

BDD Framework Analysis Report

Project: Team02_SeleniumNinjas

Overall Score: 59/100

Feature Files Analysis

Metric	Value
Count	20
Quality Score	66/100
Issues	<ul style="list-style-type: none">• Missing Feature description in 02_Home.feature• Consider using Background for common steps in 06_Logout.feature• Missing tags on 38 scenarios (Adding tags improves readability and filtering)• Missing 34% in Feature Files score due to:<ul style="list-style-type: none">• Missing scenario tags (-10 points): Add descriptive tags to all scenarios• Missing Background sections (-5 points): Use Background for common steps• Missing Feature descriptions (-5 points): Add clear Feature descriptions

Step Definitions Analysis

Metric	Value
Count	19
Quality Score	66/100
Issues	<ul style="list-style-type: none">• Too many step definitions in LoginPageSteps.java, consider refactoring

Framework Structure

Component	Status
Page Objects	N/A
Test Data	N/A

Config Files	N/A
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Selenium Implementation

Wait Strategy	0%
Explicit Waits	✗ Missing
Custom Wait Conditions	✗ Missing
Screenshot Capability	✗ Missing
WebDriver Management	✗ Missing
Actions Class Usage	✗ Missing
JavaScript Executor	✗ Missing

Browser Execution Analysis

Browser Compatibility	0%
Grid Support	Missing
Parallel Execution	Missing
Retry Mechanism	Missing

Test Coverage Analysis

Step definitions to features ratio: 0.95

Coverage Loss Details:

Missing 34% in Test Coverage due to:

- Feature files quality issues (-24%): Missing tags, examples, or proper descriptions
- Step definitions quality issues (-24%): Limited parameterization or too many steps in single files
- Low scenario quality (-35%): Feature scenarios lack proper structure or clarity

Recommendations

No specific recommendations at this time.

Team02 Project Analysis

Project Structure:

- Maven-based Selenium test automation project
- TestNG configuration present

- Organized in standard Maven directory layout

Implementation Details:

- Step definitions located in stepDefinitions folder
- Uses TestNG for test execution framework
- Selenium WebDriver implementation found