

CAB302 Assignment 2

GUI Test Plan

Jai Spicer: n9378880


Oliver Johnson: n9168079

The Basics

- This file is a template to help you organise your GUI test results.
- Please delete this slide before submission
- For each test, you will need to provide at least 2 screenshots of your application – data entry and result. For *Test 1*, this will need to happen twice, each time showing the error. It is not necessary to execute corrected inputs for Test 1.
- For Tests 1,2,4 and 5, we already know the input data and results
- For Test 3, you need to specify it, and the expected result (you know both of these as they are from a supplied log that you choose).
- (And yes, you can fake the screenshots, but we can also demand that you demo the application with one of us present).

Test 1 Input Screen Shot 1

Aircraft Configuration



Simulation Settings

RNG Seed:	test
Daily Mean:	1300.0
Queue Size:	0
Cancellation:	1.0

Aircraft Settings

First:	0.03	Run Configuration <input type="radio"/> Default <input checked="" type="radio"/> Custom
Business:	0.14	
Premium:	0.13	
Economy:	0.7	


Test 1 Error Screen Shot 1

The screenshot shows a software window titled "Aircraft Configuration". In the center, a "Message" dialog box is displayed with an information icon and the text "Invalid input, must be of type Integer and greater then 0". Below the message is an "OK" button. The background window contains two sections: "Simulation Settings" and "Aircraft Settings".

Simulation Settings		Aircraft Settings		
RNG Seed:	test	First:	0.03	Run
Daily Mean:	1300.0	Business:	0.14	Configuration
Queue Size:	0	Premium:	0.13	<input type="radio"/> Default
Cancellation:	1.0	Economy:	0.7	<input checked="" type="radio"/> Custom

