

Test Name: VM-Java-Health App_Radiology Automation-PL2-Selenium_Excel_9TCS						
Status: Pass						
Overall Status						
Test Case Status		Test Case Analysis				
Ratings						
Maintainability Rating		Reliability Rating			Security Rating	
A		D			A	
Code Analysis						
Code Smells	Duplicated Files	Duplicated Lines	Vulnerabilities	Bugs	Duplicated Blocks	Comment Lines
75	8	490	0	15	8	57
Test Case Summary						
Test Case Type	Name					Status
Functional	verifyRadiologyPageTitle					Passed
Functional	verifyRadiologySubModules					Passed
Functional	verifyListRequestsComponents					Passed
Functional	verifySelectedTabsActiveOrNot					Passed
Functional	verifyNextButtonsDisplayed					Passed
Functional	verifyToDataRangeBySelectOneWeekOptionFromDropdown					Passed
Functional	verifyDataFromTableByEnteringDataXRAYInSearchField					Passed
Functional	verifyRadiologyWardBillingCancellationPopUp					Passed
Functional	verifyDatesAreRemembered					Passed
Issues with the code						
File Name	Issue				Type	Line no
						Severity
mfanithya8147@gmailco...20250811T090940z						78
940zzkqh/src/main/java/com/yaksha/trainin						
940zzkqh/pom.xml						Major
mfanithya8147@gmailco...20250811T090940z						44
940zzkqh/src/main/java/com/yaksha/trainin						
ng/events/controller/EventController.java						Critical
mfanithya8147@gmailco...20250811T090940z						45
940zzkqh/src/main/java/com/yaksha/trainin						
ng/events/controller/EventController.java						Critical
mfanithya8147@gmailco...20250811T090940z						3
940zzkqh/src/main/webapp/WEB-INF/views/add-event-form.jsp						
mfanithya8147@gmailco...20250811T090940z						4
940zzkqh/src/main/webapp/WEB-INF/views/list-events.jsp						
mfanithya8147@gmailco...20250811T090940z						4
940zzkqh/src/main/webapp/WEB-INF/views/past-events.jsp						
mfanithya8147@gmailco...20250811T090940z						3
940zzkqh/src/main/webapp/WEB-INF/views/update-event-form.jsp						
mfanithya8147@gmailco...20250811T090940z						33
940zzkqh/src/main/webapp/WEB-INF/events/boundary/BoundaryTest.java						
mfanithya8147@gmailco...20250811T090940z						46
940zzkqh/src/main/java/com/yaksha/trainin						
g/events/boundary/BoundaryTest.java						Minor
mfanithya8147@gmailco...20250811T090940z						54
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/boundary/BoundaryTest.java						Minor
mfanithya8147@gmailco...20250811T090940z						62
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/boundary/BoundaryTest.java						Minor
mfanithya8147@gmailco...20250811T090940z						70
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/boundary/BoundaryTest.java						Minor
mfanithya8147@gmailco...20250811T090940z						79
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/boundary/BoundaryTest.java						Minor
mfanithya8147@gmailco...20250811T090940z						87
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/boundary/BoundaryTest.java						Minor
mfanithya8147@gmailco...20250811T090940z						95
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/boundary/BoundaryTest.java						Minor
mfanithya8147@gmailco...20250811T090940z						103
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/boundary/BoundaryTest.java						Minor
mfanithya8147@gmailco...20250811T090940z						111
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/boundary/BoundaryTest.java						Minor
mfanithya8147@gmailco...20250811T090940z						119
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/boundary/BoundaryTest.java						Minor
mfanithya8147@gmailco...20250811T090940z						128
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/boundary/BoundaryTest.java						Minor
mfanithya8147@gmailco...20250811T090940z						136
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/boundary/BoundaryTest.java						Minor
mfanithya8147@gmailco...20250811T090940z						50
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/exception/EventExceptionTest.java						Critical
mfanithya8147@gmailco...20250811T090940z						51
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/exception/EventExceptionTest.java						Critical
mfanithya8147@gmailco...20250811T090940z						54
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/exception/EventExceptionTest.java						Critical
mfanithya8147@gmailco...20250811T090940z						106
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/exception/EventExceptionTest.java						Critical
mfanithya8147@gmailco...20250811T090940z						68
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/functional/EventControllerTest.java						Critical
mfanithya8147@gmailco...20250811T090940z						70
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/functional/EventControllerTest.java						Critical
mfanithya8147@gmailco...20250811T090940z						71
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/functional/EventControllerTest.java						Critical
mfanithya8147@gmailco...20250811T090940z						104
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/functional/EventControllerTest.java						Critical
mfanithya8147@gmailco...20250811T090940z						104
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/functional/EventControllerTest.java						Critical
mfanithya8147@gmailco...20250811T090940z						59
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/service/EventServiceTest.java						Critical
mfanithya8147@gmailco...20250811T090940z						85
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/service/EventServiceTest.java						Major
mfanithya8147@gmailco...20250811T090940z						88
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/service/EventServiceTest.java						Minor
mfanithya8147@gmailco...20250811T090940z						13
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/MasterData.java						Major
mfanithya8147@gmailco...20250811T090940z						15
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/MasterData.java						Major
mfanithya8147@gmailco...20250811T090940z						59
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/MasterData.java						Critical
mfanithya8147@gmailco...20250811T090940z						62
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/MasterData.java						Minor
mfanithya8147@gmailco...20250811T090940z						69
