











# Week 4 Unit tests report


## AlertStrategyTest

	testECGStrategyTriggersAlert	0.002 s
	testBloodPressureStrategyTriggersAlert	0.001 s
	testHeartRateStrategyDoesNotTriggerAlert	0.002 s
	testBloodPressureStrategyDoesNotTriggerAlert	0.001 s
	testHeartRateStrategyTriggersAlert	0.001 s
	testConditionMessages	0.002 s
	testOxygenSaturationStrategyTriggersAlert	0.001 s
	testECGStrategyDoesNotTriggerAlert	0 s
	testOxygenSaturationStrategyDoesNotTriggerAlert	0 s
	testEmptyRecordsReturnFalse	0 s






## AlertFactoryTest

	testBloodOxygenAlertFactory	0.012 s
	testCreateAlert	0.001 s
	testECGAlertFactory	0 s
	testBloodPressureAlertFactory	0.001 s


## RepeatedAlertDecoratorTest

	testCancelStopsEarly	3.269 s
	testGetMessageFormat	0.006 s
	testRepeatedCheckOutputsCorrectCount	1.010 s


## alerts

-	Class	Tests	Errors	Failures	Skipped	Success Rate	Time
	<a href="#">AlertFactoryTest</a>	4	0	0	0	100%	0.018 s
	<a href="#">RepeatedAlertDecoratorTest</a>	3	0	0	0	100%	4.293 s
	<a href="#">PriorityAlertDecoratorTest</a>	5	0	0	0	100%	0.017 s
	<a href="#">AlertStrategyTest</a>	10	0	0	0	100%	0.016 s
	<a href="#">AlertGeneratorTest</a>	2	0	0	0	100%	0.005 s







## PriorityAlertDecoratorTest

	testPriorityClampedAboveMax	0.002 s
	testPriorityClampedBelowMin	0.001 s
	testPriorityLevels	0 s
	testSetPriorityClamping	0.001 s
	testGetMessageWithValidPriority	0.009 s

## HealthDataSimulatorTest

	testSingletonInstance	0.021 s
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## DataStorageTest

	testSingletonInstanceConsistency	0 s
	testGetAllPatients	0.002 s
	testMultipleRecordsTimeRangeFiltering	0.001 s
	testValidPatientNoMatchingTimeRange	0.001 s
	testGetRecords_NoPatientFound_ReturnsEmptyList	0 s
	testAddAndRetrievePatientData	0 s