

Test #	Test Focus	Test Description	Pre and Post Conditions	Test Steps	Test Data	Expected Result	Actual Result	Test Result
1	User Selection	Check if <i>User Selection</i> functions correctly	–	1. Run the application 2. Select the <i>User Account</i> type 3. Click <i>Continue</i> button	1. User Account = " <i>Passenger</i> " 2. User Account = " <i>Admin</i> "	1. Enter an <i>Passenger Home</i> page 2. Enter <i>Admin Login</i> page	1. Enter an <i>Information Viewing</i> page 2. Enter <i>Admin Login</i> page	1. ✓ 2. ✓
2	Admin Login Functionality	Check if <i>Login Functionality</i> works correctly	–	1. Run the application 2. Select User Account type = " <i>Admin</i> " 3. Click <i>Continue</i> button 4. Enter " <i>Admin Username</i> " 5. Enter " <i>Admin Password</i> " 6. Click on <i>Login</i> button	1. Username = ✓, Password = ✓ 2. Username = ✓, Password = ✗ 3. Username = ✗, Password = ✓ 4. Username = ✗, Password = ✗	1. <i>Login</i> to Admin access 2. <i>No-Login</i> to Admin access 3. <i>No-Login</i> to Admin access 4. <i>No-Login</i> to Admin access	1. <i>Login</i> to Admin access 2. <i>No-Login</i> to Admin access 3. <i>No-Login</i> to Admin access 4. <i>No-Login</i> to Admin access	1. ✓ 2. ✓ 3. ✓ 4. ✓
3	Login "Reset" Functionality	Check if <i>Reset Button</i> in Admin Login works	–	1. Run the application 2. Select User Account type = " <i>Admin</i> " 3. Click <i>Continue</i> button 4. Enter " <i>Admin Username</i> " (optional) 5. Enter " <i>Admin Password</i> " (optional) 6. Click on <i>Reset</i> button	1. Username = ✓, Password = ✓ 2. Username = ✓, Password = – 3. Username = –, Password = ✓ 4. Username = –, Password = –	1. <i>Clear</i> both the fields 2. <i>Clear</i> Username 3. <i>Clear</i> Password 4. <i>Don't clear</i> anything	1. <i>Clear</i> both the fields 2. <i>Clear</i> Username 3. <i>Clear</i> Password 4. <i>Don't clear</i> anything	1. ✓ 2. ✓ 3. ✓ 4. ✓
4	Admin Page Functionality	Check if <i>Admin Page Option Selection</i> works	–	1. Run the application 2. Select User Account type = " <i>Admin</i> " 3. Click <i>Continue</i> button 4. Enter " <i>Admin Username</i> " (correct) 5. Enter " <i>Admin Password</i> " (correct) 6. Click on <i>Login</i> button 7. Select from <i>options</i> on Admin page 8. Enter <i>Continue</i> button	1. Selection = " <i>Passenger Information</i> " 2. Selection = " <i>Flight Information</i> " 3. Selection = " <i>Delete Passenger Information</i> "	1. Enter <i>Passengers Information</i> page 2. Enter <i>Flights Information</i> page 3. Enter <i>Passenger Deletion</i> page	1. Enter <i>Passengers Information</i> page 2. Enter <i>Flights Information</i> page 3. Enter <i>Passenger Deletion</i> page	1. ✓ 2. ✓ 3. ✓
5	Passengers Information Page Functionality	Check if Passengers Information Page retrieves correct results	Database connectivity via <i>JDBC-ODBC</i>	1. Run the application 2. Select User Account type = " <i>Admin</i> " 3. Click <i>Continue</i> button 4. Enter " <i>Admin Username</i> " (correct) 5. Enter " <i>Admin Password</i> " (correct) 6. Click on <i>Login</i> button 7. Select " <i>Passengers Information</i> " from options on Admin page 8. Click on <i>Continue</i> button	–	Same results as the ones in the <i>Airline database (Passenger)</i>	Same results as the ones in the <i>Airline database (Passenger)</i>	✓
6	Flights Information Page Functionality	Check if Flights Information Page retrieves correct results	Database connectivity via <i>JDBC-ODBC</i>	1. Run the application 2. Select User Account type = " <i>Admin</i> " 3. Click <i>Continue</i> button 4. Enter " <i>Admin Username</i> " (correct) 5. Enter " <i>Admin Password</i> " (correct) 6. Click on <i>Login</i> button 7. Select " <i>Flights Information</i> " from options on Admin page 8. Click on <i>Continue</i> button	–	Same results as the ones in the <i>Airline database (Flight)</i>	Same results as the ones in the <i>Airline database (Flight)</i>	✓
