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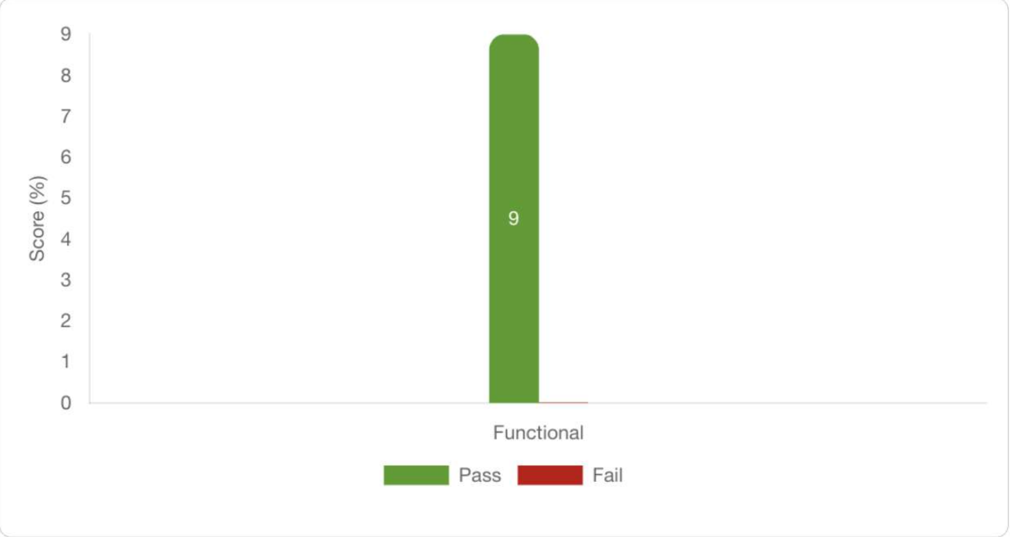
Test Role | ✉ 1605_33@g.com

Test Name: VM-Java-Shopping-PL2-Excel-Template-9TCs

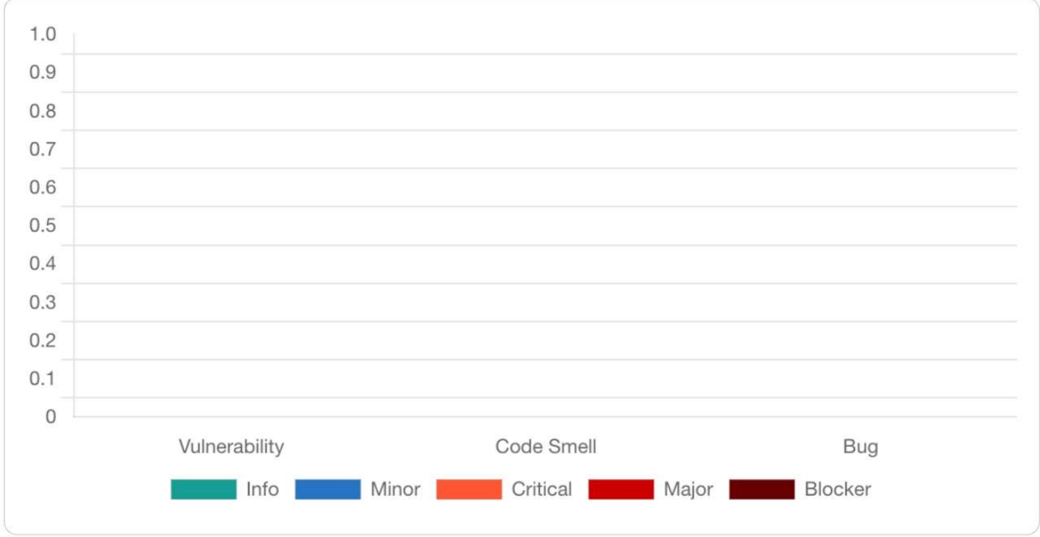
Status: Pass

Overall Status

Test Case Status



Test Case Analysis



Ratings

Reliability Rating	Security Rating	Maintainability Rating
A	A	A

Code Analysis

Duplicated Files	Code Smells	Duplicated Blocks	Bugs	Duplicated Lines	Vulnerabilities
0	0	0	0	0	0

