

Code Coverage Report

cardio_generator

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
com.cardio_generator.generators	<div><div></div></div>	0%	<div><div></div></div>	0%	28	28	108	108	20	20	5	5
com.cardio_generator	<div><div></div></div>	9%	<div><div></div></div>	3%	25	28	79	89	11	14	0	1
com.cardio_generator.outputs	<div><div></div></div>	1%	<div><div></div></div>	0%	17	18	59	60	15	16	4	5
com.data_management	<div><div></div></div>	74%	<div><div></div></div>	62%	9	29	21	82	2	17	0	4
com.alerts	<div><div></div></div>	96%	<div><div></div></div>	89%	7	52	9	143	0	18	0	2
com.mainpackage	<div><div></div></div>	0%	<div><div></div></div>	0%	4	4	5	5	2	2	1	1
Total	1,271 of 2,196	42%	65 of 142	54%	90	159	281	487	50	87	10	18

com.alerts

AlertGenerator

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods
evaluateData(Patient)	<div><div></div></div>	75%	<div><div></div></div>	50%	1	2	1	7	0	1
hypotensiveHypoxemiaCheck(Patient)	<div><div></div></div>	95%	<div><div></div></div>	92%	1	8	2	22	0	1
bloodPressureEvaluations(Patient)	<div><div></div></div>	92%	<div><div></div></div>	50%	1	2	2	13	0	1
bloodSaturationEvaluations(Patient)	<div><div></div></div>	88%	<div><div></div></div>	50%	1	2	2	10	0	1
ECGCheck(Patient)	<div><div></div></div>	88%	<div><div></div></div>	50%	1	2	2	10	0	1
trendCheck(List_Patient,String)	<div><div></div></div>	100%	<div><div></div></div>	100%	0	7	0	18	0	1
checkIrregularHeartRate(List_Patient)	<div><div></div></div>	100%	<div><div></div></div>	90%	1	6	0	15	0	1
criticalTresholdCheck(List_Patient,String,int,int)	<div><div></div></div>	100%	<div><div></div></div>	100%	0	4	0	9	0	1
rapidDropCheck(List_Patient)	<div><div></div></div>	100%	<div><div></div></div>	75%	1	3	0	6	0	1
criticalHeartRateAlert(List_Patient)	<div><div></div></div>	100%	<div><div></div></div>	100%	0	4	0	6	0	1
lowSaturationCheck(List_Patient)	<div><div></div></div>	100%	<div><div></div></div>	100%	0	3	0	6	0	1
getRecordsByType(List,String)	<div><div></div></div>	100%	<div><div></div></div>	100%	0	3	0	6	0	1
triggerAlert(Alert)	<div><div></div></div>	100%		n/a	0	1	0	4	0	1
AlertGenerator(DataStorage)	<div><div></div></div>	100%		n/a	0	1	0	3	0	1
Total	21 of 626	96%	7 of 68	89%	7	48	9	135	0	14

com.data_management

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
DataStorage	<div><div></div></div>	43%	<div><div></div></div>	37%	5	9	15	27	2	5	0	1
FileDataReader	<div><div></div></div>	82%	<div><div></div></div>	80%	2	8	6	30	0	3	0	1
Patient	<div><div></div></div>	100%	<div><div></div></div>	66%	2	7	0	15	0	4	0	1
PatientRecord	<div><div></div></div>	100%		n/a	0	5	0	10	0	5	0	1
Total	90 of 351	74%	9 of 24	62%	9	29	21	82	2	17	0	4

DataStorage

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods
main(String[])	<div><div></div></div>	0%	<div><div></div></div>	0%	3	3	13	13	1	1
getAllPatients()	<div><div></div></div>	0%		n/a	1	1	1	1	1	1
getRecords(int,long,long)	<div><div></div></div>	77%	<div><div></div></div>	50%	1	2	1	4	0	1
addPatientData(int,double,String,long)	<div><div></div></div>	100%	<div><div></div></div>	100%	0	2	0	6	0	1
DataStorage()	<div><div></div></div>	100%		n/a	0	1	0	3	0	1
Total	64 of 113	43%	5 of 8	37%	5	9	15	27	2	5

FileDataReader

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods
readData(DataStorage)	<div><div></div></div>	80%	<div><div></div></div>	80%	2	6	6	27	0	1
FileDataReader(String)	<div><div></div></div>	100%		n/a	0	1	0	3	0	1
lambda\$readData\$0(File,String)	<div><div></div></div>	100%		n/a	0	1	0	1	0	1
Total	26 of 146	82%	2 of 10	80%	2	8	6	30	0	3

Conclusion

The AlertGenerator class looks good overall, although a few more tests would make it better. The FileDataReader and DataStorage classes could use some improvement.