

Project 1 Flight Reservations Black Box Test Plan

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Introduction

Provide a brief overview of your black box test plan. Describe how you would start your application. Black box plan will test robustness of Flight Reservations program. There are multiple ways to start the program. Option 1 use command-line argument or option 2 through a file chooser.

Option 1, In terminal line enter: `javac FlightReservationGUI.java java FlightReservationGUI unknown_plane.txt`

Option 2, run `FlightReservationGUI.java`: Open `FlightReservationGUI.java` Select `unkown_plane.txt` from file selector

Test ID	Description	Seat Map:	Actual Results
Add Reservation 1	Preconditions: Open program and file from either option 1 or option 2 Description: Enter Name: Zerk, Amanda Ticket: First class Seat Preference: Window Click Add Reservation	Seat Map: 1A changes from yellow to green Reservations List: First Class 1A Zerk, Amanda	Seat Map: 1A changes from yellow to green Reservations List: First Class 1A Zerk, Amanda
Add Blank Reservation	Preconditions: Completed previous test Description: Enter Name: <do not enter anything> Ticket: First class Seat Preference: Window Click Add Reservation	Error: Warning Passenger name cannot be blank	Error: Warning Passenger name cannot be blank
Add Reservation 2	Preconditions: Completed previous test Description: Enter Name: Beckman, Zandra Ticket: First class Seat Preference: Window Click Add Reservation	Seat Map: 1D changes from yellow to green Reservations List: First Class 1D Beckman, Zandra First Class 1A Zerk, Amanda	Seat Map: 1D changes from yellow to green Reservations List: First Class 1D Beckman, Zandra First Class 1A Zerk, Amanda

Add Reservation 3	Preconditions: Completed previous test Description: Enter Name: Holiday, Harry Ticket: First class Seat Preference: Window Click Add Reservation	Seat Map: 1B changes from yellow to green Reservations List: First Class 1D Beckman, Zandra First Class 1B Holiday, Harry First Class 1A Zerk, Amanda	Seat Map: 1B changes from yellow to green Reservations List: First Class 1D Beckman, Zandra First Class 1B Holiday, Harry First Class 1A Zerk, Amanda
Add Reservation 4	Preconditions: Completed previous test Description: Enter Name: Allan, Jerry Ticket: First class Seat Preference: Window Click Add Reservation	Seat Map: 1C changes from yellow to green Reservations List: First Class 1D Allan, Jerry First Class 1C Beckman, Zandra First Class 1B Holiday, Harry First Class 1A Zerk, Amanda	Seat Map: 1C changes from yellow to green Reservations List: First Class 1D Allan, Jerry First Class 1C Beckman, Zandra First Class 1B Holiday, Harry First Class 1A Zerk, Amanda
Add Reservation 5	Preconditions: Completed previous test Description: Enter Name: Key, Berry Ticket: First class Seat Preference: Window Click Add Reservation	Seat Map: 2A changes from yellow to green Reservations List: First Class 1D Beckman, Zandra Business Class 2A Berry Key First Class 1B Holiday,	Seat Map: 2A changes from yellow to green Reservations List: First Class 1D Beckman, Zandra Business Class 2A Berry Key First Class 1B Holiday,

		<p>Harry</p> <p>Business 2A Key, Berry</p> <p>First Class 1A Zerk, Amanda</p>	<p>Harry</p> <p>Business 2A Key, Berry</p> <p>First Class 1A Zerk, Amanda</p>
<p>Delete Reservation 1</p>	<p>Preconditions: Completed previous test</p> <p>Description:</p> <p>Select Business 2A Key, Berry Click Delete Selected Reservation</p>	<p>Seat Map:</p> <p>2A changes from green to yellow</p> <p>Reservations List:</p> <p>First Class 1D Allan, Jerry First Class 1C Beckman, Zandra</p> <p>First Class 1B Holiday, Harry</p> <p>First Class 1A Zerk, Amanda</p>	<p>Seat Map:</p> <p>2A changes from green to yellow</p> <p>Reservations List:</p> <p>First Class 1D Allan, Jerry First Class 1C Beckman, Zandra</p> <p>First Class 1B Holiday, Harry</p> <p>First Class 1A Zerk, Amanda</p>
<p>Add Reservation 5</p>	<p>Preconditions: Completed previous test</p> <p>Description:</p> <p>Enter Name: Bush, John</p> <p>Ticket: Coach Seat Preference: Window Click Add Reservation</p>	<p>Seat Map:</p> <p>3A changes from green to yellow</p> <p>Reservations List:</p> <p>First Class 1D Allan, Jerry First Class 1C Beckman, Zandra</p> <p>Coach 3A Bush, John</p> <p>First Class 1B Holiday, Harry</p> <p>First Class 1A Zerk, Amanda</p>	<p>Seat Map:</p> <p>3A changes from green to yellow</p> <p>Reservations List:</p> <p>First Class 1D Allan, Jerry First Class 1C Beckman, Zandra</p> <p>Coach 3A Bush, John</p> <p>First Class 1B Holiday, Harry</p> <p>First Class 1A Zerk, Amanda</p>
<p>Add Reservation 6</p>	<p>Preconditions: Completed previous test</p> <p>Description:</p>	<p>Seat Map:</p> <p>3D changes from green to yellow</p>	<p>Seat Map:</p> <p>3D changes from green to yellow</p>

	Enter Name: Wonder, Wanda Ticket: Coach Seat Preference: Window Click Add Reservation	Reservations List: First Class 1D Allan, Jerry First Class 1C Beckman, Zandra Coach 3A Bush, John First Class 1B Holiday, Harry Coach 3D Wonder, Wanda First Class 1A Zerk, Amanda	Reservations List: First Class 1D Allan, Jerry First Class 1C Beckman, Zandra Coach 3A Bush, John First Class 1B Holiday, Harry Coach 3D Wonder, Wanda First Class 1A Zerk, Amanda

Document Revision History

Date	Author	Change Description
2/23/2016	Bryan LeBlanc	<ul style="list-style-type: none"> Added Additional test for economy/ coach seats. Increase robustness