

CMPE 275

Lab 2 Report

Airline Reservation System

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1. Group Members

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2. Cloud Service

AWS (Amazon Web Services)

3. Hostname

<http://airlineresevation-springboot.us-west-1.elasticbeanstalk.com>

4. Github

<https://github.com/varun1524/AirlineReservationSystem>

5. APIs

(1) Get a passenger back as JSON

- Positive Test

URL	http://airlineresevation-springboot.us-west-1.elasticbeanstalk.com/passenger/6df2ab3a-3266-4dd0-964d-a014d026fb88
Method	GET
Return	

	<pre>1 { 2 "passenger": { 3 "firstname": "varun", 4 "gender": "male", 5 "reservations": { 6 "reservation": [7 { 8 "price": 100, 9 "reservationNumber": "7c003cd5-17df-4b88-b834-6134dca0a5c1", 10 "flights": { 11 "flight": [12 { 13 "departureTime": "2018-05-17-13", 14 "plane": { 15 "year": 1993, 16 "model": "Boeing 747", 17 "capacity": 100, 18 "manufacturer": "airbus" 19 }, 20 "price": 100, 21 "arrivalTime": "2018-05-17-17", 22 "description": "direct flight", 23 "from": "houston", 24 "to": "san jose", 25 "seatsLeft": 99, 26 "flightNumber": "135" 27 } 28] 29 } 30 } 31] 32 }, 33 "phone": "6692309310", 34 "passengerId": "6df2ab3a-3266-4dd0-964d-a014d026fb8", 35 "age": 23, 36 "lastname": "shah" 37 } 38 }</pre>
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- Negative test

URL	http://airlineresevation-springboot.us-west-1.elasticbeanstalk.com/passenger/6df2ab3a-3266-4dd0-964d-a014d026fb8
Method	GET
Return	<pre>1 { 2 "Bad Request": { 3 "msg": "Sorry, the requested passenger with id 6df2ab3a-3266-4dd0-964d-a014d026fb8 does not exist", 4 "code": 404 5 } 6 }</pre>

(2) Get a passenger back as XML

- Positive Test

URL	http://airlineresevation-springboot.us-west-1.elasticbeanstalk.com/passenger/fd60652f-11a3-41a5-ace7-89e4ea476ac8?xml=true
Method	GET
Return	<pre>1 <passenger> 2 <firstname>varun</firstname> 3 <gender>male</gender> 4 <reservations> 5 <reservation> 6 <price>100.0</price> 7 <reservationNumber>7c003cd5-17df-4b88-b834-6134dca0a5c1</reservationNumber> 8 <flights> 9 <flight> 10 <departureTime>2018-05-17-13</departureTime> 11 <plane> 12 <year>1993</year> 13 <model>Boeing 747</model> 14 <capacity>100</capacity> 15 <manufacturer>airbus</manufacturer> 16 </plane> 17 <price>100.0</price> 18 <arrivalTime>2018-05-17-17</arrivalTime> 19 <description>direct flight</description> 20 <from>houston</from> 21 <to>san jose</to> 22 <seatsLeft>99</seatsLeft> 23 <flightNumber>135</flightNumber> 24 </flight> 25 </flights> 26 </reservation> 27 </reservations> 28 <phone>6692309310</phone> 29 <passengerId>6df2ab3a-3266-4dd0-964d-a014d026fb88</passengerId> 30 <age>23</age> 31 <lastname>shah</lastname> 32 </passenger></pre>

- Negative test

URL	http://airlineresevation-springboot.us-west-1.elasticbeanstalk.com/passenger/df2ab3a-3266-4dd0-964d-a014d026fb88?xml=true
METHOD	GET

RETURN	<pre> 1 { 2 "Bad Request": { 3 "msg": "Sorry, the requested passenger with id df2ab3a-3266-4dd0-964d-a014d026fb88 does not exist" 4 "code": 404 5 } 6 } </pre>
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(3) Create a passenger

- Positive Test

URL	http://airlineresevation-springboot.us-west-1.elasticbeanstalk.com/passenger?firstname=varun&lastname=shah&age=23&gender=male&phone=9172309310
Method	POST
Return	<pre> 1 { 2 "passenger": { 3 "firstname": "varun", 4 "gender": "male", 5 "reservations": { 6 "reservation": [] 7 }, 8 "phone": "9172309310", 9 "passengerId": "9fcbd3cd-6a38-4711-b6d0-af93aa819b12", 10 "age": 23, 11 "lastname": "shah" 12 } 13 } </pre>