Test 1 Input Screen Shot 2

Aircraft Configuration



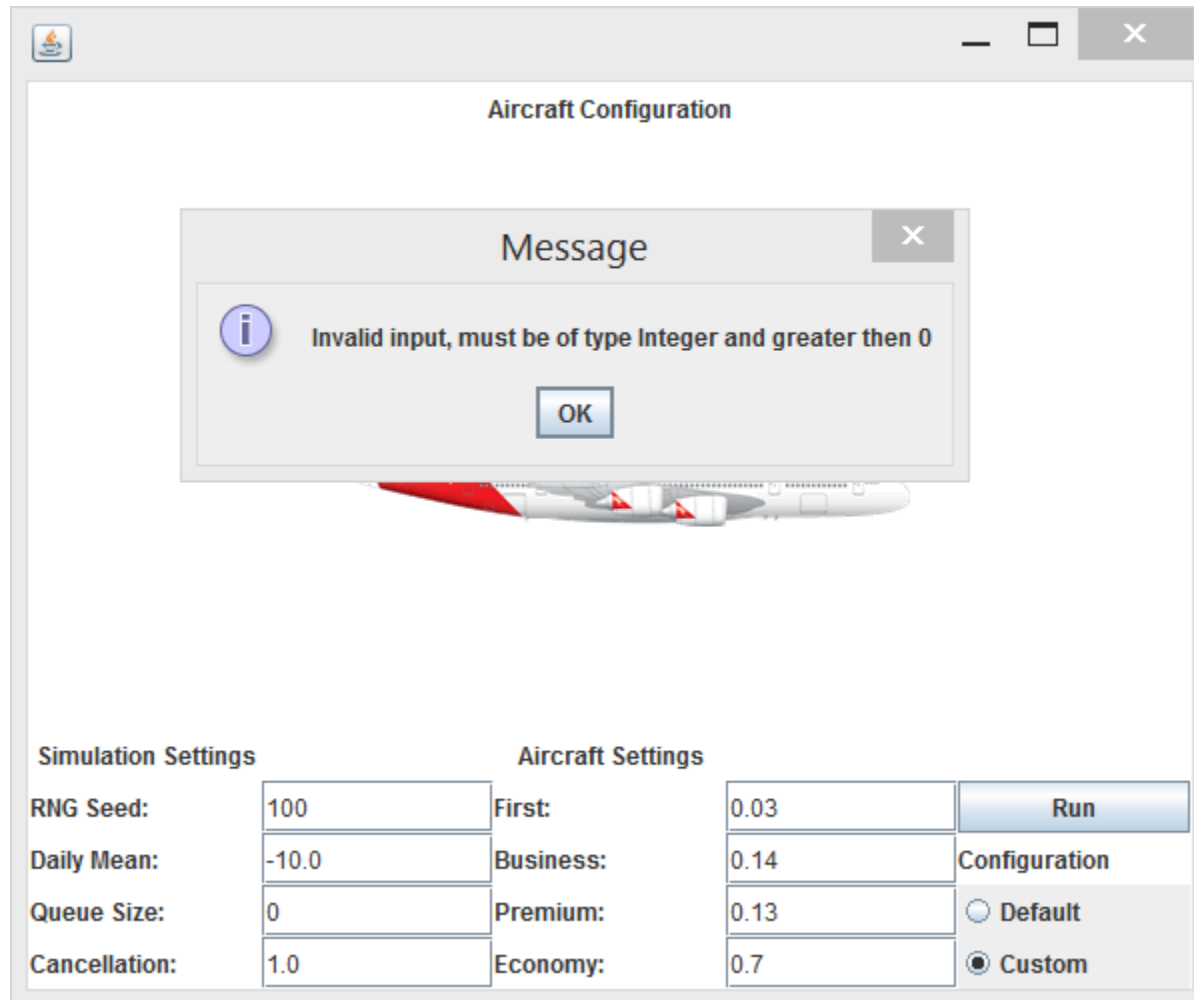
Simulation Settings

RNG Seed:	100
Daily Mean:	-10.0
Queue Size:	0
Cancellation:	1.0

Aircraft Settings

First:	0.03	Run Configuration <input type="radio"/> Default <input checked="" type="radio"/> Custom
Business:	0.14	
Premium:	0.13	
Economy:	0.7	

Test 1 Error Screen Shot 2



The screenshot shows a software window titled "Aircraft Configuration". In the center, a "Message" dialog box is displayed with an information icon and the text: "Invalid input, must be of type Integer and greater than 0". Below the message is an "OK" button. The background of the main window shows a partial view of an aircraft and two settings panels at the bottom.

Simulation Settings

RNG Seed:	100
Daily Mean:	-10.0
Queue Size:	0
Cancellation:	1.0

Aircraft Settings

First:	0.03
Business:	0.14
Premium:	0.13
Economy:	0.7

Buttons: Run, Configuration, Default, Custom

Test 2 Input Screen Shot

Run Configurations

Create, manage, and run configurations
Run a Java application

Generic Server(Ext...
HTTP Preview
J2EE Preview
Java Applet
Java Application
FramesAndPanel...
GUISimulator
PanelsAndWidge...
SimulationRunne...
Wiring
JUnit
JUnit Plug-in Test
Maven Build
OSGi Framework
Task Context Test
XSL

Filter matched 31 of 60 items

Name: SimulationRunner


Main Arguments JRE Classpath Source Environment Common

Program arguments:
-gui 100 0 1300.0 429.0 0.03 0.14 0.13 0.7 1.0

VM arguments:

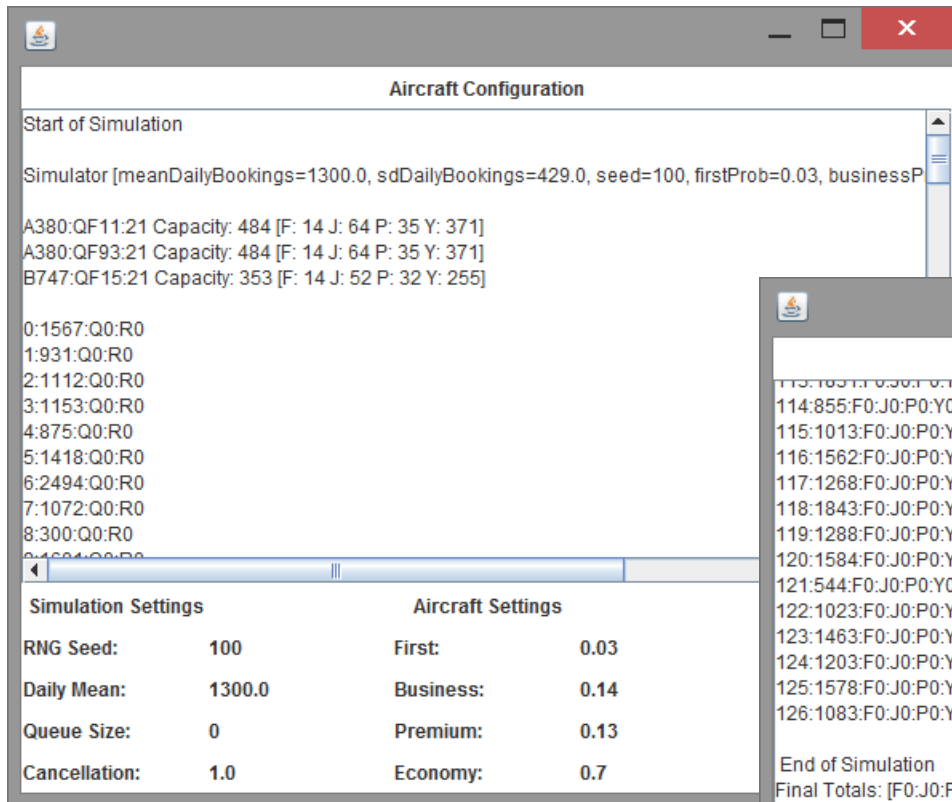
Working directory:
☐ Default: \${workspace_loc:AircraftSimulator}
☐ Other:
Workspace...

