

After some modifications in the code and refactoring of code smells

The number of bugs reflected to the SonarQube and decreased from 994 to 989

The screenshot shows the SonarQube Overview page for a project named 'UniTime'. The top navigation bar includes links for Projects, Issues, Rules, Quality Profiles, Quality Gates, and Administration. A search bar is present on the right. The main content area is divided into two sections: 'QUALITY GATE STATUS' and 'MEASURES'.

**QUALITY GATE STATUS**

- Passed**: All conditions passed.

**MEASURES**

- New Code**: Since May 3, 2023, Started 11 days ago.
- Overall Code**

**Measures Summary**

Metric	Value	Quality
Bugs	989	Reliability (E)
Vulnerabilities	136	Security (E)
Security Hotspots	471	Security Review (E)

Additional metrics shown: 0.0% Reviewed.

The screenshot shows the SonarQube Issues page for the 'UniTime' project. The top navigation bar is the same as the Overview page. The main content area is divided into a left sidebar for filters and a main list of issues.

**Filters**

- My Issues**: All
- Clear All Filters**
- Issues in new code**
- Type**: BUG (989), Vulnerability (136), Code Smell (51k)
- Severity**: Blocker (36), Critical (22), Major (569), Minor (362), Info (0)
- Scope**
- Resolution**

**Issues List**

Issue	Severity	Age	Effort	Comment
A "NullPointerException" could be thrown; "e" is nullable here.	Major	15 years ago	L47	cert, cwe
A "NullPointerException" could be thrown; "className" is nullable here.	Major	12 years ago	L138	cert, cwe
A "NullPointerException" could be thrown; "type" is nullable here.	Major	12 years ago	L269	cert, cwe
A "NullPointerException" could be thrown; "name" is nullable here.	Major	12 years ago	L275	cert, cwe
A "NullPointerException" could be thrown; "type" is nullable here.	Major	12 years ago	L291	cert, cwe
A "NullPointerException" could be thrown; "name" is nullable here.	Major	12 years ago	L297	