9U1t0CaPzW5wkWEX-1

Project repository:
https://github.com/S-Vilka/Luku

Time tracking:
https://docs.google.com/spreadsheets/d/1eZd5gefDUNXUTLmKXAKxe8vcABDskQgsFFfQB-iQHcw/edit?usp=sharing

Presentation link:
https://www.canva.com/design/DAGhWRnvLmQ/TTQgLQ7BDjqI62ErNNNODQ/edit?utm_content=DAGhWRnvLmQ&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton