**A03 - JUnit Back-end Testing**

**Team-X**

1. **Test Links Section:**

* Java source code <JavaSource.zip>
* Test Case Tables (xls) format <TestCasesExcelxls.zip>
* JaCoCo results <jacocoTestResults.zip>
* PIT Results <pitTestResults.zip>
* Excel test files <TestCasesExcelFiles.zip>
* Junit test files <JUnitTestCases.zip>

1. **Junit Report Section:**

# Section 1 – CreditCardTest:

## Section 1.1 – TestCaseTable:

[TestCasesExcelxls\CreditCardTest.xlsx](TestCasesExcelxls/CreditCardTest.xlsx)

Section 1.2 – JaCoCo Coverage Summary:

We have achieved 100% JaCoCo coverage.

Section 1.3 – Pit Test Results:

We have passed Pit Test with 100% mutators killed.

# Section 2 – ParkingAreaHelperTest:

## Section 2.1 – TestCaseTable:

[TestCasesExcelxls\ParkingAreaHelperTest.xlsx](TestCasesExcelxls/ParkingAreaHelperTest.xlsx)

Section 2.2 – JaCoCo Coverage Summary:

We have achieved 100% JaCoCo coverage.

Section 2.3 – Pit Test Results:

We have passed Pit Test with 100% mutators killed.

# Section 3 – ReservationTest:

## Section 3.1 – TestCaseTable:

[TestCasesExcelxls\ReservationTest.xlsx](TestCasesExcelxls/ReservationTest.xlsx)

Section 3.2 – JaCoCo Coverage Summary:

We have achieved 100% JaCoCo coverage.

Section 3.3 – Pit Test Results:

We have passed Pit Test with 100% mutators killed.

# Section 4 – UpdateUserDetailsTest:

## Section 4.1 – TestCaseTable:

[TestCasesExcelxls\updatedUserDetailsTest.xlsx](TestCasesExcelxls/updatedUserDetailsTest.xlsx)

Section 4.2 – JaCoCo Coverage Summary:

We have achieved 100% JaCoCo coverage.

Section 4.3 – Pit Test Results:

We have passed Pit Test with 100% mutators killed.

# Section 5 –UserDetailsTest:

## Section 5.1 – TestCaseTable:

[TestCasesExcelxls\UserDetailsTest.xlsx](TestCasesExcelxls/UserDetailsTest.xlsx)

Section 5.2 – JaCoCo Coverage Summary:

We have achieved 100% JaCoCo coverage.

Section 5.3 – Pit Test Results:

We have passed Pit Test with 100% mutators killed.

# Section 6 –UsersTest:

## Section 6.1 – TestCaseTable:

[TestCasesExcelxls\UsersTest.xlsx](TestCasesExcelxls/UsersTest.xlsx)

Section 6.2 – JaCoCo Coverage Summary:

We have achieved 100% JaCoCo coverage.

Section 6.3 – Pit Test Results:

We have passed Pit Test with 100% mutators killed.