Aircraft Configuration



Simulation Settings		Aircraft Settings		
RNG Seed:	100	First:	0.03	Run
Daily Mean:	1300.0	Business:	0.14	Configuration
Queue Size:	0	Premium:	0.13	<input type="radio"/> Default
Cancellation:	1.0	Economy:	0.7	<input checked="" type="radio"/> Custom

Test 2 Output Screen Shot



Aircraft Configuration

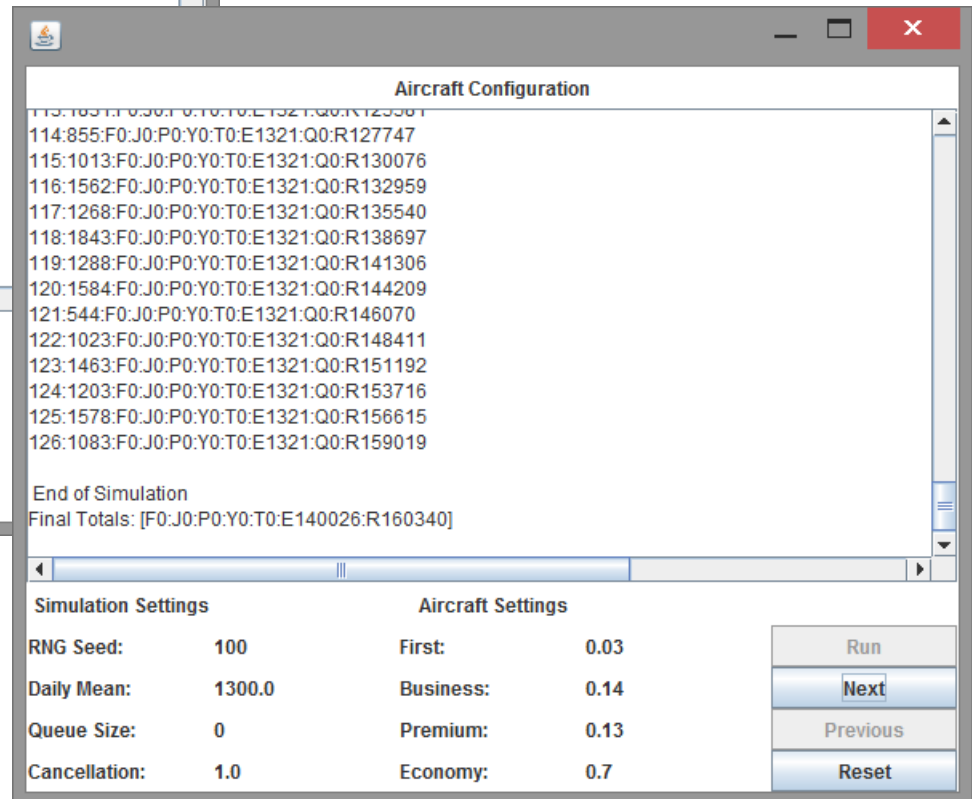
Start of Simulation

Simulator [meanDailyBookings=1300.0, sdDailyBookings=429.0, seed=100, firstProb=0.03, businessP

