

1) The project's source code is contained in the expedia project. The test code is located in the ExpediaTest project.

2) Booking, Car, Flight, Hotel, User.

3) The Flight class allows the user to define a flight by the arrival and departure date of that flight, as well as the miles travelled in the flight.

4) BookingTest, CarTest, FlightTest, HotelTest, UserTest.

5) TestThatUserInitializes(), TestThatUserHasZeroFrequentFlierMilesOnInit(), TestThatUserCanBookEverything(), TestThatUserHasFrequentFlierMilesAfterBooking(), TestThatUserCanBookAFlight(), TestThatUserCanBookAHotelAndACar(), TestThatUserHasCorrectNumberOfFrequentFlyerMilesAfterOneFlight().

6) AreEqual(), areNotEqual(), areNotSame().

7) areEqual: checks to see if the two objects have the same value.

areNotEqual: checks to see if the two objects have a different value.

areNotSame: checks to see if the two objects are different references.

8) areEqual checks value. areSame checks reference.

9) The unit test tests that the Hotel constructor doesn't return a null object.

10) 45 * days

11) The cases of one day, two days, and ten day stays.

12) The first test makes that assertion

13) The Hotel class throws an exception for a hotel stay with negative days

14) [ExpectedException(typeof(OutOfMemoryException))]