- Negative Test

URL	http://airlineresevation-springboot.us-west-1.elasticbeanstalk.com/passenger?firstname=varun&lastname=shah&age=23&gender=male&phone=9172309310
Method	POST
Return	<pre> 1 { 2 "Bad_Request": { 3 "msg": "Flight does not exist with flightNumber: 101", 4 "code": 400 5 } 6 } </pre>

(4) Update a passenger

- Positive Test

URL	http://airlineresevation-springboot.us-west-1.elasticbeanstalk.com/passenger/fd60652f-11a3-41a5-ace7-89e4ea476ac8?firstname=ashna&lastname=shah&age=25&gender=female&phone=4089321247
Method	PUT
Return	<pre> 1 { 2 "passengerId": "fd60652f-11a3-41a5-ace7-89e4ea476ac8", 3 "firstname": "ashna", 4 "lastname": "shah", 5 "age": 25, 6 "gender": "female", 7 "phone": "4089321247", 8 "reservations": [] 9 }</pre>

- Negative Test

URL	http://airlineresevation-springboot.us-west-1.elasticbeanstalk.com/passenger/26cc83af-9443-4ec7-8913-945d3f983f0dbhbba?firstname=ashna&lastname=shah&age=25&gender=female&phone=4352343232
Method	PUT
Return	<pre> 1 { 2 "Bad Request": { 3 "msg": "Passenger record does not exist with given passengerId: 26cc83af-9443-4ec7-8913-945d3f983f0dbhbba", 4 "code": 404 5 } 6 }</pre>

(5) Delete a passenger

- Positive Test

URL	http://airlineresevation-springboot.us-west-1.elasticbeanstalk.com/passenger/fd60652f-11a3-41a5-ace7-89e4ea476ac8
Method	DELETE
Return	<pre> 1 <Response> 2 <msg>Passenger with ID fd60652f-11a3-41a5-ace7-89e4ea476ac8 removed</msg> 3 <code>200</code> 4 </Response></pre>

- Negative Test

URL	http://airlineresevation-springboot.us-west-1.elasticbeanstalk.com/passenger/fd60652f-11a3-4176ac8
METHOD	DELETE
RETURN	<pre> 1 { 2 "Bad Request": { 3 "msg": "Failed to delete Passenger with ID fd60652f-11a3-4176ac8", 4 "code": 400 5 } 6 }</pre>

(6) Get a reservation back as JSON

- Positive Test

URL	http://localhost:8888/reservation/93ec62c8-9a08-47f7-9167-330e969ba6de
Method	GET
Return	<pre> 1 { 2 "reservationNumber": "93ec62c8-9a08-47f7-9167-330e969ba6de", 3 "price": 150, 4 "passenger": { 5 "passengerId": "26cc83af-9443-4ec7-8913-945d3f983f0d", 6 "firstname": "jinal", 7 "lastname": "shah", 8 "age": 23, 9 "gender": "male", 10 "phone": "9172343232" 11 }, 12 "flights": [13 { 14 "flightNumber": "121", 15 "price": 150, 16 "source": "Houston", 17 "destination": "San Jose", 18 "departureTime": "2018-05-16-20", 19 "arrivalTime": "2018-05-17-00", 20 "seatsLeft": 49, 21 "description": "Direct flight", 22 "plane": { 23 "capacity": 50, 24 "model": "Boeing 747", 25 "manufacturer": "airbus", 26 "year": 1993 27 } 28 } 29] 30 }</pre>

- Negative Test

URL	http://localhost:8888/reservation/93ec67-9167-330e969ba6de
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METHOD	GET
RETURN	<pre> 1 { 2 "Bad Request": { 3 "msg": "No Reservation record exist with reservation number: 93ec67-9167-330e969ba6de", 4 "code": 400 5 } 6 } </pre>