A380:QF11:21 Capacity: 484 [F: 14 J: 64 P: 35 Y: 371]
A380:QF93:21 Capacity: 484 [F: 14 J: 64 P: 35 Y: 371]
B747:QF15:21 Capacity: 353 [F: 14 J: 52 P: 32 Y: 255]

0:1567:Q0:R0
1:931:Q0:R0
2:1112:Q0:R0
3:1153:Q0:R0
4:875:Q0:R0
5:1418:Q0:R0
6:2494:Q0:R0
7:1072:Q0:R0
8:300:Q0:R0
9:1684:Q0:R0

Simulation Settings		Aircraft Settings	
RNG Seed:	100	First:	0.03
Daily Mean:	1300.0	Business:	0.14
Queue Size:	0	Premium:	0.13
Cancellation:	1.0	Economy:	0.7



Aircraft Configuration

113:163:F0:J0:P0:Y0:T0:E1321:Q0:R123581
114:855:F0:J0:P0:Y0:T0:E1321:Q0:R127747
115:1013:F0:J0:P0:Y0:T0:E1321:Q0:R130076
116:1562:F0:J0:P0:Y0:T0:E1321:Q0:R132959
117:1268:F0:J0:P0:Y0:T0:E1321:Q0:R135540
118:1843:F0:J0:P0:Y0:T0:E1321:Q0:R138697
119:1288:F0:J0:P0:Y0:T0:E1321:Q0:R141306
120:1584:F0:J0:P0:Y0:T0:E1321:Q0:R144209
121:544:F0:J0:P0:Y0:T0:E1321:Q0:R146070
122:1023:F0:J0:P0:Y0:T0:E1321:Q0:R148411
123:1463:F0:J0:P0:Y0:T0:E1321:Q0:R151192
124:1203:F0:J0:P0:Y0:T0:E1321:Q0:R153716
125:1578:F0:J0:P0:Y0:T0:E1321:Q0:R156615
126:1083:F0:J0:P0:Y0:T0:E1321:Q0:R159019

End of Simulation
Final Totals: [F0:J0:P0:Y0:T0:E140026:R160340]

Simulation Settings		Aircraft Settings	
RNG Seed:	100	First:	0.03
Daily Mean:	1300.0	Business:	0.14
Queue Size:	0	Premium:	0.13
Cancellation:	1.0	Economy:	0.7

Run
Next
Previous
Reset

Test 3 Input Screen Shot

The screenshot shows the Eclipse IDE's 'Run Configurations' dialog for a configuration named 'SimulationRunner'. The 'Main' tab is selected, showing the following settings:

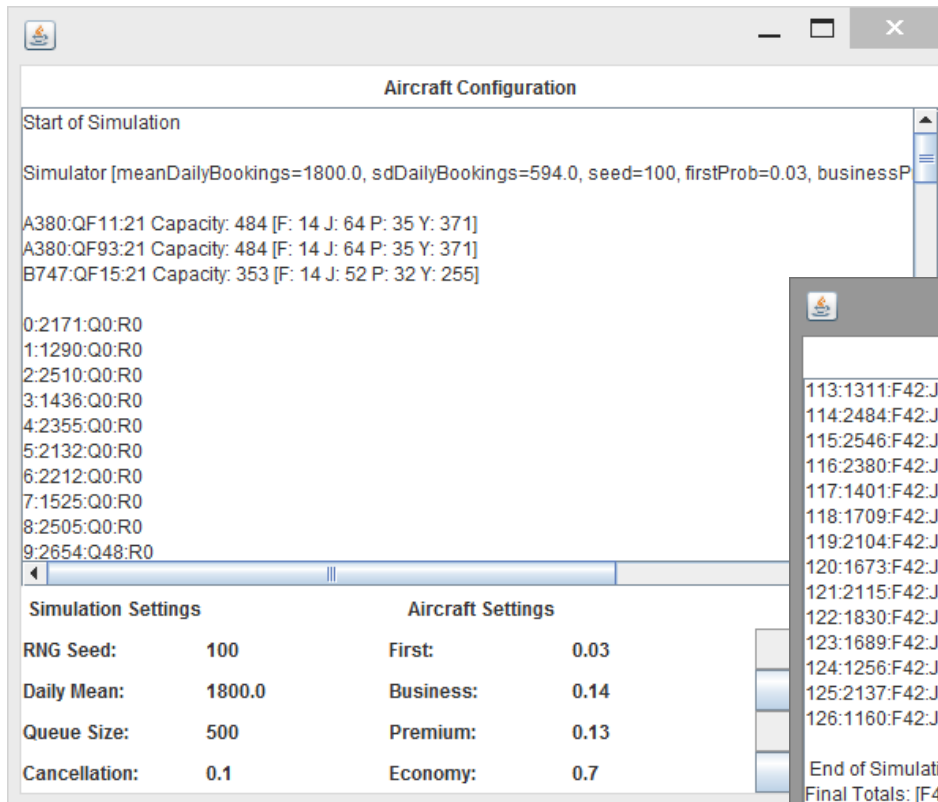
- Name: SimulationRunner
- Program arguments: `-gui 100 500 1800.0 594.0 0.03 0.14 0.13 0.7 0.1`
- VM arguments: (empty)
- Working directory: ☐ Default: `${workspace_loc:AircraftSimul...` ☐ Other:

The left sidebar shows a tree of configurations, with 'SimulationRunner' selected. The bottom status bar indicates 'Filter matched 31 of 60 items'.

Overlaid on the bottom right is the 'Aircraft Configuration' window, which displays a Qantas aircraft and a table of simulation settings.

Simulation Settings		Aircraft Settings		
RNG Seed:	100	First:	0.03	<input type="button" value="Run"/>
Daily Mean:	1800.0	Business:	0.14	<input type="button" value="Configuration"/>
Queue Size:	500	Premium:	0.13	<input type="radio"/> Default
Cancellation:	0.1	Economy:	0.7	<input checked="" type="radio"/> Custom

Test 3 Output Screen Shot



Aircraft Configuration

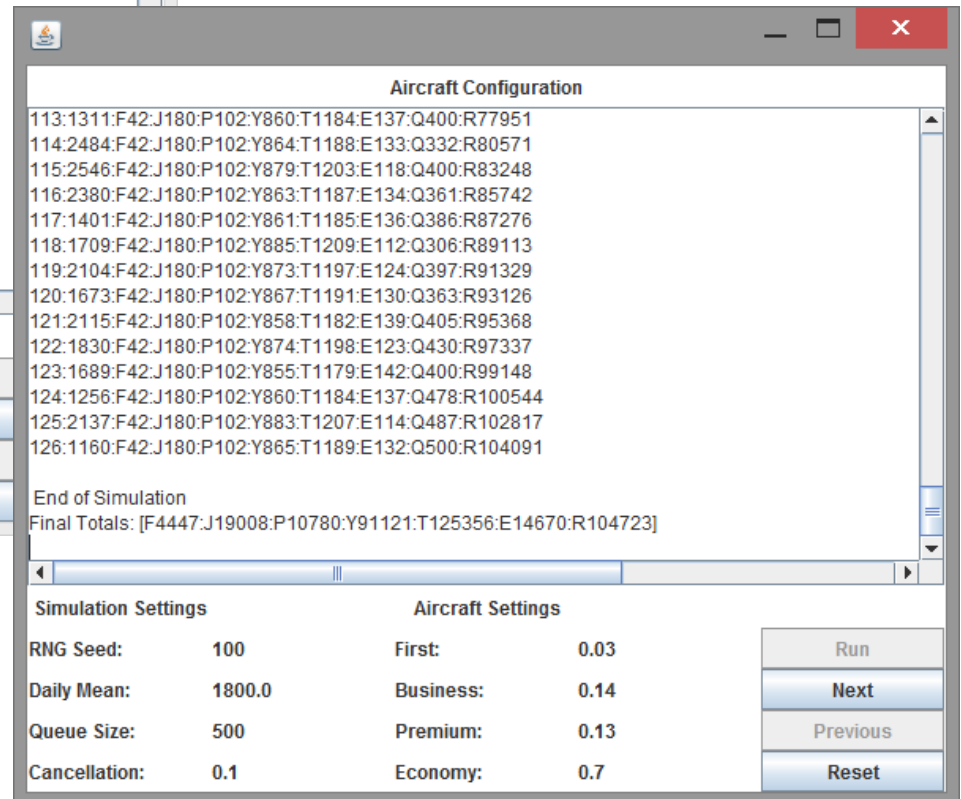
Start of Simulation

Simulator [meanDailyBookings=1800.0, sdDailyBookings=594.0, seed=100, firstProb=0.03, businessP

