

CAB302 Assignment 2

GUI Test Plan

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Test 1 Input Screen Shot 1

Aircraft Simulator

GUI For Aircraft Simulator

The simulation output will appear here.

To start:

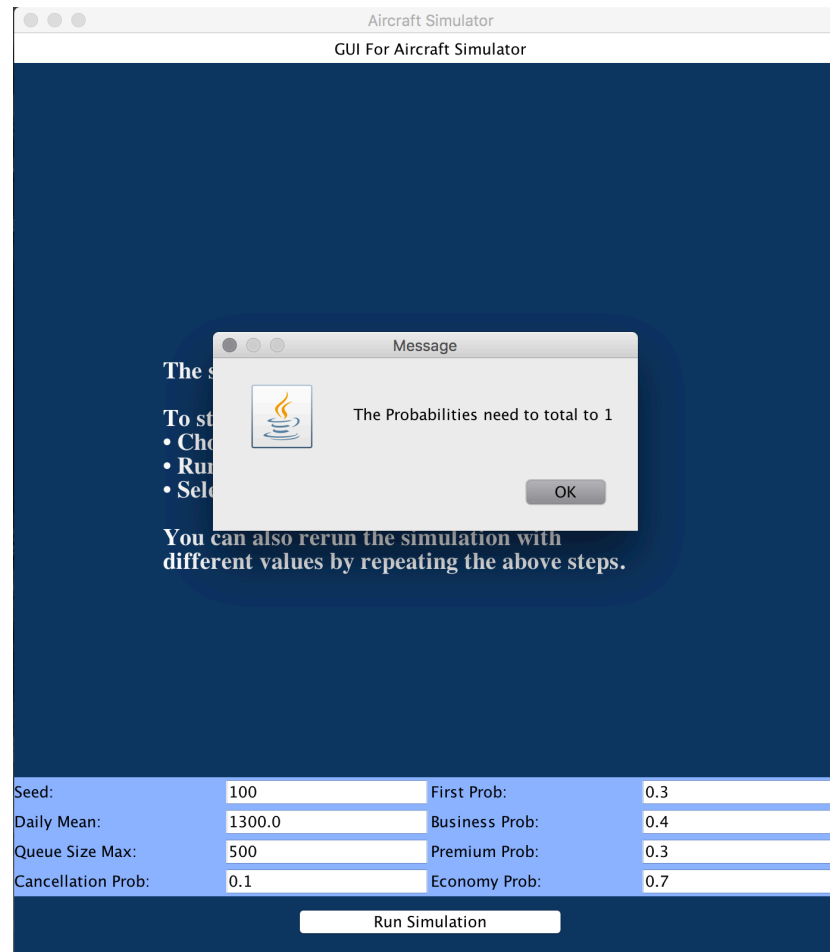
- Choose values
- Run the simulation
- Select a data viewing option

You can also rerun the simulation with different values by repeating the above steps.

Seed:	100	First Prob:	0.3
Daily Mean:	1300.0	Business Prob:	0.4
Queue Size Max:	500	Premium Prob:	0.3
Cancellation Prob:	0.1	Economy Prob:	0.7

Run Simulation

Test 1 Error Screen Shot 1



Test 1 Input Screen Shot 2

The screenshot shows a window titled "Aircraft Simulator" with a subtitle "GUI For Aircraft Simulator". The main area is dark blue with white text instructions. At the bottom, there is a light blue input section with a table of parameters and a "Run Simulation" button.

The simulation output will appear here.

To start:

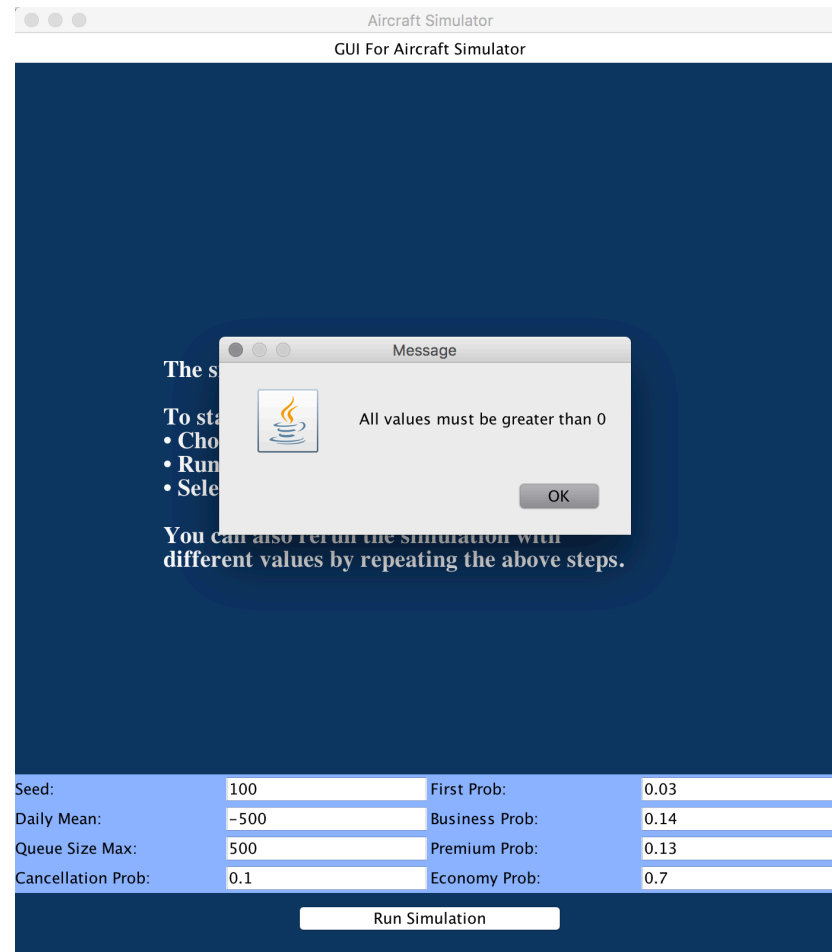
- Choose values
- Run the simulation
- Select a data viewing option