(7) Make a reservation

- Positive Test

URL	http://airlineresevation-springboot.us-west-1.elasticbeanstalk.com/reservation?passengerId=c99c980c-3eec-4fd8-87cb-be9320685a34&flightLists=100
Method	POST
Return	<pre> 1 { 2 "reservation": { 3 "passenger": { 4 "firstname": "jinal", 5 "gender": "male", 6 "phone": "6572306757", 7 "passengerId": "c99c980c-3eec-4fd8-87cb-be9320685a34", 8 "age": 23, 9 "lastname": "shah" 10 }, 11 "price": 100, 12 "reservationNumber": "53215eb5-177d-4468-9428-c8222bc9efc4", 13 "flights": { 14 "flight": [15 { 16 "departureTime": "2018-05-17-13", 17 "plane": { 18 "year": 1993, 19 "model": "Boeing 747", 20 "capacity": 250, 21 "manufacturer": "airbus" 22 }, 23 "price": 100, 24 "arrivalTime": "2018-05-17-17", 25 "description": "direct flight", 26 "from": "houston", 27 "to": "san jose", 28 "seatsLeft": 249, 29 "flightNumber": "100" 30 } 31] 32 } 33 } 34 } </pre>

- Negative Test

URL	http://airlineresevation-springboot.us-west-1.elasticbeanstalk.com/reservation?passengerId=c93eec-4fd8-87cb-be9320685a34&flightLists=100
Method	POST
Return	<pre> 1 { 2 "Bad Request": { 3 "msg": "Failed to make reservation for Flight", 4 "code": 404 5 } 6 }</pre>

(8) Update a reservation

- Positive Test

URL	http://airlineresevation-springboot.us-west-1.elasticbeanstalk.com/reservation/53215eb5-177d-4468-9428-c8222bc9efc4?flightsAdded=101&flightsRemoved=100
Method	POST
Return	<pre> 1 { 2 "reservationNumber": "53215eb5-177d-4468-9428-c8222bc9efc4", 3 "price": 100, 4 "passenger": { 5 "passengerId": "c99c980c-3eec-4fd8-87cb-be9320685a34", 6 "firstname": "jinal", 7 "lastname": "shah", 8 "age": 23, 9 "gender": "male", 10 "phone": "6572306757" 11 }, 12 "flights": [13 { 14 "flightNumber": "100", 15 "price": 100, 16 "source": "houston", 17 "destination": "san jose", 18 "departureTime": "2018-05-17-13", 19 "arrivalTime": "2018-05-17-17", 20 "seatsLeft": 249, 21 "description": "direct flight", 22 "plane": { 23 "capacity": 250, 24 "model": "Boeing 747", 25 "manufacturer": "airbus", 26 "year": 1993 27 } 28 } 29] 30 }</pre>

- Negative test

URL	http://airlineresevation-springboot.us-west-1.elasticbeanstalk.com/reservation/53215eb5-177d-4468222bc9efc4?flightsAdded=101&flightsRemoved=100
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Method	POST
Return	<pre> 1 { 2 "Bad Request": { 3 "msg": "No Reservation record exist with reservation number: 53215eb5-177d-4468222bc9efc4", 4 "code": 400 5 } 6 } </pre>

(9) Search for reservations

- Positive Test

URL	http://airlineresevation-springboot.us-west-1.elasticbeanstalk.com/reservation?passengerId=c99c980c-3eec-4fd8-87cb-be9320685a34&flightNumber=100
Method	GET
Return	<pre> 1 { 2 "reservationNumber": "53215eb5-177d-4468-9428-c8222bc9efc4", 3 "price": 100, 4 "passenger": { 5 "passengerId": "c99c980c-3eec-4fd8-87cb-be9320685a34", 6 "firstname": "jinal", 7 "lastname": "shah", 8 "age": 23, 9 "gender": "male", 10 "phone": "6572306757" 11 }, 12 "flights": [13 { 14 "flightNumber": "100", 15 "price": 100, 16 "source": "houston", 17 "destination": "san jose", 18 "departureTime": "2018-05-17-13", 19 "arrivalTime": "2018-05-17-17", 20 "seatsLeft": 249, 21 "description": "direct flight", 22 "plane": { 23 "capacity": 250, 24 "model": "Boeing 747", 25 "manufacturer": "airbus", 26 "year": 1993 27 } 28 } 29] 30 } </pre>

- Negative Test

URL	http://airlineresevation-springboot.us-west-1.elasticbeanstalk.com/reservation?passengerId=c99c980c-3eec-4fd8-87cb-be9320685a34&flightNumber=100
Method	GET

