

Group project: general feedback

- Dr. Luca Rossi -

Dear teams, you should now be at the beginning of the 4th iteration, meaning that you're entering the last phases of this project. As such, there are a few things to keep in mind when preparing your code and getting ready for the final submission.

1. Code structure and class diagram

Make sure that the Entity/Boundary/Control classes you defined during the first iterations remain well separated, and that new classes you add follow as much as possible this structure. This structure should be documented using the class diagram, where the latter needs to match your code (including attributes, methods, parameters, and relationships). For this reason, please submit an updated class diagram along with the code at the end of each iteration.

Failing to maintain this class separation will lead to your code being mixed up, with classes performing more functions than required. This in turn would result in code that is harder to read, and complex to modify and maintain.

The more you depart from the Entity/Boundary/Control classes structure, the more modifications to the requirements will be reflected in the need to update and re-test large portions of your code. This is part of the more general idea *separation of concerns*, a principle you should adhere to as much as possible throughout the software development process.

2. Testing

Remember to design appropriate tests to evaluate the correctness and robustness of your software in different states. Make use of the testing techniques you studied in the lectures (see Lectures 7 and 8).

3. Communication and teamwork

With the exception of a handful of teams that seem to be struggling in terms of keeping everybody involved in the project, you all seem to be doing well from this point of view. I

understand that the situation is complicated and that being unable to meet in the same physical location can be problematic, but please continue to make use of virtual meeting places to coordinate your work and maintain a continuous communication between the team members. Please get in touch with the Teaching Assistant assigned to your group or with me (luca.rossi@qmul.ac.uk) or the other Lecturers if you feel like you're being excluded from your group or if you feel somebody is not contributing enough. A successful group project requires the whole team to participate.