7	Delete Passenger Information Page Functionality	Check if Delete Passenger Information Page deletes right entry	Database connectivity via <i>JDBC-ODBC</i>	1. Run the application 2. Select User Account type = " <i>Admin</i> " 3. Click <i>Continue</i> button 4. Enter " <i>Admin Username</i> " (correct) 5. Enter " <i>Admin Password</i> " (correct) 6. Click on <i>Login</i> button 7. Select " <i>Delete Passenger Information</i> " from options on Admin page 8. Click on <i>Continue</i> button	–	Delete the <i>right passenger</i> based on <i>Passenger ID</i> Also reflect the same in the <i>Airline database (Passenger)</i>	Delete the <i>right passenger</i> based on <i>Passenger ID</i> Also reflect the same in the <i>Airline database (Passenger)</i>	✓
8	Admin Sub-Pages' "Continue" Functionality	Check if the <i>Continue button</i> on the sub-pages of Admin page work correctly	–	1. Run the application 2. Select User Account type = " <i>Admin</i> " 3. Click <i>Continue</i> button 4. Enter " <i>Admin Username</i> " (correct) 5. Enter " <i>Admin Password</i> " (correct) 6. Click on <i>Login</i> button 7. Select <i>any option</i> on Admin page 8. Click on <i>Continue</i> button 9. Click on <i>Continue</i> button on sub-page	–	Go back to Admin Page (<i>Admin Home</i>)	Go back to Admin Page (<i>Admin Home</i>)	✓
9	Passenger Home Page Functionality	Check if <i>Passenger Home Page Option Selection</i> works	–	1. Run the application 2. Select the <i>User Account</i> type = " <i>Passenger</i> " 3. Click <i>Continue</i> button 4. Select <i>options</i> from Passenger Home page 5. Click on <i>Continue</i> button	1. Selection = " <i>Search for Flights</i> " 2. Selection = " <i>Enter Passenger Information</i> " 3. Selection = " <i>Ticket Reservation</i> " 4. Selection = " <i>Ticket Information</i> "	1. Enter <i>Flight Information</i> page 2. Enter <i>Passenger Registration</i> page 3. Enter <i>Ticket Reservation</i> page 4. Enter <i>Ticket Information</i> page	1. Enter <i>Flight Information</i> page 2. Enter <i>Passenger Registration</i> page 3. Enter <i>Ticket Reservation</i> page 4. Enter <i>Ticket Information</i> page	1. ✓ 2. ✓ 3. ✓ 4. ✓

10	Flight Information Page Functionality	Check if <i>Flight Information Page</i> retrieves correct results	Database connectivity via <i>JDBC-ODBC</i>	<ol style="list-style-type: none"> 1. Run the application 2. Select the <i>User Account</i> type = "<i>Passenger</i>" 3. Click <i>Continue</i> button 4. Select "<i>Search for Flights</i>" from Passenger Home page 5. Click <i>Continue</i> button 	<ol style="list-style-type: none"> 1. Enter Origin Airport 2. Enter Destination Airport 3. Click <i>Find</i> button 	Same results as the one in the <i>Airline database (Flight)</i> for specified <i>Origin Airport</i> and <i>Destination Airport</i>	Same results as the one in the <i>Airline database (Flight)</i> for specified <i>Origin Airport</i> and <i>Destination Airport</i>	✓
11	Passenger Registration Page Functionality	Check if <i>Passenger Registration</i> results in a correct entry into <i>Airline</i> database	Database connectivity via <i>JDBC-ODBC</i>	<ol style="list-style-type: none"> 1. Run the application 2. Select the <i>User Account</i> type = "<i>Passenger</i>" 3. Click <i>Continue</i> button 4. Select "<i>Enter Passenger Information</i>" from Passenger Home page 5. Click <i>Continue</i> button 6. Enter <i>Passenger Information</i> 7. Click <i>Save</i> button 	Enter <i>Passenger Information</i> as required <ol style="list-style-type: none"> 1. Name = ✓, Age = ✓, Mobile = ✓ 2. Name = -, Age = ✓, Mobile = ✓ 3. Name = ✓, Age = -, Mobile = ✓ 4. Name = ✓, Age = ✓, Mobile = - 5. Name = ✓, Age = -, Mobile = - 6. Name = -, Age = ✓, Mobile = - 7. Name = -, Age = -, Mobile = ✓ 8. Name = -, Age = -, Mobile = - 	<ol style="list-style-type: none"> 1. Enter correct details into <i>Airline database (Passenger)</i> 2. Throw a <i>Warning-Error</i> 3. Throw a <i>Warning-Error</i> 4. Throw a <i>Warning-Error</i> 5. Throw a <i>Warning-Error</i> 6. Throw a <i>Warning-Error</i> 7. Throw a <i>Warning-Error</i> 8. Throw a <i>Warning-Error</i> 	<ol style="list-style-type: none"> 1. Enter correct details into <i>Airline database (Passenger)</i> 2. Throw a <i>Warning-Error</i> 3. Throw a <i>Warning-Error</i> 4. Throw a <i>Warning-Error</i> 5. Throw a <i>Warning-Error</i> 6. Throw a <i>Warning-Error</i> 7. Throw a <i>Warning-Error</i> 8. Throw a <i>Warning-Error</i> 	<ol style="list-style-type: none"> 1. ✓ 2. ✓ 3. ✓ 4. ✓ 5. ✓ 6. ✓ 7. ✓ 8. ✓