Return	<pre> 1 { 2 "Bad_Request": { 3 "msg": "No Reservations available for given input", 4 "code": 404 5 } 6 }</pre>
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(10) Cancel a reservation

- Positive Test

URL	http://airlineresevation-springboot.us-west-1.elasticbeanstalk.com/reservation/93ec62c8-9a08-47f7-9167-330e969ba6de
Method	DELETE
Return	<pre> 1 <Response> 2 <msg>Reservation Cancelled for reservation number: 925f7600-3823-46c3-b221-28112165b5d5</msg> 3 <code>200</code> 4 </Response></pre>

- Negative Test

URL	http://airlineresevation-springboot.us-west-1.elasticbeanstalk.com/reservation/93ec62c8-9a08-47f7-9167-330e969ba6de
Method	DELETE
Return	<pre> 1 { 2 "Bad Request": { 3 "msg": "Reservation does not exist with reservation number: 93ec62c8-9a08-47f7-9167-330e969ba6de", 4 "code": 400 5 } 6 }</pre>

(11) Get a flight back as JSON

- Positive Test

URL	http://airlineresevation-springboot.us-west-1.elasticbeanstalk.com/flight/100
Method	GET

Return	<pre> 1 { 2 "flight": { 3 "departureTime": "2018-05-17-13", 4 "plane": { 5 "year": 1993, 6 "model": "Boeing 747", 7 "capacity": 250, 8 "manufacturer": "airbus" 9 }, 10 "passengers": { 11 "passenger": [] 12 }, 13 "price": 100, 14 "arrivalTime": "2018-05-17-17", 15 "description": "direct flight", 16 "from": "houston", 17 "to": "san jose", 18 "seatsLeft": 250, 19 "flightNumber": "100" 20 } 21 }</pre>
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- Negative Test

URL	http://airlineresevation-springboot.us-west-1.elasticbeanstalk.com/flight/1000
Method	GET
Return	<pre> 1 { 2 "Bad Request": { 3 "msg": "Flight doesn not exist with number 1000", 4 "code": 404 5 } 6 }</pre>

(12) Get a flight back as XML

- Positive Test

URL	http://airlineresevation-springboot.us-west-1.elasticbeanstalk.com/flight/100?xml=true
Method	GET

Return	<pre> 1 <flight> 2 <departureTime>2018-05-16 13:00:00.0</departureTime> 3 <plane> 4 <year>1993</year> 5 <model>Boeing 747</model> 6 <capacity>50</capacity> 7 <manufacturer>airbus</manufacturer> 8 </plane> 9 <passengers></passengers> 10 <price>150.0</price> 11 <arrivalTime>2018-05-16 17:00:00.0</arrivalTime> 12 <description>Direct flight</description> 13 <from>Houston</from> 14 <to>San Jose</to> 15 <seatsLeft>50</seatsLeft> 16 <flightNumber>108</flightNumber> 17 </flight> </pre>
--------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

- Negative Test

URL	http://airlineresevation-springboot.us-west-1.elasticbeanstalk.com/flight/101?xml=true
Method	GET
Return	<pre> 1 { 2 "Bad Request": { 3 "msg": "Flight doesn not exist with number 101", 4 "code": 404 5 } 6 } </pre>

(13) Create or update a flight

- Positive Test

URL	http://airlineresevation-springboot.us-west-1.elasticbeanstalk.com/flight/100?price=100&from=Houston&to=San%20Jose&departureTime=2018-05-17-13&arrivalTime=2018-05-17-17&description=Direct%20flight&capacity=250&model=Boeing%20747&manufacturer=airbus&year=1993
Method	POST

Return	<pre> 1 { 2 "flightNumber": "100", 3 "price": 100, 4 "source": "houston", 5 "destination": "san jose", 6 "departureTime": "2018-05-17-13", 7 "arrivalTime": "2018-05-17-17", 8 "seatsLeft": 250, 9 "description": "direct flight", 10 "plane": { 11 "capacity": 250, 12 "model": "Boeing 747", 13 "manufacturer": "airbus", 14 "year": 1993 15 }, 16 "passengers": null 17 }</pre>
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- Negative Test

