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| **Candidate Name** | | | Dean Reid | | | | | |
| **Software Development: Object Oriented Programming: Scotia Airlines** | | | | | | | | |
| **Acceptance Test Table** | | **Class Name** | | ScotiaAirline {Main | **Class Test Number** | |  | |
| **Test Case**  **Nos.** | **Reason For Test** | **Test Item** | | **Expected Results** | | **Actual Results** | | **Comments** |
| 1 | To ensure program runs both gui and cli | Run program on windows/linux | | Windows: GUI Loads  Linux: CLI Loads | | < CLI Failed << Expected | | Didn’t finish CLI code which results in a failure |
| 2 | To ensure Flights and Seats load from DB | Run Program | | Program loads flight and seats from DB | | < Expected | |  |
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| **Candidate Name** | | | Dean Reid | | | | | |
| **Software Development: Object Oriented Programming: Scotia Airlines** | | | | | | | | |
| **Acceptance Test Table** | | **Class Name** | | UI | **Class Test Number** | |  | |
| **Test Case**  **Nos.** | **Reason for Test** | **Test Item** | | **Expected Results** | | **Actual Results** | | **Comments** |
| 1 | To ensure GUI works appropriately | Compiling and running the application | | Window displays main menu (flight admin, booking menu, view flight details, view seat details and quit) | | < Expected | |  |
| 2 | To ensure Book Flight button works | Book Flight | | Brings up Flight Booking menu | | < Expected | |  |
| 3 | To ensure Display Flight button works | Display Flight Details | | Brings up Flight Detail Panel | | Flight Details button exited program | | Resolved Flight Test button was tied to incorrect Action Handler |
| 4 | To ensure Display Seat button works | Display Seat Details | | Brings up Seat Details | | < Expected | |  |
| 5 | To ensure Flight Admin button works | Flight Admin | | Brings up Admin Panel | | < Expected | |  |
| 6 | To ensure Exit button works | Exit | | Exits Program | | GUI disappears but program still runs in memory | | Forgot to implement correct quit procedure  ‘added System.exit(0);’; |
| 7 | To ensure the database is cleaned before insert | | Clean Database | | Execute Empty DB Statement | | MySQL Exception | | Incorrect Syntax Corrected by removing \* on Statement |
| 8 | To ensure new flights and bookings are added to database | | Save Database | | Execute SavePassengersToDB | SaveSeatToDB | | Saved Passengers and Seats to DB | |  |

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| **Candidate Name** | | | Dean Reid | | | | | |
| **Software Development: Object Oriented Programming: Scotia Airlines** | | | | | | | | |
| **Acceptance Test Table** | | **Class Name** | | UI (Cont.) – Book Flight | **Class Test Number** | |  | |
| **Test Case**  **Nos.** | **Reason for Test** | **Test Item** | | **Expected Results** | | **Actual Results** | | **Comments** |
| 2. | To ensure the flight details are read from database and shown to user after pressing View Flight Details button | Click ‘View Flight Details’ then click on flight on select flight screen | | Output Popup displaying flight details | | < Expected Outcome | |  |
| 3. | To ensure to see if a free seat’s details are shown when View Seat details is pressed | Click View Seat Details, select flight DEANAIR12, enter seat number 1A. | | Output Popup displaying seat details showing seat is free | | < Expected Outcome | |  |
| 4. | To ensure to see if a reserved seat’s details are shown when View Seat details is pressed | Click View Seat, Select Flight DEANAIR12, Select Seat 1C | | Output Popup displaying seat details showing seat is reserved | | < Expected Outcome | |  |
| 5. | To ensure to see if a booked seat’s details are shown when View Seat details is pressed | Click View Seat, Select Flight DEANAIR12, Select Seat 1A | | Output Popup displaying seat details showing seat is booked | | < Expected Outcome | |  |
| 6.1 | To ensure if Cancelling a free seat displays appropriate message. | Click Booking menu, select flight DEANAIR12, Click cancel booking, enter seat number 1A | | Output Popup showing that a free seat cannot be cancelled | | < Expected Outcome | |  |
