

SIT771 Object Oriented Development

Credit Task 2.5: Concept Visualisation 1

Overview

To meet the credit, and higher, standard you need to be able to demonstrate that you have developed a good understanding of the concepts associated with the unit.

For this task, you will develop some form of visualisation that aims to communicate the core concepts you have learnt to others.

Note:

To be eligible for a Distinction grade, you need these concept visualisations to clearly communicate the concepts. You want them to be of a standard where we would be happy to show them to others as good visualisations of the concepts. This doesn't mean they need to be large and complex, quite the opposite. Aim for your visualisations to be clear and concise.

You will get feedback on the quality of your communication via the Quality Points associated with this task when it is assessed. Get 4 or 5 stars and we think you have done a great job, 3 stars is average, 1 or 2 stars means its acceptable but not great.

Submission Details

Submit the following files to Doubtfire.

- An image of your visualisation. Have its orientation as portrait, even if it is a landscape image. Doubtfire will convert it to fit on an A4 page.
- An explanation of your visualisation (PDF)

Spend some time reflecting on what you have learnt, focus on the concepts and ideas, how they work, and how they are related. You want to demonstrate that you have really understood these ideas.

Instructions

Design a visualisation to communicate your understanding of the core concepts listed below.

For example, you could design a poster to help others learn the concepts, or you could create a concept map, mind map, picture, comic, or any other visual form.

Concepts for this visualisation include:

- Objects and Classes
- Method, Fields, and Properties
- Encapsulation
- Abstraction

In your explanation PDF, write a couple of paragraphs (definitely no more than one page) on what you are trying to communicate. This is for the teaching team to read, so you can assume that the person reading it has a good understanding of the concepts. So, the text should just relate how *you* are *communicating* these concepts in your visualisation.

We look forward to seeing what you create.

It would be great if you could share this with others in the [share week 2 concept topic](#) on the discussion board.

Remember to backup your task, and submit your work to Doubtfire for feedback.