Homework Unit Test Execution

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The purpose of this document is to report the results of corresponding unit tests and confirm there is no compiler error. For week 3, domain classes were created for the Flight Reservation System. In particular the following domain classes were created:

* domain class Customer. java
* domain class Manager. java
* domain class Flight. java
* domain class AvailableFlights.java

Additionally, unit tests were created in the following:

* domain layer CustomerTest. java
* domain layer ManagerTest. java
* domain layer FlightTest. java
* domain layer AvailableFlightsTest.java

For now, these domain classes will help me develop my top priority uses cases, which is to enable manager login and manage flights (e.g., add, update, delete, list flight information). Also, enable customers to register and login and search for flights.

**Execution result:**

The screenshot below confirms there is no compiler error.

A screenshot of a computer

Description automatically generated

**Unit test 1: ManagerTest**

The ManagerTest uses validate and equal methods for the domain Manager class. Both tests were successful and free from errors.

A screenshot of a computer

Description automatically generated

**Unit Test 2: FlightTest**

The domain FlightTest uses the validate and equal methods for the domain Manager class. Both tests were successful and free from errors.

A screenshot of a computer

Description automatically generated

**Unit Test 3: AvailableFlightsTest**

The domain AvailableFlightsTest layer applies validate and equal test methods for the domain class AvailableFlights. Both tests were successful and free from errors.

A screenshot of a computer

Description automatically generated

**Unit Test 4: CustomerTest**

The domain CustomerTest uses validate and equal test methods for the domain class Customer. Both tests were successful and free from errors.

A screenshot of a computer

Description automatically generated