Test Case Summary

Test Case Type	Name	Status
Functional	verifyNavigateTotTheShoppingCartpage	Passed
Functional	checkShopMenuIsPresent	Passed
Functional	clickOnShopMenuAndValidateTheTitle	Passed
Functional	clickOnLogoAndVerifyItIsNavigateToTheHomePage	Passed
Functional	checkIfHomePageHasASectionOfNewArrivals	Passed
Functional	checkArrivalsSectionHasExactly3ProductsEnlisted	Passed
Functional	clickOnSeleniumRubyProductAndValidateTheTitleOfThisPage	Passed
Functional	verifyAddBasketButtonIsPresentAndClickOnAddBasket	Passed
Functional	viewBasketButtonIsPresentAndClickOnIt	Passed

Issues with the code

File Name	Issue	Type	Line no	Severity

Issue Types

Issue Type	Description
Bug	A coding mistake that can lead to an error or unexpected behavior at runtime
Vulnerability	A point in your code that's open to attack
Code Smell	A maintainability issue that makes your code confusing and difficult to maintain

Issue Severity

Severity Type	Description
BLOCKER	Bug with a high probability to impact the behavior of the application in production: memory leak, unclosed JDBC connection, ...The code MUST be fixed immediately.
CRITICAL	Either a bug with a low probability to impact the behavior of the application in production or an issue which represents a security flaw: empty catch block, SQL injection, ...The code MUST be immediately reviewed.
MAJOR	Quality flaw which can highly impact the developer productivity: uncovered piece of code, duplicated blocks, unused parameters, ...
MINOR	Quality flaw which can slightly impact the developer productivity: lines should not be too long. "switch" statements should have at least 3 cases, ...
INFO	Neither a bug nor a quality flaw, Just a finding.

Maintainability Rating

Rating given to your project related to the value of your Technical Debt Ratio (Technical Debt is the measure of effort required to fix all Code Smells and the ratio between cost to develop the software and the cost to fix it is Technical Debt Ratio).

The Default Maintainability Rating grid is: A=0-0.5, B=0.06-0.1, C=0.11-0.20, D=0.21-0.5, E=0.51-1 The Maintainability Rating scale can be alternately stated by saying that if the outstanding remediation cost is:

Maintainability Rating	Percentage
A	5% of the time that has already gone into the application
B	between 6 to 10%
C	between 11 to 20%
D	between 21 to 50%
E	anything over 50%

Security Rating

Security Rating is based on the number of vulnerabilities detected

Security Rating	Description
A	0 Vulnerabilities
B	at least 1 Minor Vulnerability
C	at least 1 Major Vulnerability
D	at least 1 Critical Vulnerability
E	at least 1 Blocker Vulnerability

Reliability Rating

Reliability Rating is based on the number of bugs detected

Security Rating	Description
A	0 Bugs
B	at least 1 Minor Bug
C	at least 1 Major Bug
D	at least 1 Critical Bug
E	at least 1 Blocker Bug

Duplicated Blocks

Number of duplicated blocks of lines

For a block of code to be considered as duplicated:

Non-Java Projects:

There should be at least 100 successive and duplicated tokens
Those tokens should be spread at least on:
30 lines of code for COBOL
20 lines of code for ABAP
10 lines of code for other languages
Java Projects:

There should be at least 10 successive and duplicated statements whatever the number of tokens and lines. Differences in indentation and in string literals are ignored while detecting duplications.

Duplicated Files

Number of files involved in duplications.

Comment Lines

Number of lines containing either comment or commented-out code.

Non-significant comment lines(empty comment lines, comment lines containing only special characters, etc) do not increase the number of comment Llines.

Example: The following piece of code contains 9 comment lines: