

# Team Assignment #4 - Software Tests

```
package sample.daytoursnytttsdk;

import javafx.scene.control.ListView;
import org.junit.*;

import java.time.LocalDate;
import java.util.ArrayList;

import static org.junit.Assert.*;

public class DayTourTests {

    DayTours dayToursTestCase;
    DayTour testCaseDayTour;

    @Test
    public void testDayTourObject(){
        Participant dummy = new Participant("test", "test", "test", "test", 5);
        Participant[] dummyFylki = new Participant[1];
        dummyFylki[0] = dummy;
        testCaseDayTour = new DayTour("test", "test", 5, LocalDate.now(), 5, 5000,
            "test", 5, 0, dummyFylki );
        assertNotNull(testCaseDayTour);
    }

    @Test
    public void testSearchModel(){

        ArrayList<String> testActivityTypes = new ArrayList<>(); testActivityTypes.add("test");
        testActivityTypes.add("test2");
        SearchModel sm = new SearchModel("test", 5, 10, 5, 10, testActivityTypes,
            5, 500, 5, LocalDate.now(), LocalDate.now(), false);
        assertNotNull(sm);
    }
}
```

```
@Test
public void testUIsearch(){
    ArrayList<String> dummyActivities = new ArrayList<>(); dummyActivities.add("Gongutur");
    dummyActivities.add("Hjolaferd");
    SearchModel dummySM = new SearchModel("Reykjavik", 0, 180, 0, 5, dummyActivities,
        0, 10000, 5, LocalDate.of(2022, 01, 01),
        LocalDate.of(2022, 12, 12), false);
    DB databaseConnection = new DB();
    ArrayList<String> dummyUtkoma = new ArrayList<>();
    try {
        dummyUtkoma = databaseConnection.searchDayTours(dummySM);
    } catch (Exception e) {
        e.printStackTrace();
    }
    assertNotNull(dummySM);
    assertEquals(0, dummyUtkoma.size());
    assertTrue(dummyUtkoma.get(0) instanceof String);
}
```

```

@Test
public void testUIsearchSpecific(){
    ArrayList<String> dummyActivities = new ArrayList<>();
    dummyActivities.add("Gonguferd");
    SearchModel dummySM = new SearchModel("Reykjavik", 120, 120, 3, 3, dummyActivities,
        1000, 1000, 5, LocalDate.of(2022, 04, 07),
        LocalDate.of(2022, 04, 07), false);
    DB databaseConnection = new DB();
    ArrayList<String> dummyUtkoma = new ArrayList<>();
    try {
        dummyUtkoma = databaseConnection.searchDayTours(dummySM);
    } catch (Exception e) {
        e.printStackTrace();
    }

    String[] list = dummyUtkoma.get(0).split(",");
    assertEquals("Gonguferd um Reykjavik", list[0]);
    assertEquals(" 2022-04-07", list[1]);
    assertEquals(" " + 1000, list[2]);
    assertEquals(" Reykjavik", list[3]);
    assertEquals(" " + 15, list[4]);
    assertEquals(" Gonguferd", list[5]);
    assertEquals(" " + 3, list[6]);
    assertEquals(" " + 0, list[7]);
    assertEquals(" " + 120, list[8]);

}
}

```

Run: DayTourTests (1) x

✓

Tests passed: 4 of 4 tests - 190 ms

✓

DayTourTests (sample.daytoursnyttask)

190 ms

✓

testUIsearch

183 ms

✓

testDayTourObject

5 ms

✓

testGetSearchModel

0 ms

✓

testUIsearchSpecific

2 ms

"C:\Program Files\Java\jdk-17.0.2\bin\java.exe" ...

Process finished with exit code 0

Version Control

Run

TODO

Problems

Debug

Terminal

Build

Dependencies

Event Log

30:24 CRLF UTF-8 4 spaces