

EXERCISES

FLIGHT RESERVATION TEST CASES

Application Path: Start -> Programs -> QuickTest Professional -> Sample Applications -> Flight

Database Type: Microsoft Access

Database Location: C:\Program Files\Mercury Interactive\QuickTest Professional\samples\flight\app\flight32.mdb

DataSource Name: QT_Flight_32

Please create all the tests listed in this document.

Test Name:

Verify Launch

Purpose:

Ensure that users can log into the application.

Step	User Action	Expected Result
1	Launch the AUT	The Login screen appears
2	Type in tester1 as the username and mercury as the	

	password	
3	Click the OK button	Main window displays within 20 seconds
4	Close the AUT	

Valid Test Data:

User Name: tester1

Password: mercury

Test Name:

Verify Legal

Purpose:

Ensure that the correct AUT version and copyright information exists.

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Step	User Action	Expected Result
1	Launch the AUT and login	Main window is displayed.
2	Open the About dialog by clicking Help->About	a. AUT version is 4.0 b. Copyright year is 2002
3	Close the dialog by clicking the Ok button	
4	Close the AUT	

Valid Test Data:

User Name: tester1

Password: mercury

Test Name:

Toolbar Windows

Purpose:

Ensure that all the windows/dialogs opened from the toolbars can be launched correctly.

Step	User Action	Expected Result
1	Launch the AUT and login	
2	Click the Open Order toolbar button	Open Order dialog is displayed
3	Close the Open Order dialog by clicking Cancel	
4	Click the Graph toolbar button	Graph dialog is displayed
5	Close the Graph dialog	
6	Click the Report toolbar button	Report window is displayed
7	Close the Report dialog	
8	Close the Help dialog	Help window is displayed
9	Close the Help dialog	
10	Close the AUT	

Valid Test Data:

N/A

Test Name:

Book Flight

Purpose:

Ensure that flights can be booked using the AUT.

Step	User Action	Expected Result
1	Launch the AUT and login	
2	Type in the	

	following Date of Flight: 02/15/09 Fly From: Denver Fly To: Portland	
3	Click the Flights button	Flight dialog appears
4	Select the second flight from the list	
5	Click the OK button	a. The Flight No field holds a value b. The Flight No. field is readonly
6	Enter the following: Name: Customer 1 Class: First Tickets: 3	The price in the Total textbox is 3 times the price in the Price textbox.
7	Click the Insert Order button	Order No textbox is populated
8	Close the AUT	

Test Name:

 Edit Flight

Purpose:

 Ensure that existing flights can be edited using the AUT.

Pre-Condition:

 A flight has been booked for a customer named **Customer 1**

Step	User Action	Expected Result
1	Launch the AUT and login	
2	Open the Open Order dialog by clicking on Flight -> Open Order	a. Open Order dialog appears b. OK button is disabled
3	Check the Customer	Ok button is enabled

	Name checkbox and type in Customer in the field	
4	Click the OK button	Search dialog appears with at least one record found
5	Select the first entry in the list and click the OK button.	a. Search dialog closes b. Open Order dialog Closes c. Flight Number field in the main window is populated with the selected Customer info
6	Add 1 to the number of tickets in the Tickets textbox	The price in the Total textbox is calculated properly
7	Click the Update Order button	The Insert Order progress bar displays Insert Done...
8	Close the AUT	

Valid Test Data:
N/A

Test Name:
Verify Reports

Purpose:
Verify that the correct customer data is shown in the reports.

Pre-Condition:
A flight has been booked for a customer named **Customer 1**

Step	User Action	Expected Result
1	Launch the AUT and	

	login	
2	Search for a flight for Customer 1	Customer info is populated in the main page
3	Open the report tool by clicking Analysis -> Reports	a. Reports field appears b. Ensure that the Tickets, Price, Total, Order No. and Date fields from the report match the details in the main page for Customer 1
4	Close the Report tool	
5	Close the AUT	

Valid Test Data:
N/A

Test Name:
Verify DB Data

Purpose:
Ensure that the contents of the Orders table in the database is showing up correctly in the reports.

Step	User Action	Expected Result
1	Launch the AUT and login	
2	Open the report tool by clicking Analysis -> Reports	a. Reports field appears b. Ensure that the contents of the report matches the contents of the ORDERS table in the database

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- 3 Close the Report
tool
 - 4 Close the AUT
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