

# CAB302 Assignment 2

## GUI Test Plan

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# Test 1 Input Screen Shot 1

**Aircraft Booking Simulator**

Progress Log | Progress Chart | Summary Chart

**Simulation**

RNG Seed	100
Daily Mean	1300.0
Queue Size	500
Cancellation	0.1

**Fare Classes**

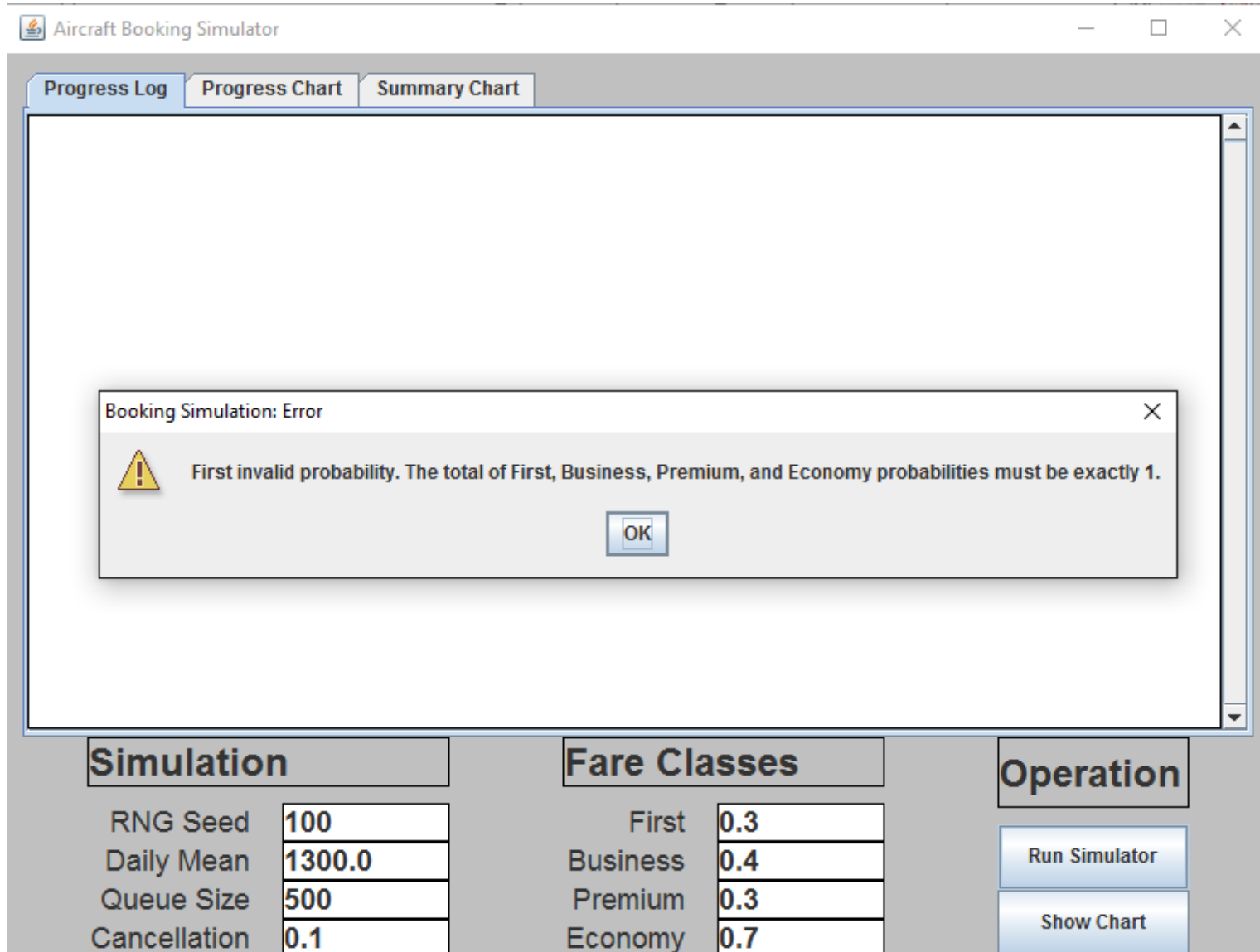
First	0.3
Business	0.4
Premium	0.3
Economy	0.7

