

**Team 1**  
**SOEN 390**

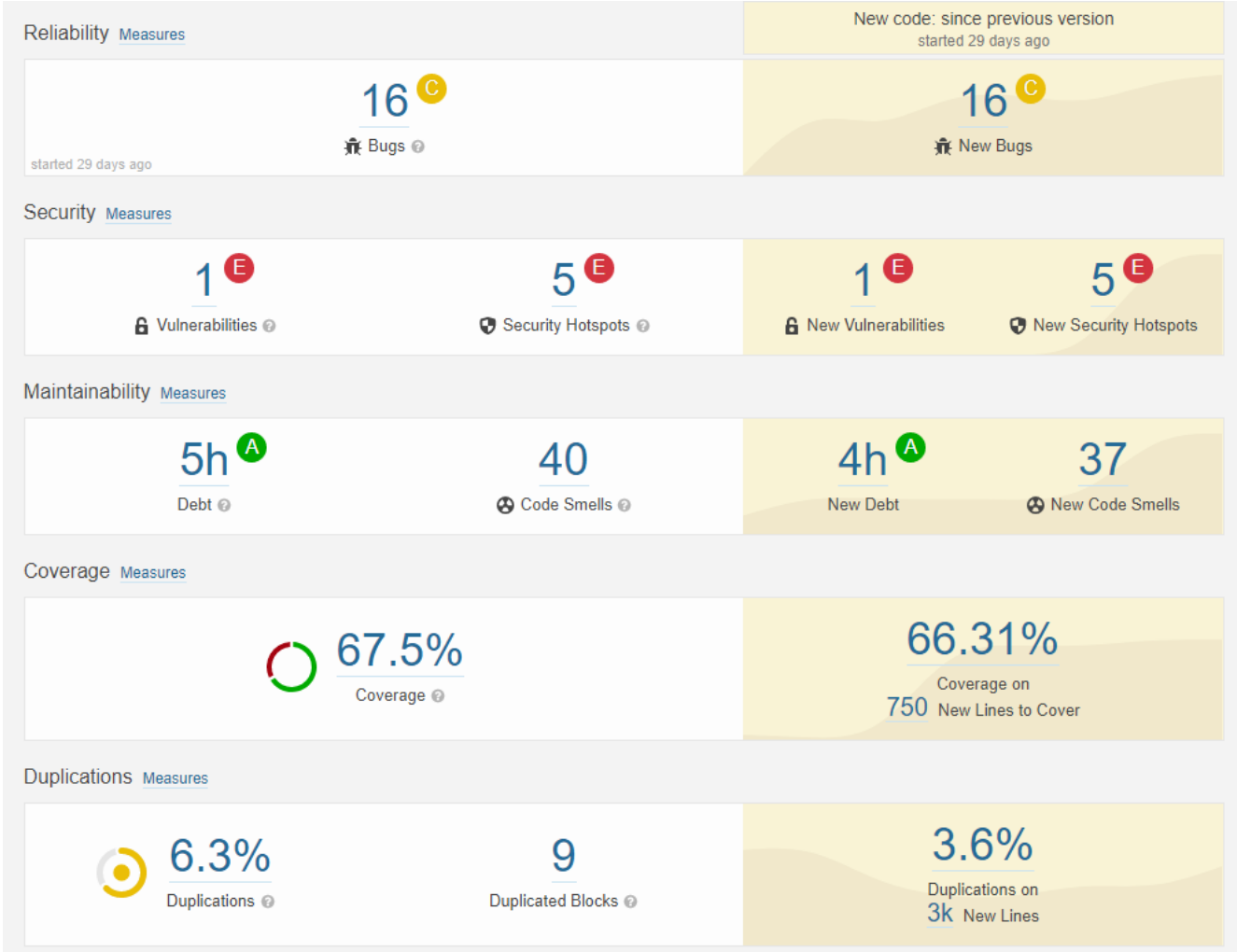
**Testing Report for**  
**Downhill ERP System**  
**Version 1**

**Submitted on**  
**February 24<sup>th</sup>, 2020**

CLASS NAME	LINES OF CODE	BUGS	VULNERABILITIES	CODE SMELLS	SECURITY HOTSPOTS	COVERAGE	DUPLICATIONS
SPRINT 2							
Soen390-team01	2234	16	1	40	5	67.5%	6.3%

Overall Project:

Report from SonarCloud:



Breakdown for Controller classes.

CLASS NAME	LINES OF CODE	BUGS	VULNERABILITIES	CODE SMELLS	SECURITY HOTSPOTS	COVERAGE	DUPLICATIONS
SPRINT 2							
AuthenticationController.cs	270	2	0	3	2	31.2%	0%
HomeController.cs	102	2	0	2	2	0%	0%
InventoryController.cs	56	0	0	1	0	84.8%	0%
TransfersController.cs	15	0	0	0	0	0%	0%
UserManagementController.cs	70	0	0	0	0	35.1%	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.

Duplications: Lines of code that are identical.

Coverage	LINES TO COVER	UNCOVERED LINES	LINE COVERAGE	CONDITIONS TO COVER	UNCOVERED CONDITIONS	CONDITION COVERAGE
67.5%	981	311	68.3%	90	37	58.9%

Overall Coverage:

Analysis: We realized that we have too many code smells and bugs, especially in some of the service classes. Most of these smells and bugs are very minor and can be easily resolved. This will be one of our focuses for sprint 3. We have also logged issues accordingly and assigned them to people to work on.

For further details, visit the following link to see our entire SonarCloud report:

<https://sonarcloud.io/dashboard?id=soen390-team01>