



ASSESSMENT 2	
Subject Code and Title	MIS501 Principles of Programming
Assessment	UML diagram and report
Individual/Group	Individual
Length	N/A
Learning Outcomes	This assessment addresses the following Subject Learning Outcomes: <i>a) Synthesise the tenet of procedural programming into the object oriented paradigm</i> <i>b) Design and implement solutions using unified modelling language (UML) diagrams and programming to meet organisational needs</i>
Submission	Due by 11:55pm AEST Sunday end of Module 4.2 (Week 8)
Weighting	30%
Total Marks	30 Marks

Context

The MIS501 Principles of Programming subject is designed for you to progressively add to your understanding of software development using a mid-level programming language that supports object-oriented development.

Task

- 1- Draw a use case UML Diagram for the scenario presented in the problem statement provided.
- 2- Draw the UML diagram
- 3- Please give each element (or relation) you add to the diagram a number that you will use later in the report to refer to the element and explain it.
- 4- After drawing the diagram, explain each element in the diagram by referring to its number. Explain what it does and why you have implemented this design.

Instructions

- You will have one (1) attempt and **1 hour** to complete the attempt. After 1 hour, the assessment will automatically close and cannot be re-opened.
- This assessment will have a final grade out of 30
- The assessment attempt open at the beginning of Module 4.1 (Week 7) and will close by 11.55pm AEST/AEDT Sunday of the Module 4.2 (Week 8)



- Assessment will be graded manually and you will receive your grade outcome within 5 business days.

Submission Instructions

Your UML diagram and report should be zipped and uploaded into BlackBoard.

Incomprehensible submissions. Assessments provide the opportunity for students to demonstrate their knowledge and skills to achieve the required standard. To do this, assessment responses need to be both clear and easy to understand. If not, the University cannot determine that students have demonstrated their knowledge and skills. Assessments will, therefore, be marked accordingly including the potential for **0 (zero) marks** where relevant.

Case Study. Assessment response must focus on the hypothetical Case Study given in the Task Instructions. Any assessment items that do not address the case study may be awarded **0 (zero) marks**.

Academic integrity declaration

By attempting Assessment 2 UML diagram and report you, as a student, agree to adhere to the full policies and procedures on Academic Integrity prior to, during and following this assessment. Please ensure the you keep drafts and notes on work undertaken as you may be asked to show your facilitator.

I have read and am aware of Torrens University Australia Academic Integrity Policy and Procedure viewable online at <http://www.torrens.edu.au/policies-and-forms>