**Operation**

Run Simulator

Show Chart

# Test 1 Error Screen Shot 1



# Test 1 Input Screen Shot 2

Aircraft Booking Simulator

Progress Log Progress Chart Summary Chart

Simulation

RNG Seed	100
Daily Mean	-500.0
Queue Size	500
Cancellation	0.1

Fare Classes

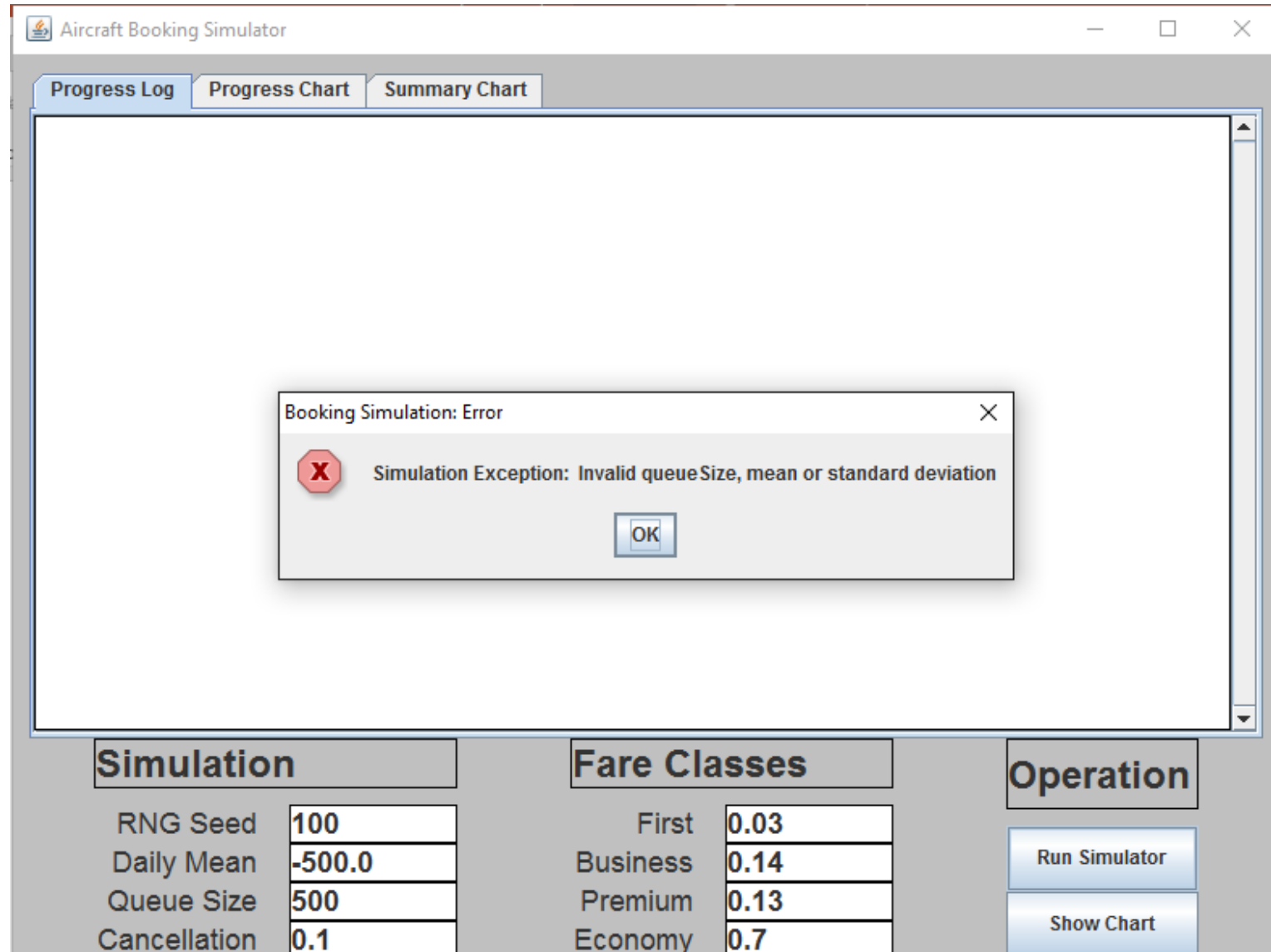
First	0.03
Business	0.14
Premium	0.13
Economy	0.7