You can also rerun the simulation with different values by repeating the above steps.

Seed:	100	First Prob:	0.03
Daily Mean:	-500	Business Prob:	0.14
Queue Size Max:	500	Premium Prob:	0.13
Cancellation Prob:	0.1	Economy Prob:	0.7

Run Simulation

Test 1 Error Screen Shot 2



Test 2 Input Screen Shot

The screenshot shows a window titled "Aircraft Simulator" with a subtitle "GUI For Aircraft Simulator". The main area is dark blue with white text instructions. At the bottom, there is a light blue section containing input fields for various simulation parameters and a "Run Simulation" button.

The simulation output will appear here.

To start:

- Choose values
- Run the simulation
- Select a data viewing option

You can also rerun the simulation with different values by repeating the above steps.

Seed:	<input type="text" value="100"/>	First Prob:	<input type="text" value="0.03"/>
Daily Mean:	<input type="text" value="1300.0"/>	Business Prob:	<input type="text" value="0.14"/>
Queue Size Max:	<input type="text" value="0"/>	Premium Prob:	<input type="text" value="0.13"/>
Cancellation Prob:	<input type="text" value="1.0"/>	Economy Prob:	<input type="text" value="0.7"/>

Test 2 Output Screen Shot

The screenshot shows a window titled "Aircraft Simulator" with a subtitle "GUI For Aircraft Simulator". The window has three tabs: "Graph 1", "Text Output", and "Graph 2". The "Text Output" tab is active, displaying the following text:

```
Refused: 151192
End of day: 123

The current day is: 124
First: 0
Business: 0
Premium: 0
Economy: 0
Queued: 0
Refused: 153716
End of day: 124

The current day is: 125
First: 0
Business: 0
Premium: 0
Economy: 0
Queued: 0
Refused: 156615
End of day: 125

The current day is: 126
First: 0
Business: 0
Premium: 0
Economy: 0
Queued: 0
Refused: 159019
End of day: 126
```

Below the text output, there is a table of simulation parameters:

Seed:	100	First Prob:	0.03
Daily Mean:	1300.0	Business Prob:	0.14
Queue Size Max:	0	Premium Prob:	0.13
Cancellation Prob:	1.0	Economy Prob:	0.7

At the bottom of the window, there is a button labeled "Run Simulation".

Test 3 Test Data

Simulator [meanDailyBookings=1300.0, sdDailyBookings=429.0, seed=100, firstProb=0.03, businessProb=0.14, premiumProb=0.13, economyProb=0.7, maxQueueSize=500, cancellationProb=0.1]

Chose the first in the sample
logs

124:1414:F42:J180:P102:Y889:T1213:E108:Q496:R36070

125:781:F42:J180:P102:Y872:T1196:E125:Q496:R36958

126:1584:F42:J180:P102:Y855:T1179:E142:Q496:R38667

20160525_203007: End of Simulation

Final Totals: [F4424:J18922:P10652:Y88120:T122118:E17908:R39305]

Test 3 Input Screen Shot

The screenshot shows a window titled "Aircraft Simulator" with a subtitle "GUI For Aircraft Simulator". The main area is dark blue with white text instructions. At the bottom, there is a light blue section with input fields for various simulation parameters and a "Run Simulation" button.

The simulation output will appear here.

To start:

- Choose values
- Run the simulation
- Select a data viewing option

You can also rerun the simulation with different values by repeating the above steps.

Seed:	<input type="text" value="100"/>	First Prob:	<input type="text" value="0.03"/>
Daily Mean:	<input type="text" value="1300.0"/>	Business Prob:	<input type="text" value="0.14"/>
Queue Size Max:	<input type="text" value="500"/>	Premium Prob:	<input type="text" value="0.13"/>
Cancellation Prob:	<input type="text" value="0.1"/>	Economy Prob:	<input type="text" value="0.7"/>

Test 3 Output Screen Shot

The screenshot shows a window titled "Aircraft Simulator" with a subtitle "GUI For Aircraft Simulator". The window has three tabs: "Graph 1", "Text Output", and "Graph 2". The "Text Output" tab is active, displaying the following text:

```
Refused: 34521
End of day: 123

The current day is: 124
First: 35
Business: 169
Premium: 91
Economy: 918
Queued: 500
Refused: 36066
End of day: 124

The current day is: 125
First: 36
Business: 165
Premium: 92
Economy: 903
Queued: 500
Refused: 36954
End of day: 125

The current day is: 126
First: 37
Business: 156
Premium: 93
Economy: 893
Queued: 500
Refused: 38663
End of day: 126
```

Below the text output, there are four input fields for simulation parameters:

Seed:	100	First Prob:	0.03
Daily Mean:	1300.0	Business Prob:	0.14
Queue Size Max:	500	Premium Prob:	0.13
Cancellation Prob:	0.1	Economy Prob:	0.7

At the bottom of the window, there is a button labeled "Run Simulation".

