

cardio_generator

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
com.cardiogenerator.generators	<div></div>	0%	<div></div>	0%	24	24	104	104	16	16	5	5
com.cardiogenerator	<div></div>	0%	<div></div>	0%	33	33	95	95	16	16	2	2
com.cardiogenerator.outputs	<div></div>	0%	<div></div>	0%	18	18	60	60	16	16	5	5
com.alerts	<div></div>	68%	<div></div>	90%	30	90	43	141	26	57	3	17
com.data_management	<div></div>	82%	<div></div>	72%	19	60	17	129	4	29	0	4
Total	1,487 of 2,386	37%	75 of 180	58%	124	225	319	529	78	134	15	33

Created with JaCoCo 0.8.12.202403310830

cardio_generator > com.alerts

Source FilesSessions

com.alerts

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
AlertConditionRegistry	<div></div>	0%	<div></div>	n/a	3	3	4	4	3	3	1	1
AlertGenerator	<div></div>	0%	<div></div>	0%	5	5	12	12	3	3	1	1
Alert	<div></div>	0%	<div></div>	n/a	6	6	11	11	6	6	1	1
BloodOxygenSaturationRapidDropThresholdAlertCondition	<div></div>	94%	<div></div>	91%	2	11	2	22	1	5	0	1
ECGAbnormalDataAlertCondition	<div></div>	94%	<div></div>	83%	2	7	2	14	1	4	0	1
TrendUtilities	<div></div>	96%	<div></div>	100%	1	9	1	17	1	3	0	1
HypotensiveHypoxemiaAlertCondition	<div></div>	93%	<div></div>	100%	1	7	1	8	1	3	0	1
TriggeredAlertAlertCondition	<div></div>	91%	<div></div>	100%	1	5	1	7	1	3	0	1
SystolicPressureBelowThresholdAlertCondition	<div></div>	90%	<div></div>	100%	1	5	1	6	1	3	0	1
BloodOxygenSaturationBelowThresholdAlertCondition	<div></div>	90%	<div></div>	100%	1	5	1	6	1	3	0	1
SystolicPressureAboveThresholdAlertCondition	<div></div>	90%	<div></div>	100%	1	5	1	6	1	3	0	1
DiastolicPressureBelowThresholdAlertCondition	<div></div>	90%	<div></div>	100%	1	5	1	6	1	3	0	1
DiastolicPressureAboveThresholdAlertCondition	<div></div>	90%	<div></div>	100%	1	5	1	6	1	3	0	1
SystolicBloodPressureIncreaseTrendAlertCondition	<div></div>	84%	<div></div>	n/a	1	3	1	4	1	3	0	1
DiastolicBloodPressureDecreaseTrendAlertCondition	<div></div>	84%	<div></div>	n/a	1	3	1	4	1	3	0	1
DiastolicBloodPressureIncreaseTrendAlertCondition	<div></div>	84%	<div></div>	n/a	1	3	1	4	1	3	0	1
SystolicBloodPressureDecreaseTrendAlertCondition	<div></div>	84%	<div></div>	n/a	1	3	1	4	1	3	0	1
Total	197 of 618	68%	6 of 66	90%	30	90	43	141	26	57	3	17

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cardio_generator > com.data_management

Source FilesSessions

com.data_management

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
DataStorage	<div></div>	53%	<div></div>	50%	3	9	13	27	1	5	0	1
PatientRecord	<div></div>	58%	<div></div>	50%	10	15	3	18	3	8	0	1
FileDataReader	<div></div>	97%	<div></div>	87%	2	17	1	46	0	9	0	1
Patient	<div></div>	100%	<div></div>	83%	4	19	0	38	0	7	0	1
Total	103 of 581	82%	17 of 62	72%	19	60	17	129	4	29	0	4

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The first screenshot shows the overall image of the code coverage, while the second and third images show the specific Java packages with classes that were not fully executed upon running.

The com.alerts and com.data_management screenshots depict which of the classes have methods that have or have not been used upon test execution. In this case, there are some unused methods, since the test classes’ methods contain some conditions, which change what code should be executed. Besides this, test methods can accept different parameters, which also influences the outcome of execution.