Operation

Run Simulator

Show Chart

# Test 1 Error Screen Shot 2



# Test 2 Input Screen Shot

Aircraft Booking Simulator

Progress Log Progress Chart Summary Chart

Simulation

RNG Seed	100
Daily Mean	1300
Queue Size	0
Cancellation	1.0

Fare Classes

First	0.03
Business	0.14
Premium	0.13
Economy	0.7

Operation

Run Simulator

Show Chart

# Test 2 Output Screen Shot

Aircraft Booking Simulator

Progress Log Progress Chart Summary Chart

```
111:874:F0:J0:P0:Y0:T0:E1321:Q0:R119700
112:1639:F0:J0:P0:Y0:T0:E1321:Q0:R122475
113:1831:F0:J0:P0:Y0:T0:E1321:Q0:R125581
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

20160531_223344: End of Simulation
Final Totals: [F0:J0:P0:Y0:T0:E140026:R160340]
```

Simulation		Fare Classes		Operation
RNG Seed	100	First	0.03	Run Simulator Show Chart
Daily Mean	1300	Business	0.14	
Queue Size	0	Premium	0.13	
Cancellation	1.0	Economy	0.7	

# Test 3 Test Data

Simulator [meanDailyBookings=1300.0, sdDailyBookings=429.0, seed=100, firstProb=0.00, businessProb=0.00, premiumProb=0.00, economyProb=1.0, maxQueueSize=500, cancellationProb=0.1]

## Next Slide



# Test 3 Input Screen Shot

Aircraft Booking Simulator

Progress Log Progress Chart Summary Chart

Simulation

RNG Seed	100
Daily Mean	1300.0
Queue Size	500
Cancellation	0.1

Fare Classes


First	0.0
Business	0.0
Premium	0.0
Economy	1.0

Operation

Run Simulator

Show Chart

# Test 3 Output Screen Shot

 Aircraft Booking Simulator— □ ×

Progress LogProgress ChartSummary Chart

111:300:F0:J0:P102:Y793:T895:E426:Q0:R38309  
112:1206:F0:J0:P102:Y783:T885:E436:Q0:R39611  
113:1072:F0:J0:P102:Y803:T905:E416:Q0:R40787  
114:1028:F0:J0:P102:Y782:T884:E437:Q0:R41906  
115:1555:F0:J0:P102:Y805:T907:E414:Q0:R43567  
116:1268:F0:J0:P102:Y790:T892:E429:Q0:R44922  
117:1162:F0:J0:P102:Y794:T896:E425:Q0:R46187  
118:1970:F0:J0:P102:Y803:T905:E416:Q0:R48250  
119:1012:F0:J0:P102:Y795:T897:E424:Q0:R49350  
120:996:F0:J0:P102:Y786:T888:E433:Q12:R50444  
121:1054:F0:J0:P102:Y800:T902:E419:Q100:R51603  
122:1553:F0:J0:P102:Y790:T892:E429:Q211:R53248  
123:1180:F0:J0:P102:Y785:T887:E434:Q314:R54533  
124:1590:F0:J0:P102:Y786:T888:E433:Q486:R56233  
125:1549:F0:J0:P102:Y809:T911:E410:Q500:R57890  
126:1630:F0:J0:P102:Y804:T906:E415:Q500:R59606  
  
20160531\_231007: End of Simulation  
Final Totals: [F0:J0:P10780:Y83842:T94622:E45404:R60197]

Simulation		Fare Classes		Operation
RNG Seed	100	First	0.0	<div>Run Simulator</div> <div>Show Chart</div>
Daily Mean	1300.0	Business	0.0	
Queue Size	500	Premium	0.0	
Cancellation	0.1	Economy	1.0	