Test 4 Input Screen Shot

The screenshot shows a window titled "Aircraft Simulator" with a subtitle "GUI For Aircraft Simulator". The main area is dark blue with white text instructions. At the bottom, there is a light blue input section with a table of parameters and a "Run Simulation" button.

The simulation output will appear here.

To start:

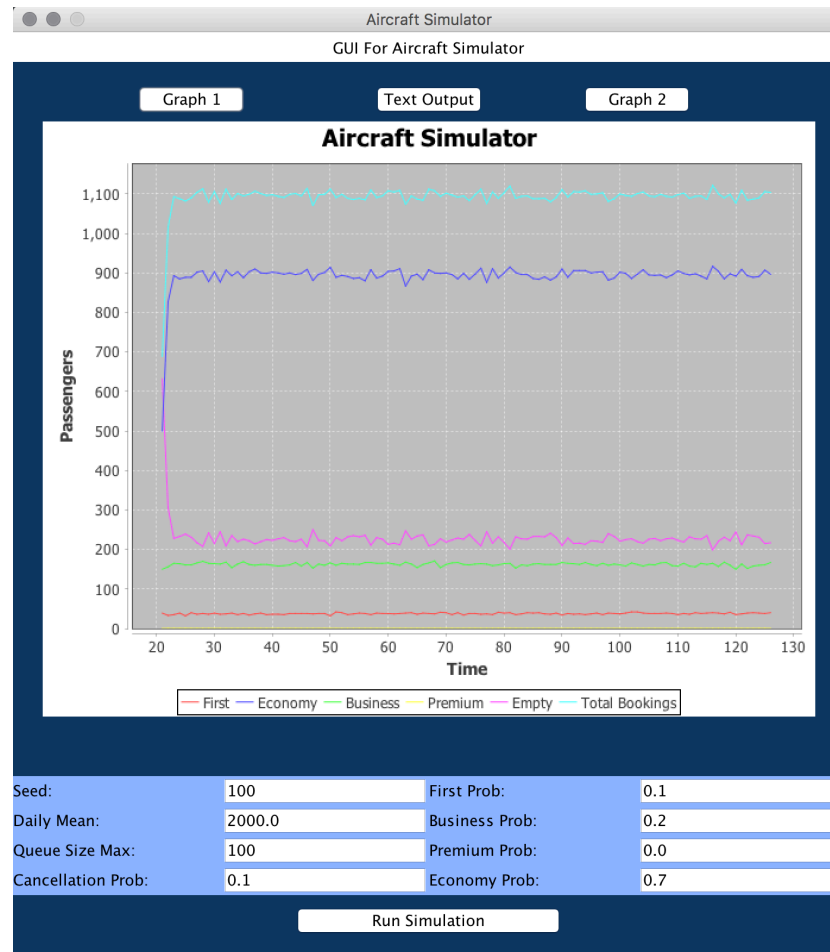
- Choose values
- Run the simulation
- Select a data viewing option

You can also rerun the simulation with different values by repeating the above steps.

Seed:	<input type="text" value="100"/>	First Prob:	<input type="text" value="0.1"/>
Daily Mean:	<input type="text" value="2000.0"/>	Business Prob:	<input type="text" value="0.2"/>
Queue Size Max:	<input type="text" value="100"/>	Premium Prob:	<input type="text" value="0.0"/>
Cancellation Prob:	<input type="text" value="0.1"/>	Economy Prob:	<input type="text" value="0.7"/>

Run Simulation

Test 4 Output Chart 1



Test 5 Input Screen Shot

The screenshot shows a window titled "Aircraft Simulator" with a subtitle "GUI For Aircraft Simulator". The main area is dark blue with white text instructions. At the bottom, there is a light blue input section with a table of parameters and a "Run Simulation" button.

The simulation output will appear here.

To start:

- Choose values
- Run the simulation
- Select a data viewing option

You can also rerun the simulation with different values by repeating the above steps.

Seed:	<input type="text" value="100"/>	First Prob:	<input type="text" value="0.1"/>
Daily Mean:	<input type="text" value="1600.0"/>	Business Prob:	<input type="text" value="0.2"/>
Queue Size Max:	<input type="text" value="50000"/>	Premium Prob:	<input type="text" value="0.1"/>
Cancellation Prob:	<input type="text" value="0.1"/>	Economy Prob:	<input type="text" value="0.6"/>

Test 5 Output Chart 2