URL	http://airlineresevation-springboot.us-west-1.elasticbeanstalk.com/flight/100?price=100&from=Houston&to=San%20Jose&departureTime=2018-05-17-13&arrivalTime=2018-05-17-17&description=Direct%20flight&capacity=0&model=Boeing%20747&manufacturer=airbus&year=1993
Method	POST
Return	<pre> 1 { 2 "Bad Request": { 3 "msg": "Flight capacity less than already booked tickets ", 4 "code": 400 5 } 6 }</pre>

(14) Delete a flight

- Positive Test

URL	http://airlineresevation-springboot.us-west-1.elasticbeanstalk.com/flight/101
Method	DELETE
Return	<pre> 1 <Response> 2 <msg>Flight with number 101 is deleted successfully</msg> 3 <code>200</code> 4 </Response></pre>

- Negative Test

URL	http://airlineresevation-springboot.us-west-1.elasticbeanstalk.com/flight/101
Method	DELETE
Return	<pre> 1 { 2 "Bad_Request": { 3 "msg": "Flight does not exist with flightNumber: 101", 4 "code": 400 5 } 6 } </pre>

6. Unit Tests

1) Passenger

The screenshot shows the IDE with the following components:

- Project Structure:**
 - src
 - test
 - edu.sjsu.cmpe275.lab2
 - FlightControllerTest
 - PassengerControllerTest
 - ReservationControllerTest
 - Lab2ApplicationTests
- Code Editor:** FlightControllerTest.java

```

32  /**
33   * @Test
34   * public void stage1_createFlight() throws UnirestException {
35   *     HttpResponse<JsonNode> jsonResponse = Unirest.post( url: "http://localhost:8080/flight/131?price=150&from=Houston"
36   *     .header( name: "accept", value: "application/json")
37   *     .queryString( name: "apiKey", value: "131")
38   *     .asJson()
39   *     );
40   *     Assert.assertEquals(HttpStatus.OK.value(), jsonResponse.getStatus());
41   * }
42   *
43   * /**
44   * * Tests existence of flight in database
45   * * @throws UnirestException Exception in UnitTest
46   * *
47   * @Test
48   * public void stage2_fetchFlight_pos() throws UnirestException {
49   *     HttpResponse<String> jsonResponse = Unirest.get("http://localhost:8080/flight/131").asObject(String.class);
50   *     Assert.assertEquals(HttpStatus.OK.value(), jsonResponse.getStatus());
51   * }
52   *
53   * /**
54   * * Tests deleting a flight in database
55   * * @throws UnirestException Exception in UnitTest
56   * *
57   *
58   */

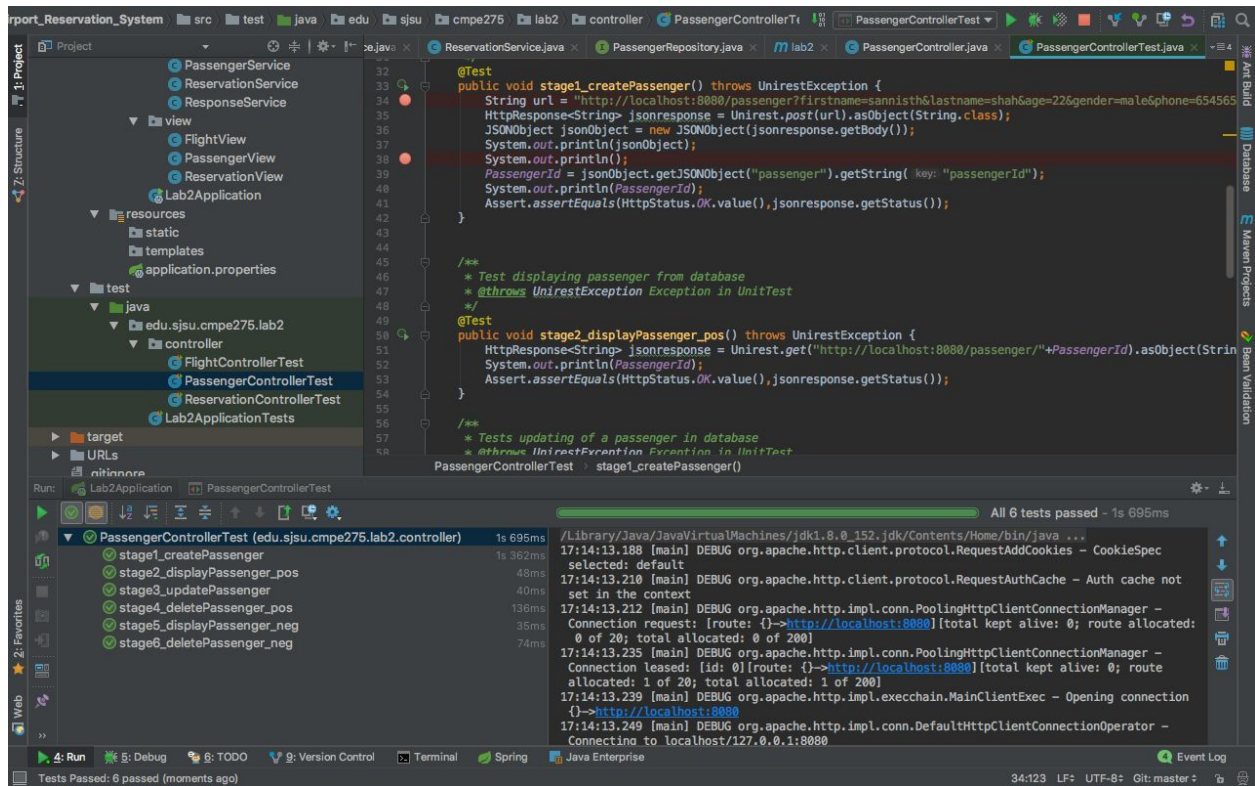
```
- Run Console:**

```

All 5 tests passed - 2s 574ms
17:13:58.540 [main] DEBUG org.apache.http.client.protocol.RequestAddCookies - CookieSpec selected: default
17:13:58.563 [main] DEBUG org.apache.http.client.protocol.RequestAuthCache - Auth cache not set in the context
17:13:58.565 [main] DEBUG org.apache.http.impl.conn.PoolingHttpClientConnectionManager - Connection request: [route: {}->http://localhost:8080] [total kept alive: 0; route allocated: 0 of 20; total allocated: 0 of 200]
17:13:58.585 [main] DEBUG org.apache.http.impl.conn.PoolingHttpClientConnectionManager - Connection leased: [id: 0] [route: {}->http://localhost:8080] [total kept alive: 0; route allocated: 1 of 20; total allocated: 1 of 200]
17:13:58.588 [main] DEBUG org.apache.http.impl.execchain.MainClientExec - Opening connection {}->http://localhost:8080
17:13:58.599 [main] DEBUG org.apache.http.impl.conn.DefaultHttpClientConnectionOperator - Connecting to localhost/127.0.0.1:8080

