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 ap- proach can make it easier to create complex software solutions.

**Purpose: Task:**

Practice interpreting UML class diagrams and writing unit tests. Understand the case study program and implement iteration 1. **The task contains personalized requirements.**

**Deadline:** Due by the end of week three, **Fri, 23 May 2025, 23:59 Hanoi Time (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



Object Oriented Programming Pass Task 2.4 — Case Study Iteration 1 - Identifiable Object

# 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.

A screen shot of a computer program

AI-generated content may be incorrect.

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A computer screen shot of a program

AI-generated content may be incorrect.

A screenshot of a computer

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## Assessment Criteria

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

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

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