

AlertGenerator

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods
evaluateData(Patient)		0%		n/a	1	1	11	11	1	1
ButtonEmergency(List)		92%		50%	2	3	2	9	0	1
getSpecificValues(String,List)		90%		66%	2	4	1	8	0	1
hypotensiveHypoxemiaAlert(List)		97%		84%	2	8	2	20	0	1
checkBloodPressure(String,double[],Long,String)		97%		81%	2	7	1	19	0	1
bloodPressureDataAlert(List)		99%		86%	3	12	1	42	0	1
bloodSaturationAlerts(List)		99%		91%	1	7	1	27	0	1
lambda\$checkBloodPressure\$3(double[],int)		94%		50%	1	2	0	1	0	1
EKGAlert(List)		100%		100%	0	5	0	23	0	1
triggerAlert(Alert)		100%		n/a	0	1	0	6	0	1
getAverage(double[])		100%		100%	0	2	0	4	0	1
lambda\$checkBloodPressure\$1(double[],int)		100%		100%	0	2	0	1	0	1
lambda\$checkBloodPressure\$2(double)		100%		100%	0	3	0	1	0	1
lambda\$checkBloodPressure\$0(double)		100%		100%	0	3	0	1	0	1
AlertGenerator(DataStorage)		100%		n/a	0	1	0	4	0	1
getAlerts()		100%		n/a	0	1	0	1	0	1
Total	67 of 845	92%	13 of 90	85%	14	62	19	174	1	16

Created with JaCoCo 0.8.7.202105040129

These are the tests performed on AlertGenerator, I haven't tested the evaluateData as this method simply contains the tested methods. Its purpose is to hold all the Alert methods in one place such that when data is passed, this data will be processed by all methods.

cardio_generator

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
com.cardio_generator.generators		0%		0%	29	29	120	120	18	18	6	6
com.cardio_generator		0%		0%	31	31	90	90	16	16	2	2
com.cardio_generator.outputs		0%		0%	19	19	62	62	17	17	5	5
com.data_management		49%		44%	12	27	39	77	6	18	1	4
com.design_pattern.Factor		0%		n/a	14	14	21	21	14	14	7	7
com.alerts		92%		85%	14	66	19	182	1	20	0	2
Total	1,549 of 2,498	37%	77 of 162	52%	119	186	351	552	72	103	21	26

Created with JaCoCo 0.8.7.2021050401

This is the general overview of all classes, as you can see I only took care of analysing the Alerts folder as that is where the AlertGenerator is. The way I understood the assignment is that we had to test for the specific parts that we have programmed.