As observed, all 27 tests passed with no errors or build failures. These tests comprise SingletonTest, AlertGeneratorTest, DataStorageTest, AlertDecoratorTest, AlertFactoryTest, AlertStrategyTest.

Jacoco report:

com.alerts.alert_types

Element	Missed Instructions -	Cov.	Missed Branches	Cov. \$	Missed \$	Cxty	Missed *	Lines	Missed *	Methods *	Missed	Classes
<u> </u>		100%		n/a	0	4	0	8	0	4	0	1
BloodPressureAlert		100%		n/a	0	4	0	8	0	4	0	1
→ BloodOxygenAlert		100%		n/a	0	4	0	8	0	4	0	1
		100%		n/a	0	4	0	8	0	4	0	1
Total	0 of 84	100%	0 of 0	n/a	0	16	0	32	0	16	0	4

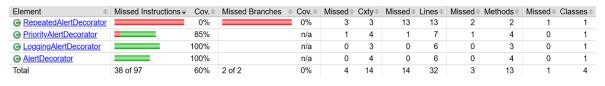
com.alerts.strategies

Element	Missed Instructions +	Cov. \$	Missed Branches +	Cov.	Missed :	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
→ BloodPressureStrategy		100%		88%	4	19	0	32	0	2	0	1
		100%		81%	4	13	0	28	0	2	0	1
<u> </u>		100%		90%	2	13	0	29	0	2	0	1
→ BloodOxygenStrategy		100%		85%	2	9	0	15	0	2	0	1
Total	0 of 615	100%	12 of 92	86%	12	54	0	104	0	8	0	4

com.alerts.factories

Element	Missed Instructions	Cov.	Missed Branches Cov. \$	Missed =	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
<u>ECGAlertFactory</u>		100%	n/a	0	2	0	3	0	2	0	1
BloodOxygenAlertFactory		100%	n/a	0	2	0	3	0	2	0	1
BloodPressureAlertFactory		100%	n/a	0	2	0	3	0	2	0	1
<u>HypoHypoxAlertFactory</u>		100%	n/a	0	2	0	3	0	2	0	1
Total	0 of 48	100%	0 of 0 n/a	0	8	0	12	0	8	0	4

com.alerts.decorators



I will ensure to implement a test for the RepeatedAlertDecorator (Check week 5 repoupdate)

$com.cardio_generator$

Element	Missed Instructions >	Cov. 🗢	Missed Branches		Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
HealthDataSimulator		58%		38%	11	27	48	87	1	13	0	1
Total	162 of 388	58%	16 of 26	38%	11	27	48	87	1	13	0	1

com.data_management

Element	Missed Instructions	Cov.	Missed Branches		Missed	Cxty	Missed	Lines	Missed =	Methods	Missed *	Classes
		0%		0%	6	6	20	20	2	2	1	1
DataStorage		50%		60%	4	11	14	30	2	6	0	1
Patient		100%		100%	0	6	0	13	0	3	0	1
PatientRecord		100%		n/a	0	5	0	10	0	5	0	1
Total	127 of 279	54%	12 of 24	50%	10	28	34	73	4	16	1	4

I will ensure to implement a test for the FileDataReader (check week 5 repo update)