

Stampd

CSSE376 – Lab 3

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1. The Expedia project contains all the source code. The ExpediaTest project contains the test code.
2. The classes are car, flight, hotel, user
3. The flight class allows the user to schedule new flights. Flights must be scheduled for a future date, and be longer than 0 miles.
4. The test classes are BookingTest, CarTest, FlightTest, HotelTest, UserTest
5. The test methods are:
TestThatUserInitializes(),
TestThatUserHasZeroFrequentFlierMilesOnInit(),
TestThatUserCanBookEverything(), TestThatUserHasFrequentFlierMilesAfterBooking(),
TestThatUserCanBookAFlight(),
TestThatUserCanBookAHotelAndACar(),
TestThatUserHasCorrectNumberOfFrequentFlyerMilesAfterOneFlight().
6. AreEqual(), AreSame(), Less()
7. AreEqual will compare two classes have the same content. AreSame will return true if two objects are the same instance of the class. Less will return true if the first argument is less than the second argument.
8. See 7.
9. TestThatHotelInitializes is testing that the Hotel constructor is not returning a null pointer
10. The price is $45 * \text{numberOfNightsToRent}$
11. The added tests test the getBasePrice() method for one day, two days, and ten days.
12. The null check is already performed by the TestThatHotelInitializes test case.
13. The hotel class is supposed to throw an exception for negative stay lengths.
14. [ExpectedException(typeof(OutOfMemoryException))]