A380:QF11:21 Capacity: 484 [F: 14 J: 64 P: 35 Y: 371]
A380:QF93:21 Capacity: 484 [F: 14 J: 64 P: 35 Y: 371]
B747:QF15:21 Capacity: 353 [F: 14 J: 52 P: 32 Y: 255]

0:2171:Q0:R0
1:1290:Q0:R0
2:2510:Q0:R0
3:1436:Q0:R0
4:2355:Q0:R0
5:2132:Q0:R0
6:2212:Q0:R0
7:1525:Q0:R0
8:2505:Q0:R0
9:2654:Q48:R0

Simulation Settings		Aircraft Settings	
RNG Seed:	100	First:	0.03
Daily Mean:	1800.0	Business:	0.14
Queue Size:	500	Premium:	0.13
Cancellation:	0.1	Economy:	0.7



Aircraft Configuration

113:1311:F42:J180:P102:Y860:T1184:E137:Q400:R77951
114:2484:F42:J180:P102:Y864:T1188:E133:Q332:R80571
115:2546:F42:J180:P102:Y879:T1203:E118:Q400:R83248
116:2380:F42:J180:P102:Y863:T1187:E134:Q361:R85742
117:1401:F42:J180:P102:Y861:T1185:E136:Q386:R87276
118:1709:F42:J180:P102:Y885:T1209:E112:Q306:R89113
119:2104:F42:J180:P102:Y873:T1197:E124:Q397:R91329
120:1673:F42:J180:P102:Y867:T1191:E130:Q363:R93126
121:2115:F42:J180:P102:Y858:T1182:E139:Q405:R95368
122:1830:F42:J180:P102:Y874:T1198:E123:Q430:R97337
123:1689:F42:J180:P102:Y855:T1179:E142:Q400:R99148
124:1256:F42:J180:P102:Y860:T1184:E137:Q478:R100544
125:2137:F42:J180:P102:Y883:T1207:E114:Q487:R102817
126:1160:F42:J180:P102:Y865:T1189:E132:Q500:R104091

End of Simulation

Final Totals: [F4447:J19008:P10780:Y91121:T125356:E14670:R104723]

Simulation Settings		Aircraft Settings	
RNG Seed:	100	First:	0.03
Daily Mean:	1800.0	Business:	0.14
Queue Size:	500	Premium:	0.13
Cancellation:	0.1	Economy:	0.7

Run
Next
Previous
Reset

Test 4 Input Screen Shot

Run Configurations

Create, manage, and run configurations
Run a Java application

type filter text

Generic Server(Ext...
HTTP Preview
J2EE Preview
Java Applet
Java Application
FramesAndPanel...
GUISimulator
PanelsAndWidge...
SimulationRunne...
Wiring
JUnit
JUnit Plug-in Test
Maven Build
OSGi Framework
Task Context Test
XSL

Filter matched 31 of 60 items

Name: SimulationRunner


Main Arguments JRE Classpath Source Environment Common

Program arguments:
-gui 100 1000 2000.0 660.0 0.1 0.2 0.0 0.7 0.1

VM arguments:

