Periodic Progress Meeting

Part of the marking scheme is to have at least 10 recorded meetings with your supervisor. Please refer to the module specifications. Remember to tick "Send me an email receipt of my responses" at the end of this page to receive a confirmation email. Please note that you need to forward the "confirmation email" to your supervisor in order to validate this submission.

1.Student Name: Lampros Karseras

2.P-number: P2424629

3.Email address: [p2424629@my365.dmu.ac.uk](mailto:p2424629@my365.dmu.ac.uk)

4.Project Title: Automatic Testing Generator

5.Supervisor: David Smallwood

**6.Objectives for Period (max 100 words):**

* Thoroughly research the development project
* Define the goals of the project
* Build an activity list
* Finish the Starting Forms
* Gather literature resources
* Read about the theory behind Software Testing:
  + Difference between WhiteBox vs BlackBox testing
  + Different BlackBox testing techniques, since this is the focused area of my development project

**7.Summary of Progress for Period (max 100 words):**

I have found quite a lot of resources on my topic (Software Testing) that I can use. I have also found some books and journals that I can use in my literature review. I have finished the Ethical and Global forms, but I am still working on the Project Contract, since it requires further research, as well as laying down an activity plan for the entire year and the goals of the project. Finally, I started reading in-depth about BlackBox testing techniques, like Equivalence Partitioning, Boundary Value Analysis, Decision Table Testing and others.

**8.Problem Areas and Suggested Solutions (max 100 words):**

Having to think about all the aims of the project at the start and produce an activity plan from start to finish is particularly challenging. I do not have the experience to correctly predict how the project will develop. I tried to create a Kanban board so I can visualize the workflow. This helped me create an early development plan, which might need revise in the future.

**9.Objectives, Deliverables & Plan for Next Period (max 100 words):**

* Start creating GitHub tickets for different functionalities
* Research PyCharm plugin API and requirements. Create a mock plugin for testing.
* Start the practical part of the project and code some basic functionalities.
* Continue researching about the theoretical part of the development project and start the literature review.
* Start working on the software documentation.

10.Student Signature: Lampros Karseras

11.Supervisor Signature: D Smallwood

12.Comments (if any, max. 200 words):

13.Date of the Meeting: 27/10/2020

14.Date of next Meeting: 17/11/2020