| 6.2 | To ensure if Cancelling a free seat updates the flight counters (on View Flight Details) appropriately. | View click on view flight details, select flight SA236 | | Output Popup showing flight details displayed, flight counters remain unchanged | | < Expected Outcome | |  |
| 7.1 | To ensure if Cancelling a reserved seat displays appropriate message. | Click Booking menu, select flight DEANAIR12, Click cancel booking, enter seat number 1C | | Output Popup showing that seat has been cancelled | | < Expected Outcome | |  |
| 7.2 | To ensure if Cancelling a reserved seat updates the flight counters (on View Flight Details) appropriately. | Click view flight details, select flight DEANAIR12 | | Output Popup showing updated counters | | < Expected Outcome | |  |
| 8.1 | To ensure if Cancelling a booked seat displays appropriate message. | Click Booking menu, select flight DEANAIR12, Click cancel booking, enter seat number 1A | | Output Popup showing cancellation message | | < Expected Outcome | |  |
| 8.2 | To ensure if Cancelling a booked seat updates the flight counters (on View Flight Details) appropriately. | View click on view flight details, select flight DEANAIR12 | | Output Popup showing booked seats down by 1 and takings unchanged | | < Expected Outcome | |  |
| 9.1 | To ensure if reserving a free seat as an Island Passenger displays an appropriate message. | Booking menu, select flight, make reservation, seat number 1A, name Dean click local, enter Dean Island as island click submit | | Output Popup showing seat 1A reserved by Dean | | < Expected Outcome | |  |
| 9.2 | To ensure if reserving a free seat as an Island Passenger updates the flight counters (on View Flight Details) appropriately. | View flight details, flight SA236 | | Output Popup showing reserved seats up by 1 | | < Expected Outcome | |  |
| 10.1 | To ensure if reserving a free seat as a Business Passenger displays an appropriate message. | Booking menu, select flight SA236, make reservation, seat number 1B, name Todd click business, enter Dean Inc as business click submit | | Output Popup showing seat 1B reserved by Todd | | < Expected Outcome | |  |
| 10.2 | To ensure if reserving a free seat as a Business Passenger updates the flight counters (on View Flight Details) appropriately. | View flight details, flight SA236 | | Output Popup showing reserved seats up by 1 | | < Expected Outcome | |  |
| 11.1 | To ensure if reserving a free seat as an Ordinary Passenger displays an appropriate message. | Booking menu, select flight, make reservation, seat number 1c, name Billy click Ordinary, enter N as promo click submit | | Output Popup showing seat 1c reserved by Billy | | < Expected Outcome | |  |
| 11.2 | To ensure if reserving a free seat as an Ordinary Passenger updates the flight counters (on View Flight Details) appropriately. | View flight details, flight SA236 | | Output Popup showing reserved seats up by 1 | | < Expected Outcome | |  |
| 12.1 | To ensure if booking a free seat as an Island Passenger displays an appropriate message | Booking menu, select flight SA235, make reservation, seat number 1A, name Dean click local, enter Dean Island as island click submit | | Output Popup showing seat 1A reserved by Dean | | < Expected Outcome | |  |
| 12.2 | To ensure if booking a free seat as an Island Passenger updates the flight counters (on View Flight Details) appropriately. | View flight details View flight details SA235 | | Output Popup showing booked seats up by 1 | | < Expected Outcome | |  |
| 12.3 | To ensure if booking a free seat as an Island Passenger updates the total flight takings appropriately (with the Island Passengers discount). | View flight details SA235 | | Takings up to 90 | | < Expected Outcome | |  |
| 13.1 | To ensure if booking a free seat as a Business Passenger displays an appropriate message | Booking menu, select flight SA235, make reservation, seat number 1B, name Todd click Business, enter Dean Inc as business click submit | | Output Popup showing seat 1B reserved by Todd | | < Expected Outcome | |  |
| 13.2 | To ensure if booking a free seat as a Business Passenger updates the flight counters (on View Flight Details) appropriately. | View flight details SA235 | | Output Popup showing booked seats up by 1 | | < Expected Outcome | |  |