```

2) Flight



3) Reservation

Reservation_System src test java edu sjsu cmpe275 lab2 controller ReservationControllerTest ReservationControllerTest PassengerRepository.java lab2 PassengerControllerTest PassengerControllerTest

Project

- PassengerService
- ReservationService
- ResponseService
- view
 - FlightView
 - PassengerView
 - ReservationView
- resources
 - static
 - templates
 - application.properties
- test
 - java
 - edu.sjsu.cmpe275.lab2
 - controller
 - FlightControllerTest
 - PassengerControllerTest
 - ReservationControllerTest
 - target
 - URLs

Run: Lab2Application ReservationControllerTest

ReservationControllerTest

```
31 //
32 @Test
33 public void stage1_makeReservation() throws UnirestException {
34     String url = "http://localhost:8080/reservation?passengerId="+ passengerId + "&flightLists=108";
35     HttpResponse<String> jsonResponse = Unirest.post(url).asObject(String.class);
36     JSONObject jsonObject = new JSONObject(jsonResponse.getBody());
37     if(jsonObject.has( key: "reservation")){
38         reservationId = jsonObject.getJSONObject("reservation").getString( key: "reservationNumber");
39     }
40     Assert.assertEquals(HttpStatus.OK.value(), jsonResponse.getStatus());
41 }
42
43 /**
44  * Testing of Make Reservation Negative
45  * @throws UnirestException Exception in UnitTest
46  */
47 @Test
48 public void stage2_makeReservation_neg() throws UnirestException {
49     String url = "http://localhost:8080/reservation?passengerId="+ passengerId + "&flightLists=108";
50     HttpResponse<String> jsonResponse = Unirest.post(url).asObject(String.class);
51     Assert.assertEquals(HttpStatus.NOT_FOUND.value(), jsonResponse.getStatus());
52 }
53
54 /**
55  * Testing of fetch Reservation By ID Positive
56  * @throws UnirestException Exception in UnitTest
57  */
58 }
```