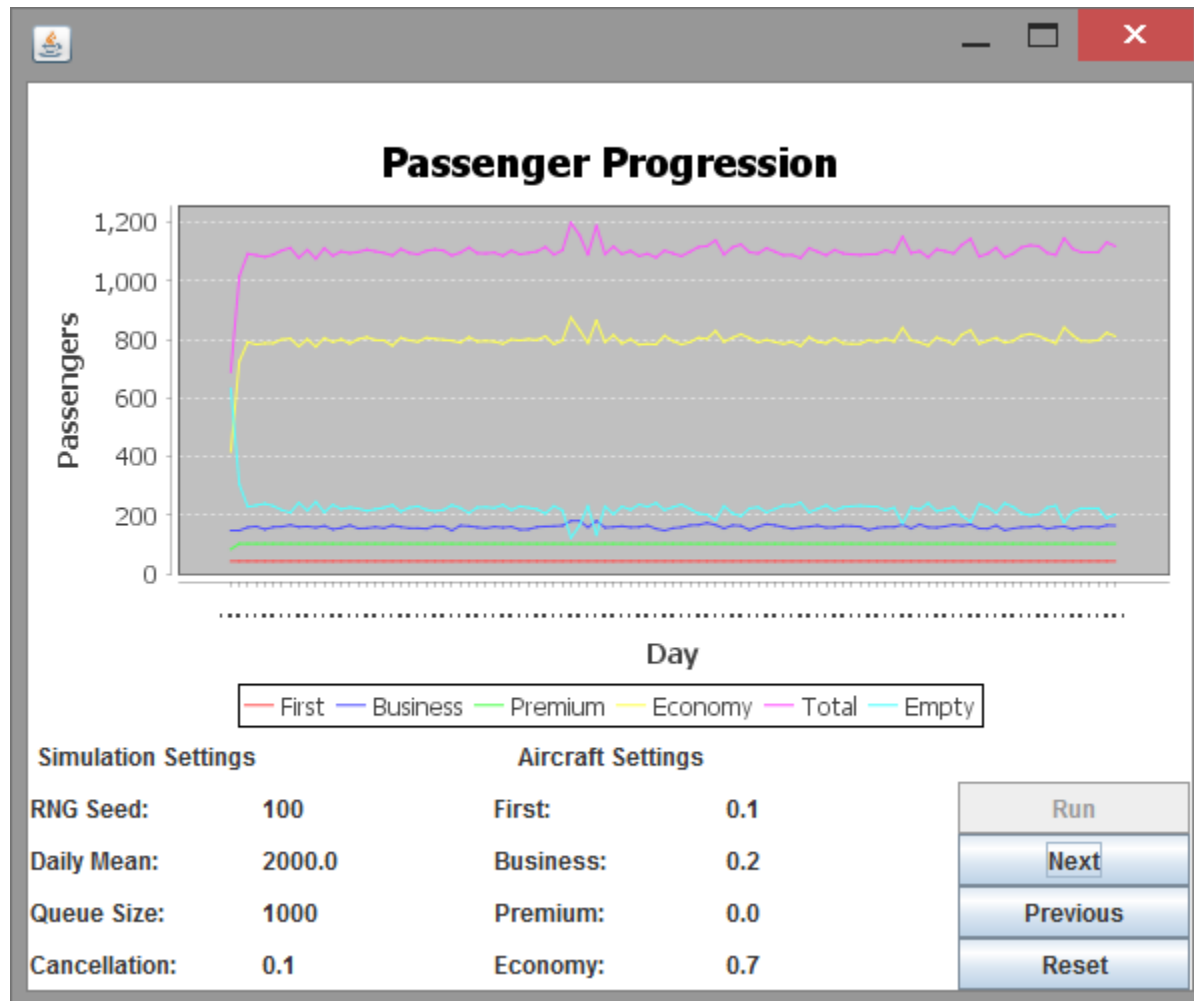
Working directory:
☐ Default: \${workspace_loc:AircraftSimulator}
☐ Other:
Workspace...

Aircraft Configuration



Simulation Settings		Aircraft Settings		
RNG Seed:	100	First:	0.1	Run
Daily Mean:	2000.0	Business:	0.2	Configuration
Queue Size:	1000	Premium:	0.0	<input type="radio"/> Default
Cancellation:	0.1	Economy:	0.7	<input checked="" type="radio"/> Custom

Test 4 Output Chart 1



Test 5 Input Screen Shot

Run Configurations

Create, manage, and run configurations
Run a Java application

type filter text

Generic Server(Ext...
HTTP Preview
J2EE Preview
Java Applet
Java Application
FramesAndPanel...
GUISimulator
PanelsAndWidge...
SimulationRunne...
Wiring
JUnit
JUnit Plug-in Test
Maven Build
OSGi Framework
Task Context Test
XSL

Filter matched 31 of 60 items

Name: SimulationRunner


Main Arguments JRE Classpath Source Environment Common

Program arguments:
-gui 100 50000 1600.0 528.0 0.1 0.2 0.1 0.6 0.1

VM arguments:

Working directory:
☐ Default: \${workspace_loc:AircraftSimulator}
☐ Other:
Workspace...

Aircraft Configuration



Simulation Settings		Aircraft Settings		
RNG Seed:	100	First:	0.1	Run
Daily Mean:	1600.0	Business:	0.2	Configuration
Queue Size:	50000	Premium:	0.1	<input type="radio"/> Default
Cancellation:	0.1	Economy:	0.6	<input checked="" type="radio"/> Custom

Test 5 Output Chart 2