| 13.3 | To ensure if booking a free seat as a Business Passenger updates the total flight takings appropriately (with the Island Passengers discount). | View flight details SA235 | | Takings up to 90 | | < Expected Outcome | |  |
| 14.1 | To ensure if booking a free seat as an Ordinary Passenger (no promo) displays an appropriate message | Booking menu, select flight SA235, make reservation, seat number 1C, name Billy click local, enter N as promo click submit | | Output Popup showing seat 1C reserved by Billy | | < Expected Outcome | |  |
| 14.2 | To ensure if booking a free seat as an Ordinary Passenger (no promo) updates the flight counters (on View Flight Details) appropriately. | View flight details SA235 | | Output Popup showing booked seats up by 1 | | < Expected Outcome | |  |
| 14.3 | To ensure if booking a free seat as an Ordinary Passenger updates the total flight takings appropriately (with no discount). | View flight details SA235 | | Takings up to 90 | | < Expected Outcome | |  |
| 15.1 | To ensure if booking a free seat as an Ordinary Passenger (promo included) displays an appropriate message | Seat number 1D booked by jack | | Message displaying that jack has now booked 1D | | < Expected Outcome | |  |
| 15.2 | To ensure if booking a free seat as an Ordinary Passenger (promo included) updates the flight counters (on View Flight Details) appropriately. | View flight details on flight SA235. | | Booked seats up to 4, free seats down to 9 | | < Expected Outcome | |  |
| 15.3 | To ensure if booking a free seat as an Ordinary Passenger updates the total flight takings appropriately (with promo discount). | View flight details on flight SA235. | | £95 added to total takings | | < Expected Outcome | |  |
| 16.1 | To ensure if booking a reserved seat as an Island Passenger (from Test 9) displays an appropriate message – name is different | Attempt to book seat 1A with name Todd on flight SA346 | | Display error message | | < Expected Outcome | |  |
| 16.2 | To ensure if booking a reserved seat as an Island Passenger (from Test 9) updates the flight counters (on View Flight Details) appropriately – name is different | Attempt to book seat 1A with name Todd on flight SA346 | | Reserved seats 3, booked seats 0 | | < Expected Outcome | |  |
| 16.3 | To ensure if booking a reserved seat as an Island Passenger (from Test 9) updates the total flight takings appropriately – name is different | Attempt to book seat 1A with name Todd on flight SA346 | | Flight takings 0.0 | | < Expected Outcome | |  |
| 17.1 | To ensure if booking a reserved seat as an Island Passenger (from Test 9) displays an appropriate message – name is the same | Enter seat 1A on SA346. Book as Dean | | Seat booked by Dean | | < Expected Outcome | |  |
| 17.2 | To ensure if booking a reserved seat as an Island Passenger (from Test 9) updates the flight counters (on View Flight Details) appropriately – name is the same | View flight details SA346 | | Booked Seats 1  Takings 90 | | < Expected Outcome | |  |
| 17.3 | To ensure if booking a reserved seat as an Island Passenger (from Test 9) updates the total flight takings appropriately – name is the same | View flight details SA346 | | Booked Seats 1  Takings 90 | | < Expected Outcome | |  |
| 18.1 | To ensure if booking a reserved seat as a Business Passenger (from Test 10) displays an appropriate message – name is different | Attempt to book seat 1A with name Billy on flight SA346 | | Display error message | | < Expected Outcome | |  |
| 18.2 | To ensure if booking a reserved seat as a Business Passenger (from Test 10) updates the flight counters (on View Flight Details) appropriately – name is different | View flight details SA346 | | No change | | < Expected Outcome | |  |
| 18.3 | To ensure if booking a reserved seat as a Business Passenger (from Test 10) updates the total flight takings appropriately – name is different | View flight details SA346 | | No change | | < Expected Outcome | |  |
| 19.1 | To ensure if booking a reserved seat as a Business Passenger (from Test 10) displays an appropriate message – name is the same | Enter seat 1B on SA346. Book as Todd | | Seat booked by Todd | | < Expected Outcome | |  |
