CS31310 • Agile Methodologies
Worksheet: Design

Agile methodologies such as XP perform design in small steps. This is done regularly, at the point in the development when it is necessary for features to be added.

This worksheet directs you to look at sources of information that discuss design in XP and agile development. You are asked to write a one to two page discussion about design based on these sources.

This worksheet is worth 3% of the overall module assessment.

Your task
Read the following articles:

- Is Design Dead? Martin Fowler. Available at: http://martinfowler.com/articles/designDead.html

- CRC Cards. Available at: http://www.extremeprogramming.org/rules/crccards.html

- Design a Simulator for a Coffee Maker. Available at: http://www.extremeprogramming.org/example/crcsim.html

Write a short report that discusses how design is used within eXtreme Programming, taking into account the ideas and information in these documents. What do you think are the most interesting points from these documents? As part of your report, state whether or not you think that XP's approach to design is sufficient for building software systems and justify your view. You may include additional resources as appropriate.

Write a report between one and two pages.

What is being assessed
This is a worksheet rather than an assignment. As such, I am primarily interested that you read the set material, think about the issues and write a short report to show that you have done this.

I will be considering the following:

i) Does your report indicate that you have read the material?
ii) Do you discuss what you think are the most interesting points?
iii) Do you discuss your own views about XP's approach to design?

The report should be written in your own words. If you quote any aspects of the sources, you should provide references to sources.

Submitting your work
You should submit your work to **Blackboard** by **6pm on Thursday 31st October 2013**.

Your report should be in a PDF document that has the format:
<userid>_CS313_WS_Design.pdf. So, if your user id is abc011, then the file should be **abc011_CS313_WS_Design.pdf**.