

Homework 2 – Advanced Software Service Engineering (2019/20)

Deadline: Nov. 8th, 2019 at 10:59 AM.

Solutions **MUST** be submitted to Moodle as a single *surname_name_hw2.zip* file.

All submissions will be checked for plagiarism. Plagiarised solutions will be awarded an F(0) grade.

Exercise – In this assignment you need to implement in team all user stories with high (red) and medium priority (yellow), and at least two among the green user stories that we identified in class.

Perform the related test-driven development iteration and submit a working deliverable increment of the *Dice with Microservices* primer.zip. All team members must cooperate on a common GitHub repository, implementing both code and tests for each implemented story. Overall test coverage should be at least 90% and code should be suitably commented.

During the next lab, all team members should be prepared to demo their project to the class.

Each team leader must submit to Moodle:

- (i) `repo.zip`, a zipped copy of the submitted codebase, containing the whole GitHub repository,
- (ii) `team.pdf`, a pdf file of the completed group assessment sheet, and
- (iii) `report.pdf`, a report discussing the submitted implementation and briefly describing the devised API and classes composing the codebase (800 words at most).

Each team member (included the leader) must submit to Moodle:

- (iv) `learning_journal.pdf`, a pdf file of the completed self-evaluation learning journal.