| 19.2 | To ensure if booking a reserved seat as a Business Passenger (from Test 10) updates the flight counters (on View Flight Details) appropriately – name is the same | View flight details SA346 | | Booked seats 2, reserved seats down by 1 | | < Expected Outcome | |  |
| 19.3 | To ensure if booking a reserved seat as a Business Passenger (from Test 10) updates the total flight takings appropriately – name is the same | View flight details SA346 | | Takings up by £75 | | < Expected Outcome | |  |
| 20.1 | To ensure if booking a reserved seat as an Ordinary Passenger (from Test 11) displays an appropriate message – name is different | Enter seat 1C on SA346. Book as ordinary passenger named Todd | | Display error message | | < Expected Outcome | |  |
| 20.2 | To ensure if booking a reserved seat as an Ordinary Passenger (from Test 11) updates the flight counters (on View Flight Details) appropriately – name is different | View flight details SA346 | | No change | | < Expected Outcome | |  |
| 20.3 | To ensure if booking a reserved seat as an Ordinary Passenger (from Test 11) updates the total flight takings appropriately – name is different | View flight details SA346 | | No change | | < Expected Outcome | |  |
| 21.1 | To ensure if booking a reserved seat as an Ordinary Passenger (from Test 11) displays an appropriate message – name is the same | Enter seat 1C on SA346. Book as ordinary passenger named Billy | | Seat booked by Billy | | < Expected Outcome | |  |
| 21.2 | To ensure if booking a reserved seat as an Ordinary Passenger (from Test 11) updates the flight counters (on View Flight Details) appropriately – name is the same | View flight details SA346 | | Booked seats 3, reserved seats 0 | | < Expected Outcome | |  |
| 21.3 | To ensure if booking a reserved seat as an Ordinary Passenger (from Test 11) updates the total flight takings appropriately – name is the same | View flight details SA346 | | Takings up to £265 | | < Expected Outcome | |  |

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| **Candidate Name** | | | Dean Reid | | | | | |
| **Software Development: Object Oriented Programming: Scotia Airlines** | | | | | | | | |
| **Acceptance Test Table** | | **Class Name** | | Flight | Passenger | **Class Test Number** | |  | |
| **Test Case**  **Nos.** | **Reason for Test** | **Test Item** | | **Expected Results** | | **Actual Results** | | **Comments** |
| 22.1 | To ensure Adding a Flight Displays new flight in All Flights menu | View flight details, check list | | Flight DeanAir1337 displayed in list | | < Expected Outcome | |  |
| 22.2 | To ensure Adding a Flight Displays new flight data in Database | View DB flight table | | Flight DeanAir1337 added to db. | | < Expected Outcome | |  |
| 23.1 | To ensure changing flight status to Seats Available modifies the View Flight Details page view | Change flight status DeanAir1337 to seats available. View flight status DeanAir1337 | | Status is seats available | | < Expected Outcome | |  |
| 23.2 | To ensure changing flight status to Checking In modifies the View Flight Details page view | Change flight status DeanAir1337 to checking in. View flight status DeanAir1337 | | Status is checking in | | < Expected Outcome | |  |
| 23.3 | To ensure changing flight status to Boarding modifies the View Flight Details page view | Change flight status DeanAir1337 to boarding. View flight status DeanAir1337 | | Status is boarding | | < Expected Outcome | |  |
| 23.4 | To ensure changing flight status to Flight Closed modifies the View Flight Details page view | Change flight status DeanAir1337 to closed. View flight status DeanAir1337 | | Status is closed | | < Expected Outcome | |  |
| 24.1 | To ensure to make sure the Flight Details are written to the Seats Table | View DB | | Flight details in seats table | | < Expected Outcome | |  |
| 24.2 | To ensure to make sure a Reserved seat is appropriately written to the Passenger table | View DB | | Reserved seat in passenger table (SA123, 1D & 1C) | | < Expected Outcome | |  |
| 24.3 | To ensure to make sure a Booked seat is appropriately written to the Passenger table | View DB | | Booked seat in passenger table (SA235, 1A, 1B, 1C) | | < Expected Outcome | |  |