

ISLAMIC UNIVERSITY OF TECHNOLOGY (IUT)
Department of Computer Science and Engineering (CSE)
CSE 4604: Software Testing & Quality Assurance Lab
Lab 3 (Assignment)

Objective:

- Demonstrate the learning of Unit testing
- Learning to write test case report on the unit test case
- Able to handle small to medium size project in java for unit testing

Instructions: For Individual,

- Extract the project 'AirlineReservationSystem-Java' or 'AirlineReservationSystem-CS', attached with the assignment.
- Go through the files to understand the functionality of the system.
- Design and write unit test cases in the Test Case Report. Make it following the template learned in Lab 1.
- Write the appropriate code for unit testing using Junit or Xunit for the given project. Structure the unit tests as efficiently as you find fit.
- For junit testing, you can use any of the versions (V4 or V5) at your convenience.

Submissions:

- .java or .cs test files
- Test Case Report

Important Links:

[Assert \(JUnit API\)](#),
[Assertions \(JUnit 5.9.2 API\)](#)