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/MasterData.java						Critical
mfanithya8147@gmailco...20250811T090940z						74
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/MasterData.java						Critical
mfanithya8147@gmailco...20250811T090940z						79
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/MasterData.java						Critical
mfanithya8147@gmailco...20250811T090940z						88
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/MasterData.java						Minor
mfanithya8147@gmailco...20250811T090940z						92
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/MasterData.java						Major
mfanithya8147@gmailco...20250811T090940z						23
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Major
mfanithya8147@gmailco...20250811T090940z						31
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Minor
mfanithya8147@gmailco...20250811T090940z						31
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Minor
mfanithya8147@gmailco...20250811T090940z						33
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Minor
mfanithya8147@gmailco...20250811T090940z						34
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Minor
mfanithya8147@gmailco...20250811T090940z						34
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Minor
mfanithya8147@gmailco...20250811T090940z						35
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Minor
mfanithya8147@gmailco...20250811T090940z						35
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Minor
mfanithya8147@gmailco...20250811T090940z						37
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Minor
mfanithya8147@gmailco...20250811T090940z						37
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Minor
mfanithya8147@gmailco...20250811T090940z						38
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Minor
mfanithya8147@gmailco...20250811T090940z						38
940zzkqh/target/springboot-events-service-0.0.1-SNAPSHOT/WEB-INF/views/add-event-form.jsp						
mfanithya8147@gmailco...20250811T090940z						39
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Minor
mfanithya8147@gmailco...20250811T090940z						39
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Minor
mfanithya8147@gmailco...20250811T090940z						40
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Minor
mfanithya8147@gmailco...20250811T090940z						40
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Minor
mfanithya8147@gmailco...20250811T090940z						43
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Minor
mfanithya8147@gmailco...20250811T090940z						43
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Minor
mfanithya8147@gmailco...20250811T090940z						54
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Major
mfanithya8147@gmailco...20250811T090940z						54
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Minor
mfanithya8147@gmailco...20250811T090940z						57
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Major
mfanithya8147@gmailco...20250811T090940z						57
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Minor
mfanithya8147@gmailco...20250811T090940z						60
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Major
mfanithya8147@gmailco...20250811T090940z						60
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Minor
mfanithya8147@gmailco...20250811T090940z						70
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Major
mfanithya8147@gmailco...20250811T090940z						78
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Minor
mfanithya8147@gmailco...20250811T090940z						83
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Major
mfanithya8147@gmailco...20250811T090940z						102
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Major
mfanithya8147@gmailco...20250811T090940z						106
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Minor
mfanithya8147@gmailco...20250811T090940z						128
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Major
mfanithya8147@gmailco...20250811T090940z						137
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Major
mfanithya8147@gmailco...20250811T090940z						140
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Major
mfanithya8147@gmailco...20250811T090940z						142
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Major
mfanithya8147@gmailco...20250811T090940z						153
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Minor
mfanithya8147@gmailco...20250811T090940z						161
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Major
mfanithya8147@gmailco...20250811T090940z						163
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Major
mfanithya8147@gmailco...20250811T090940z						166
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Major
mfanithya8147@gmailco...20250811T090940z						169
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Major
mfanithya8147@gmailco...20250811T090940z						172
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Major
mfanithya8147@gmailco...20250811T090940z						175
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Major
mfanithya8147@gmailco...20250811T090940z						182
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Major
mfanithya8147@gmailco...20250811T090940z						183
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Major
mfanithya8147@gmailco...20250811T090940z						184
940zzkqh/src/test/java/com/yaksha/trainin						
g/events/utills/TestUtils.java						Major
mfanithya8147@gmailco...20250811T090940z						198
940zzkqh/target/springboot-events-service-0.0.1-SNAPSHOT/WEB-INF/views/add-event-form.jsp						
mfanithya8147@gmailco...20250811T090940z						3
940zzkqh/target/springboot-events-service-0.0.1-SNAPSHOT/WEB-INF/views/add-event-form.jsp						
mfanithya8147@gmailco...20250811T090940z						4
940zzkqh/target/springboot-events-service-0.0.1-SNAPSHOT/WEB-INF/views/list-events.jsp						
mfanithya8147@gmailco...20250811T090940z						4
940zzkqh/target/springboot-events-service-0.0.1-SNAPSHOT/WEB-INF/views/past-events.jsp						
mfanithya8147@gmailco...20250811T090940z						3
940zzkqh/target/springboot-events-service-0.0.1-SNAPSHOT/WEB-INF/views/update-event-form.jsp						
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 a 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: