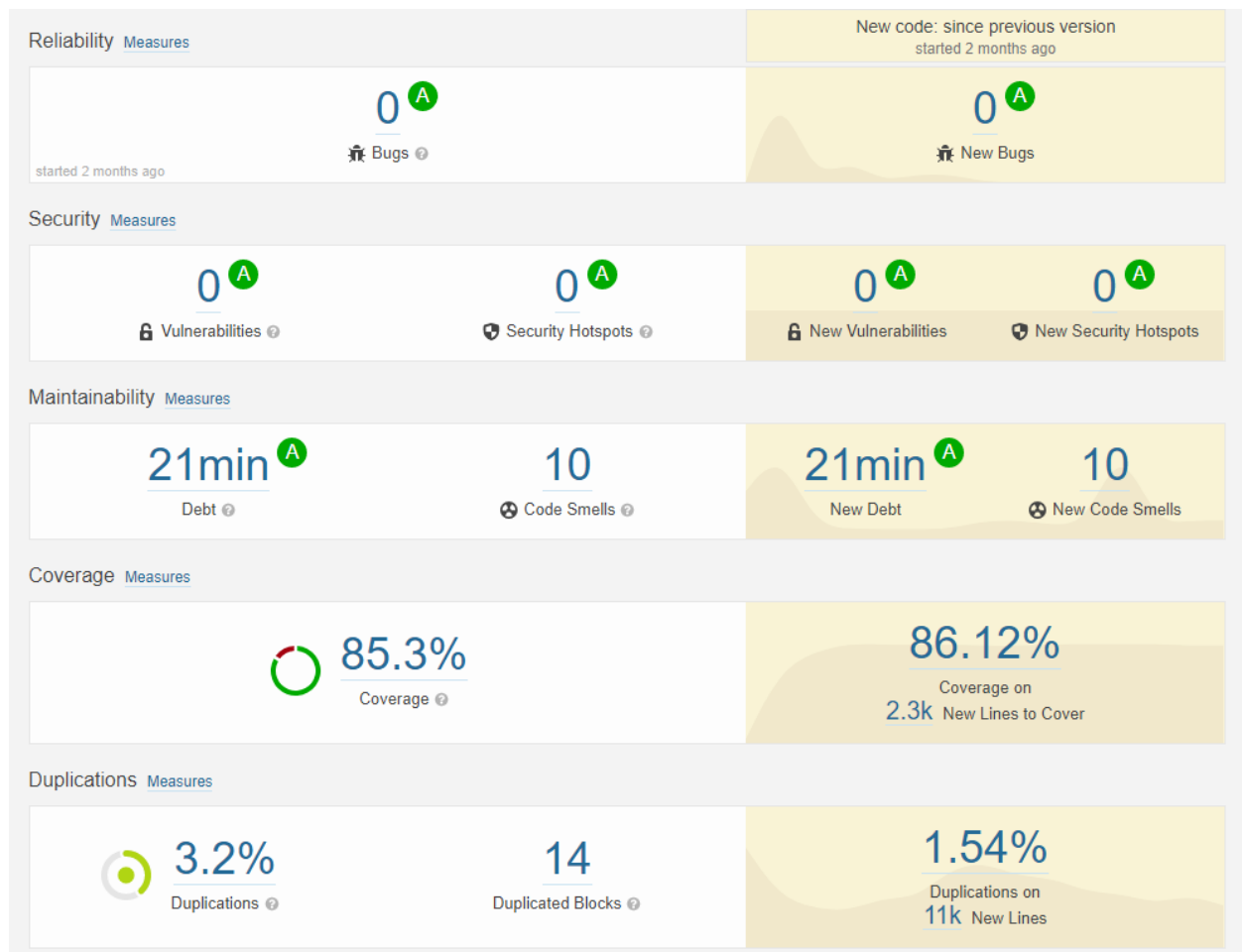**Team 1**

SOEN 390

Testing Report for

Downhill ERP System

Version 3.0

Submitted on

April 7th, 2021

Overall Project:

CLASS NAME	LINES OF CODE	BUGS	VULNERABILITIES	CODE SMELLS	SECURITIY HOTSPOTS	COVERAGE	DUPLICATIONS
SPRINT 3							
Soen390-team01	5983	0	0	10	1	85.3%	3.2%

Report from SonarCloud:

Breakdown for Controller classes.

CLASS NAME	LINES OF CODE	BUGS	VULNERABILITIES	CODE SMELLS	SECURITIY HOTSPOTS	COVERAGE	DUPLICATIONS
SPRINT 4							
AuthenticationController.cs	94	0	0	0	0	95.6%	0%
AssemblyController.cs	121	0	0	0	0	72.3%	0%
HomeController.cs	24	0	0	0	0	0%	0%
InventoryController.cs	8170	0	0	0	0	94.7%	0%
TransfersController.cs	112	0	0	0	0	82.4%	0%
ProductionController.cs	44	0	0	1	0	86.7%	0%
AccountingController.cs	91	0	0	1	0	65.7%	0%
UserManagementController.cs	85	0	0	0	0	96.8%	0%

Definitions:

Bugs: Coding error that will break the code and should be fixed immediately.

Vulnerabilities: Code that can be exploited by hackers

Code Smells: Code that is confusing and difficult to maintain.

Security Hotspots: Security-sensitive code that requires manual review to assess whether or not a vulnerability exists.

Coverage: The percentage of lines of code covered by tests.

Coverage	LINES TO COVER	UNCOVERED LINES	LINE COVERAGE	CONDITIONS TO COVER	UNCOVERED CONDITIONS	CONDITION COVERAGE
86.1%	2330	306	86.9%	242	51	78.9%

Duplications: Lines of code that are identical.

Overall Coverage:

Analysis: We were satisfied with our code coverage from Sprint 3 and were very focused on keeping the code quality at the same level. We continued to enforce the rule that no pull request would be approved unless it had at least 80% code coverage, this resulted in our overall code coverage staying on par with that of the previous sprint. Additionally, all bugs in controller classes were resolved before being merged, therefore we have no bugs or code smells in these classes.

For further details, visit the following link to see our entire SonarCloud report:
https://sonarcloud.io/dashboard?id=soen390-team01