

CS31310 Agile Methodologies • Assessed Worksheet 2A

Reflection on Agile Practices from the Workshops

Who should do this worksheet?

This worksheet, 2A, is for students who attended all of the three workshops that were held in weeks 3, 4 and 5 of term. If you did not attend all of the workshops (that is, one 2-hour workshop each week), then you will do Assessed Worksheet 2B instead; worksheet 2B has equivalent mark value to this worksheet. If you are not sure if you are eligible for this worksheet, then contact Neil Taylor (nst@aber.ac.uk).

Introduction

This worksheet follows on from the three workshops, where you have tried out some practices that can be used on agile projects. These practices included TDD, Pair Programming, CRC Cards and Refactoring.

Your task for this worksheet is to create a reflection about the tasks in the three workshops. Consider the following points in your reflection:

- How did you interact with the people that you worked with in pairs? Was the pair programming helpful? Explain why you thought it was or was not helpful.
- Comment on the use of the red-green-refactor approach used during the workshops. Was this a help or a hindrance when developing the code. Discuss your thoughts on this.
- Discuss your view on the use of CRC cards as a way to discuss the design.
- Do you think that TDD, Pair Programming and Refactoring can help to deliver a good design? Discuss your view.
- Any other points that you would like to make about the workshop exercises.

It is suggested that you might spend up to 1 hour to prepare your reflection.

Marking

This worksheet is **worth 5% of the module**. This is marked anonymously*. Do not put your name or user name in the piece that you create or in the filename. Do put your student number in the piece, e.g. at the top of the text document or at the start of a video or read it at the start for an audio submission.

You are being assessed on your reflection on the work you carried out in the three agile workshops. This is not assessing the code you have written or the tests that you have produced.

* Please note: If you submit a video or audio file, it will be difficult to achieve anonymity in the marking. If you prefer anonymity, then it would be best to submit a text document.

Submission Details

Your reflection can be submitted as ONE of the following:

1. A PDF document – up to 700 words
2. A video, mp4 or mov – up to 5 mins
3. An audio file, mp3 – up to 5 mins

The name must have the format: **<student_number>_CS313_worksheet2a.<file extension>**

<file extension> is something appropriate to the format you are using, e.g. pdf, mp4 or mp3. If your student number 101234567 and you are submitting a PDF file, then the file should be named **101234567_CS313_worksheet2a.pdf**.

You are to submit your work by **4pm on Wednesday 16th November 2016**. Submit this to Blackboard.

Marking Grid

The following table outlines the grades that will be awarded for the reflections. The comments listed in the table indicate what might be expected for a typical response. The reflection is an opportunity to discuss the issues. It isn't necessarily about writing the 'correct' thing, but a chance to reflect on your views of the practices. A response that makes a sensible attempt to consider the issues is likely to achieve a high mark.

Grade	Mark	Comment
Very Good	5	The reflection responds to each of the issues that were identified in this worksheet and considers the practices discussed in the workshops, including TDD, Pair Programming, design with CRC, Refactoring and estimation. The reflection discusses some of the issues in more detail.
Good	4	The reflection responds to each of the issues requested in this worksheet. There is a good attempt to think about the practices discussed in the workshops. The discussion could be improved in some areas with more detail.
Adequate	3	The reflection responds to each of the issues requested in this worksheet. There is a reasonable attempt to think about the practices discussed in the workshops. The discussion could be improved with more detail.
Inadequate	2	The reflection provides a limited response to each of the issues requested in this worksheet. Some of the issues are considered but there is the need for more detail.
Poor	1	The reflection provides a minimal discussion of some of the issues listed in this worksheet. Very little detail is provided.
Not attempted	0	Either there was no attempt to provide a reflection or the response did not contain any substantial reflection on the workshops.

Good Academic Practice

Your response to the worksheet is to be your own work. It is not intended that you need to make use of 3rd party materials. However, if you do want to make use of items created by other people within your work, e.g. sounds or images, you need to reference sources appropriately and in particular make sure you have an appropriate license and or permission to use such items. Your work must follow the University's Regulation on Unacceptable Academic Practice [1].

Questions

If you have any questions about this worksheet, please contact Neil Taylor (nst@aber.ac.uk) or ask your question on the Blackboard Forum for the module.

References

- [1] Academic Quality and Records Office, Aberystwyth University (Sept 2016) *Regulation on Unacceptable Academic Practice*
<https://www.aber.ac.uk/en/regulations/contents/regulation/> (Accessed 2nd November 2016)