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 see how these abstractions make it easier to create software solutions.

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| **Purpose:** | Practice interpreting UML class diagrams and writing unit tests. |
| **Task:** | Understand the case study program and implement iteration 1. |
| **Time:** | Aim to complete this task by the start of week 3 |

### *Submission Details*

You must submit the following files, formatted using formatmytask.com:

- 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 toward 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.