# Test 4 Input Screen Shot

Aircraft Booking Simulator

Progress Log Progress Chart Summary Chart

Simulation

RNG Seed	100
Daily Mean	2000.0
Queue Size	1000
Cancellation	0.1

Fare Classes

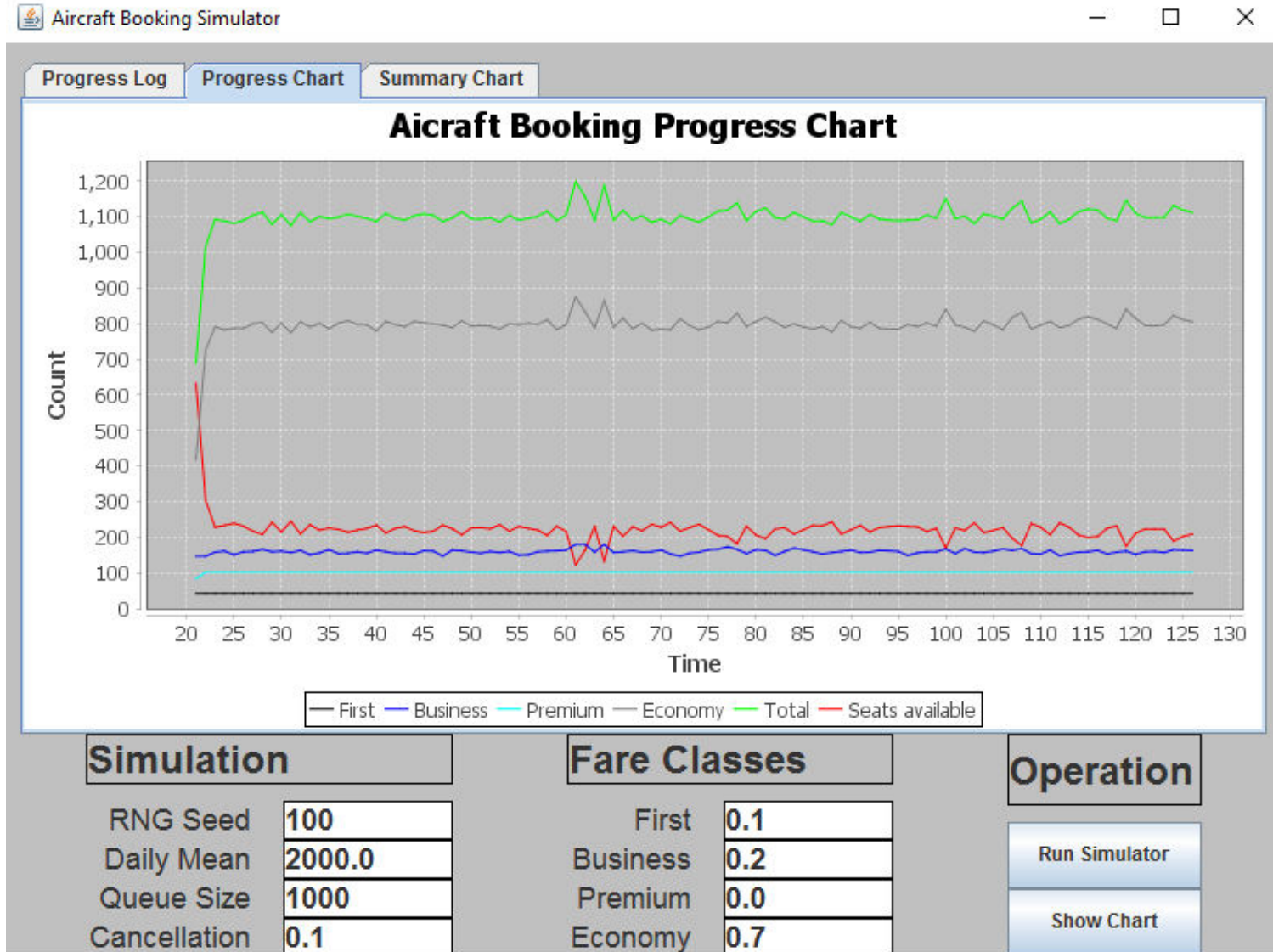
First	0.1
Business	0.2
Premium	0.0
Economy	0.7

Operation

Run Simulator

Show Chart

# Test 4 Output Chart 1



# Test 5 Input Screen Shot

Aircraft Booking Simulator

Progress Log Progress Chart Summary Chart

Simulation

RNG Seed	100
Daily Mean	1600.0
Queue Size	50000
Cancellation	0.1

Fare Classes

First	0.1
Business	0.2
Premium	0.1
Economy	0.6

Operation

Run Simulator

Show Chart

# Test 5 Output Chart 2

