Project Satus:

1. **Complete Parts :**
   - All use cases are implemented except the ones enumerated below in “Incomplete Parts”
   - Unit Test Coverage: 63%
2. **Incomplete Parts:**

Use Cases not implemented:

1. View ticket
2. Scan ticket
3. Get list of available reports
4. Get report
5. Search

Test Coverage:

The test coverage is completed, but it is not compiling during project built with Ant. In other words, I have provided an overview of the Test Coverage, but while building and compiling the project, the script does not deliver correct Coverage Test reports (it shows 0% coverage, which is wrong). This is due to the time constraint on fixing the build.xml file for Ant building, that is responsible of running Test Coverage correctly.

Project Description:

Repository link: https://github.com/ecusnari/Thalia-Tix.git

Lines of code: 2050

Lines of code in unit tests: 350

Cyclomatic complexity: 5

Number of hours to completion: 50 h

Number of hours to prepare submission: 8 h

Challenges faced and places to improve:

First of all, the time constraint that unfortunately I couldn’t avoid, determined me to finish a project that used technology I never used before, like REST. Another challenge was to apply the basic OOD principles which I think I mostly failed. At one glance of the package containing ALL the classes it’s already clear that the project has bad practices of putting all the classes together.

The project is clearly at it’s very first iteration, and it works, but it needs many more iterations to be compact, clear and have the least possible dependencies. It does not comply to most basic OOD principles, it is hard to read and change. It has many unnecessary dependencies which do not make it a professional product, but merely a student homework assignment.