

Code Review Report Sprint 6

Spot-Bugs, PMD

Clean up summary of the cleanup pull-request, done by sourcery-ai.

samuelms123 commented [now](#) • edited by sourcery-ai bot Owner ...

Summary by Sourcery

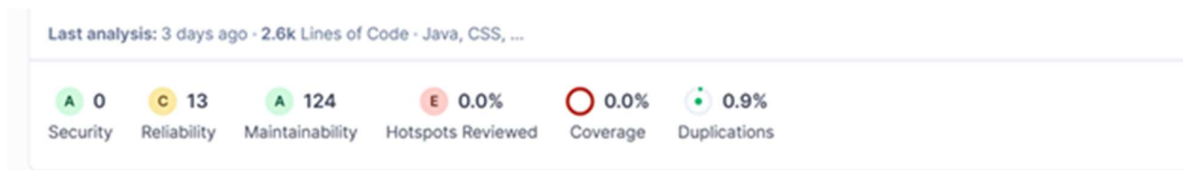
Refactor codebase to improve code quality by removing debug prints, enforcing proper logging and exception handling, standardizing naming conventions, and converting utility classes to final non-instantiable patterns

Enhancements:

- Remove debug `println`s and replace them with `java.util.logging` or exceptions for invalid cases
- Convert utility classes (`ImageUtils`, `Paths`, `MariaDbJpaConnection`) to `final` with `private` constructors and enforce null checks
- Introduce `java.util.logging` (and `SLF4J` where appropriate) in DAO classes, replacing `System.err` outputs
- Rename methods to follow `camelCase` conventions and simplify repeated `SessionManager` calls by caching user references
- Remove unused fields and dead code in controllers and services

Sonar-Scanner

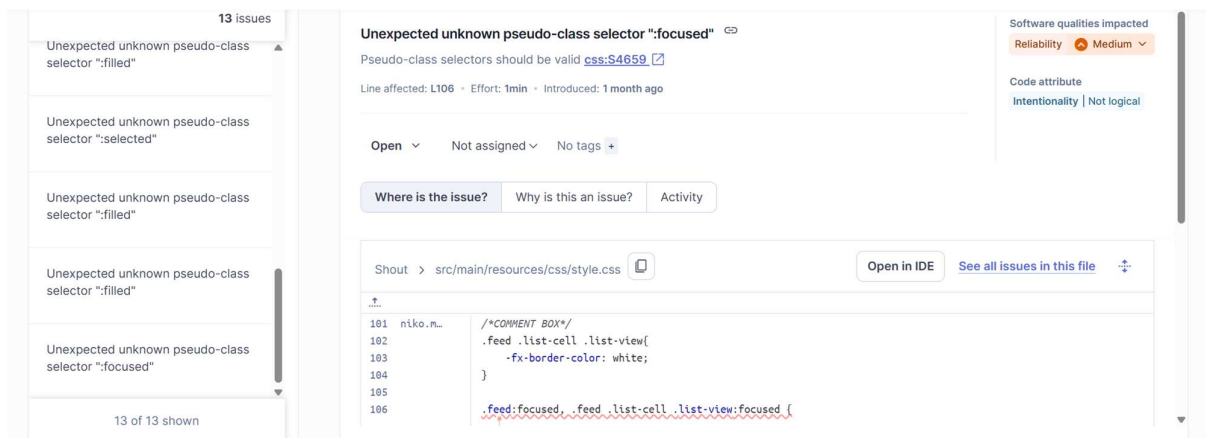
First sonar-scanner iteration:



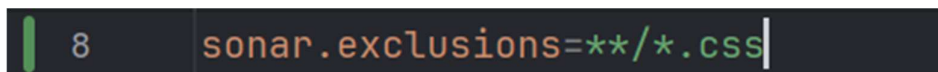
Replaced exceptions with proper logs with Logger.



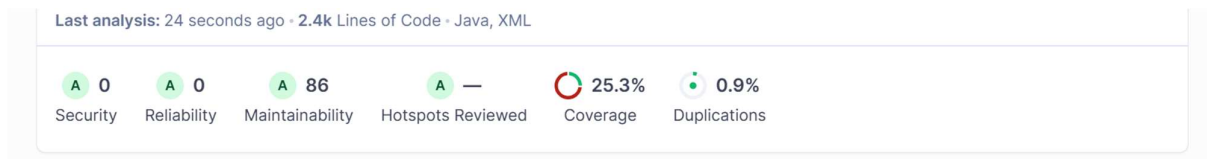
Sonar-Scanner only validates web-CSS, so it doesn't recognize JavaFX css pseudo-classes.



Issue solved by ignoring all .css files in **sonar-project.properties**



After some code cleanups:



- Fixed some tests which were messed up because of UI localization.
- Removed some code duplications.
- Added proper exception handling.
- Added JavaFX CSS exclusion to sonar-project.properties.
- Remove unused variables.
- Remove commented unused code blocks.
- Removed redundant variables before returns.
- Remove curly braces from 1-liners