All 8 tests passed - 1s 996ms

ReservationControllerTest (edu.sjsu.cmpe275.lab2.controller) 1s 996ms

- stage1_makeReservation 1s 422ms
- stage2_makeReservation_neg 62ms
- stage3_fetchReservationById_pos 72ms
- stage4_searchForReservation_pos 81ms
- stage5_deleteReservation_pos 223ms
- stage6_searchForReservation_neg 60ms
- stage7_fetchReservationById_neg 21ms
- stage8_deleteReservation_neg 55ms

17:14:27.760 [main] DEBUG org.apache.http.client.protocol.RequestAddCookies - CookieSpec selected: default

17:14:27.773 [main] DEBUG org.apache.http.client.protocol.RequestAuthCache - Auth cache not set in the context

17:14:27.775 [main] DEBUG org.apache.http.impl.conn.PoolingHttpClientConnectionManager - Connection request: [route: {}->http://localhost:8080][total kept alive: 0; route allocated: 0 of 20; total allocated: 0 of 200]

17:14:27.808 [main] DEBUG org.apache.http.impl.conn.PoolingHttpClientConnectionManager - Connection leased: [id: 0][route: {}->http://localhost:8080][total kept alive: 0; route allocated: 1 of 20; total allocated: 1 of 200]

17:14:27.810 [main] DEBUG org.apache.http.impl.execchain.MainClientExec - Opening connection {}->http://localhost:8080

17:14:27.821 [main] DEBUG org.apache.http.impl.conn.DefaultHttpClientConnectionOperator - Connecting to localhost/127.0.0.1:8080

Run: 4: Run 5: Debug 6: TODO 7: Version Control 8: Terminal 9: Spring 10: Java Enterprise

Tests Passed: 8 passed (moments ago) 68 chars, 3 line breaks 11:1 UTF-8 Git: master

7. Java Docs

The screenshot shows a web browser window displaying Java documentation for a project located at `file:///Users/varunshah/Documents/Projects/Spring/Airport_Reservation_System/`. The browser's address bar and tabs are visible at the top. The page content is organized into a sidebar on the left and a main content area on the right.

Left Sidebar:

- All Classes**
 - Packages**
 - `edu.sjsu.cmpe275.lab2`
 - `edu.sjsu.cmpe275.lab2.controller`
 - `edu.sjsu.cmpe275.lab2.entity`
 - `edu.sjsu.cmpe275.lab2.repository`
 - `edu.sjsu.cmpe275.lab2.service`
 - `edu.sjsu.cmpe275.lab2.view`
 - All Classes**
 - `Flight`
 - `FlightController`
 - `FlightControllerTest`
 - `FlightRepository`
 - `FlightService`
 - `FlightView`
 - `FlightView.summary`
 - `Lab2Application`
 - `Lab2ApplicationTests`
 - `Passenger`
 - `PassengerController`
 - `PassengerControllerTest`
 - `PassengerRepository`
 - `PassengerService`
 - `PassengerView`
 - `PassengerView.summary`
 - `Plane`
 - `Reservation`
 - `ReservationController`
 - `ReservationControllerTest`
 - `ReservationRepository`
 - `ReservationService`
 - `ReservationView`
 - `ReservationView.summary`
 - `ResponseService`

Main Content Area:

The main content area displays the documentation for the `edu.sjsu.cmpe275.lab2` package. It includes a navigation bar with tabs: **OVERVIEW**, **PACKAGE**, **CLASS**, **TREE**, **DEPRECATED**, **INDEX**, and **HELP**. Below the navigation bar, there are links for **PREV**, **NEXT**, **FRAMES**, and **NO FRAMES**.

Packages

Package	Description
<code>edu.sjsu.cmpe275.lab2</code>	
<code>edu.sjsu.cmpe275.lab2.controller</code>	
<code>edu.sjsu.cmpe275.lab2.entity</code>	
<code>edu.sjsu.cmpe275.lab2.repository</code>	
<code>edu.sjsu.cmpe275.lab2.service</code>	
<code>edu.sjsu.cmpe275.lab2.view</code>	