

Surefire Report

Summary

[\[Summary\]](#) [\[Package List\]](#) [\[Test Cases\]](#)

Tests	Errors	Failures	Skipped	Success Rate	Time
19	0	0	0	100%	14.72 s

Note: failures are anticipated and checked for with assertions while errors are unanticipated.

Package List

[\[Summary\]](#) [\[Package List\]](#) [\[Test Cases\]](#)

Package	Tests	Errors	Failures	Skipped	Success Rate	Time
alert_tests	7	0	0	0	100%	2.052 s
data_management	3	0	0	0	100%	0.043 s
websocket_tests	9	0	0	0	100%	12.63 s

Note: package statistics are not computed recursively, they only sum up all of its testsuites numbers.

alert_tests

-	Class	Tests	Errors	Failures	Skipped	Success Rate	Time
☀	ECGAlertTest	1	0	0	0	100%	0.005 s
☀	AlertDecoratorTest	1	0	0	0	100%	2.024 s
☀	HypotensiveHypoxemiaAlertTest	1	0	0	0	100%	0.013 s
☀	AlertFactoryTest	3	0	0	0	100%	0.006 s
☀	BloodPressureAlertTest	1	0	0	0	100%	0.004 s

data_management

-	Class	Tests	Errors	Failures	Skipped	Success Rate	Time
☀	DataStorageSingletonTest	1	0	0	0	100%	0.034 s
☀	DataStorageTest	2	0	0	0	100%	0.009 s

websocket_tests

-	Class	Tests	Errors	Failures	Skipped	Success Rate	Time
☀	HospitalWebSocketClientIntegrationTest	2	0	0	0	100%	3.52 s
☀	HospitalWebSocketClientTest	3	0	0	0	100%	1.461 s
☀	WebSocketErrorHandlingTest	3	0	0	0	100%	6.072 s
☀	WebSocketDataReaderTest	1	0	0	0	100%	1.56 s

Test Cases

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DataStorageSingletonTest

	testSingletonInstance	0.017 s
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HospitalWebSocketClientIntegrationTest

	testAlertGenerationFromStoredData	1.510 s
	testWebSocketClientReceivesAndStoresData	1.508 s


ECGAlertTest

	testECGAlert	0.005 s
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AlertDecoratorTest

	testAlertDecorator	2.024 s
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DataStorageTest

	testAddAndGetRecords	0.003 s
	testFileDataReader	0.004 s




HospitalWebSocketClientTest

	testInvalidMessagelsIgnored	0.307 s
	testValidMessagelsParsedAndStored	0.310 s
	testMessageWithPercentageSymbol	0.311 s

HypotensiveHypoxemiaAlertTest

	testHypotensiveHypoxemiaAlert	0.012 s
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AlertFactoryTest

	BloodPressureAlertFactory	0.001 s
	HeartRateAlertFactory	0.001 s
	BloodOxygenAlertFactory	0.001 s

BloodPressureAlertTest

	testBloodPressureAlert	0.004 s
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WebSocketErrorHandlingTest

	testMalformedDataHandling	1.522 s
	testServerDisconnectHandling	1.534 s
	testHighLatencyHandling	3.013 s

WebSocketDataReaderTest



testReadDataReceivesAndStoresPatientData

1.019 s

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([https://maven.apa](https://maven.apache.org/)