***This contains the assessor and the student assessment feedback versions of the assessment task.***

***Complete the Assessment Task to provide the students with a student version of this assessment task. The student version provides a summary of the activity they will be required to undertake. The student should not be allowed to review the content within this version as it details the expected performance. The completed student assessment feedback version (page 2) can be shown to the student once the task has been completed.***

| **Section 1 – Detailed Task Instructions for Conducting the Assessment** |
| --- |

*See included PDF. Only Pass Tasks are required for satisfactory completion.*

*CIV\_OO\_Challenge\_1.docx*

*Assessment to be conducted in class.*

*Assessment will require:*

*Challenge1\_OO\_Obs.docx (This document)*

**Submission details:**

*Submit git link to your public repository to Canvas*

*Submit a copy of this form to Canvas*

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| **Student ID** |  |  | **Student Name** |  |

| Section 1 – Assessment Task Criteria and Outcome |
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*This section consists of two parts: Part A – Observation, Part B Oral Questioning.*

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| Part A – Observation | | | |
| *All items/criteria observed for this activity must be demonstrated satisfactorily to achieve this task and have been assessed as S – Satisfactory or US – Unsatisfactory. A satisfactory outcome must be achieved for all items/criteria prior to a grading outcome being applied, if applicable.* | | | |
| Items/criteria to be observed | | Outcome  *S or US* | If unsatisfactory, outline reason |
| 1. | Unit Tests run and passed (Task 2) |  |  |
| 2. | New unit tests created, run and passed (Task 3) |  |  |
| 3. | System exceptions caught in console app (Task 4) |  |  |
| 4. | Custom exception created and caught (Task 4) |  |  |
| 5. | Shape library/class created according to specifications (Task 1) |  |  |

| **Part B – Oral Questioning** | | |
| --- | --- | --- |
| *All responses provided for this activity must be demonstrated satisfactorily to achieve this task and have been assessed as S – Satisfactory or US – Unsatisfactory. A satisfactory outcome must be achieved for all items/criteria prior to a grading outcome being applied, if applicable.* | | |
| **Question and Anticipated/Potential Response**  *Tick/circle or record the student response* | | Outcome  *S or US* |
| **1.** | **How can unit testing assist in your application development?**  Student response  It helps you find bugs earlier. And when you add new code, it helps you easier to change old code. |  |
| **2.** | **Have you used a class library? Why/Why not?**  Student response  Yes, Because it makes management easier. Multiple project can access the class library, when you update the classes, you only need to update once |  |
| **3.** | **What is an exception? Why are they useful to a developer?**  Student response  Exception is unexpected event interrupts the program. Exception tells developer where to focus on the problem of project. |  |

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| **Section 2 – Feedback to Student** |
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| **Overall Assessment Task Result** |  | **Satisfactory** |  | **Unsatisfactory** | **Grade** *(if applicable)* |  |

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| --- | --- | --- | --- |
|  | **Name** | **Signature** | **Date** |
| **Assessor** | **Tim Barird/Anh Nguyen** |  |  |
| **Student** |  |  |  |