School of Science, Computing and Engineering Technologies

Object Oriented Programming

Pass Task 2.4: Case Study — Iteration 1: Identifiable Object

Overview

Object-oriented programming makes best sense with larger programs. The case study will be your opportunity to create a larger program and better understand how the object-oriented approach can make it easier to create complex software solutions.

Purpose:	Practice interpreting UML class diagrams and writing unit tests.
Task:	Understand the case study program and implement iteration 1.
	The task contains personalized requirements.
Deadline:	Due by the end of week three, **Fri, 16 August 2024 (Firmed)**.

Submission Details

All students have access to the Adobe Acrobat tools. Please print your solution to PDF and combine it with the screenshots taken for this task.

- Program source code
- Test source code
- Screenshot of unit tests passing

Instructions

1. Review the *Case Study Requirements* document and implementation plan included in the task resources. It outlines what you need to create.
2. For this week aim to complete Iteration 1.

> **Note**: At this point there will not be a "program" as such, just a set of unit tests that help demonstrate that your solution is moving towards completion.

Once your tests are working correctly get a screenshot of the tests passing and submit them along with the code.

Assessment Criteria

Make sure that your task has the following in your submission:

- The “Universal Task Requirements” (see Canvas) have been met.