12	Ticket Reservation Page Functionality	Check if <i>Ticket Reservation</i> results in a correct entry into <i>Airline</i> database	Database connectivity via <i>JDBC-ODBC</i>	<ol style="list-style-type: none"> 1. Run the application 2. Select the <i>User Account</i> type = "<i>Passenger</i>" 3. Click <i>Continue</i> button 4. Select "<i>Ticket Reservation</i>" from Passenger Home page 5. Click <i>Continue</i> button 6. Enter <i>Reservation Information</i> 7. Click <i>Reserve Ticket</i> button 	Enter <i>Reservation Information</i> as required <ol style="list-style-type: none"> 1. Passenger ID = ✓, Flight ID = ✓, Date = ✓ 2. Passenger ID = -, Flight ID = ✓, Date = ✓ 3. Passenger ID = ✓, Flight ID = -, Date = ✓ 4. Passenger ID = ✓, Flight ID = ✓, Date = - 5. Passenger ID = ✓, Flight ID = -, Date = - 6. Passenger ID = -, Flight ID = ✓, Date = - 7. Passenger ID = -, Flight ID = -, Date = ✓ 8. Passenger ID = -, Flight ID = -, Date = - 	<ol style="list-style-type: none"> 1. Enter correct details into <i>Airline database (Ticket)</i> 2. Throw a <i>Warning-Error</i> 3. Throw a <i>Warning-Error</i> 4. Throw a <i>Warning-Error</i> 5. Throw a <i>Warning-Error</i> 6. Throw a <i>Warning-Error</i> 7. Throw a <i>Warning-Error</i> 8. Throw a <i>Warning-Error</i> 	<ol style="list-style-type: none"> 1. Enter correct details into <i>Airline database (Ticket)</i> 2. Throw a <i>Warning-Error</i> 3. Throw a <i>Warning-Error</i> 4. Throw a <i>Warning-Error</i> 5. Throw a <i>Warning-Error</i> 6. Throw a <i>Warning-Error</i> 7. Throw a <i>Warning-Error</i> 8. Throw a <i>Warning-Error</i> 	<ol style="list-style-type: none"> 1. ✓ 2. ✓ 3. ✓ 4. ✓ 5. ✓ 6. ✓ 7. ✓ 8. ✓
13	Ticket Information Page Functionality	Check if <i>Ticket Information Page</i> retrieves correct results	Database connectivity via <i>JDBC-ODBC</i>	<ol style="list-style-type: none"> 1. Run the application 2. Select the <i>User Account</i> type = "<i>Passenger</i>" 3. Click <i>Continue</i> button 4. Select "<i>Ticket Information</i>" from Passenger Home page 5. Click <i>Continue</i> button 6. Enter <i>Ticket ID (optional)</i> 7. Click <i>Find</i> button 	<ol style="list-style-type: none"> 1. Ticket ID = ✓ 2. Ticket ID = x 3. Ticket ID = - 	<ol style="list-style-type: none"> 1. Retrieve correct details from <i>Airline database (Ticket)</i> 2. Retrieve nothing 3. Throw a <i>Warning-Error</i> 	<ol style="list-style-type: none"> 1. Retrieve correct details from <i>Airline database (Ticket)</i> 2. Retrieve nothing 3. Throw a <i>Warning-Error</i> 	<ol style="list-style-type: none"> 1. ✓ 2. ✓ 3. ✓
14	Passenger Home Sub-Pages' "Continue" Functionality	Check if the <i>Continue</i> button on the sub-pages of Passenger Home page work correctly	-	<ol style="list-style-type: none"> 1. Run the application 2. Select the <i>User Account</i> type = "<i>Passenger</i>" 3. Click <i>Continue</i> button 4. Select <i>options</i> from Passenger Home page 5. Click on <i>Continue</i> button 6. Click on <i>Continue</i> button on sub-page 	-	Go back to Passenger Page (<i>Passenger Home</i>)	Go back to Passenger Page (<i>Passenger Home</i>)	✓
15	Application's "Exit" Functionality	Check if <i>Exit</i> button on all the pages of the application functions correctly	-	<ol style="list-style-type: none"> 1. Run the application 2. Click on <i>Exit</i> button on any of the pages in the application 	-	Exit the application with a <i>Thank You</i> message	Exit the application with a <i>Thank You</i> message	✓