CSC8470 S2 2022 ASSIGNMENT 1

Project Proposal Due Date: 05/08/2022

# Objective

The objective of this assignment is to set the scope and requirements of the proposed project.

# Marks

Assignment 1 comprises 10% of your final mark.

# Submission

* You need to submit the assignment in word or pdf format using the Assignment 1 submission link on the Study Desk

# Assignment specification for the Project Proposal

The project proposal is your way of communicating the details of your project, the application that you will be creating in this course. You need to be very detailed in your description but concise in your writing.

The [proposal template](CSC8470_Project%20Proposal_Template_2022.docx) provides you with guidelines of what is required.

As a postgraduate student, you need to provide substantial functionality above the standard expectation of an application. You need to consider aspects of your application above the data entry and processing.

Your application must incorporate only the technologies used in this course - please refer to the course specification and the course material.

**For the project, you need to:**

* Demonstrate understanding and implementation of client and server interaction in the web application
* Demonstrate knowledge and implementation of authentication and authorization and use of session
* Apply validation at the client and server-side to create robust data entry interfaces
* Demonstrate programming technique to create a dynamic feature-complete data-driven application
* Implement and use REST and web APIs
* Demonstrate understanding and implementation of web data integration
* Demonstrate knowledge and implementation of asynchronous communication

**By applying/using:**

* Advanced programming and data structures using Object-oriented language: C#
* .NET Core
* ASP.NET MVC Core
* Client-side framework: Angular
* HTML
* TypeScript
* CSS Framework: Bootstrap
* Entity Framework Core
* Database: SQL Database

# Late Submission of Assignments

Students can apply for an extension of time to submit an assignment at any time up to the deadline. Students are advised to make a request for an extension as soon as their need becomes apparent.

Delay in making a request involves the risk of losing marks if the request is refused. The examiner may grant a short extension of the deadline for submission of an assignment. Extensions are usually granted only in cases of [Compassionate and Compelling](https://policy.usq.edu.au/documents/131150PL) [Circumstances](https://policy.usq.edu.au/documents/131150PL) in accordance with the assessment of [Compassionate and Compelling](https://policy.usq.edu.au/documents/131150PL) [Circumstances Procedure](https://policy.usq.edu.au/documents/131150PL). Generally, extensions will be limited to a maximum of five University Business Days. A Student requiring an extension for a period more than this should consider applying for a Deferred Assessment as per Section 4.4 of the assessment procedure.

Applications for extensions must be made via the [request for extension link](https://usqassist.custhelp.com/app/forms/deferred_assessment). An Assignment submitted after the deadline without an approved extension of time will be penalized. The penalty for late submission without a pre-approved extension is a reduction by 5% of the maximum mark applicable for the assignment, for each University business day or part business day that the assignment is late. An assignment submitted more than ten University business days after the deadline will have a mark of zero recorded for that assignment.

The examiner may refuse to accept assignments for assessment purposes after marked assignments and/or feedback have been released.

# Student Responsibilities

The [Assessment Procedure](https://policy.usq.edu.au/documents/14749PL) Section 4.2.2, also outlines the following student responsibilities:

* If requested, Students must be capable of providing a copy of the Assignments submitted. Copies should be dispatched to the University within 24 hours of receiving a request.
* Students are responsible for submitting the correct assignment.
* Assignment submissions must contain evidence of student effort to address the requirements of the assignment. In the absence of evidence of Student effort to address the requirements of the assignment, no Mark will be recorded for that Assessment Item.
* A Student may re-submit an Assignment at any time up to the deadline. A request to re-submit after the deadline is dealt with in accordance with section 4.4 ‘Deferred, Supplementary and Varied Assessment and Special Consideration’ of these procedures.

# Academic Integrity

Academic misconduct is unacceptable and includes plagiarism, collusion, and cheating:

* *Plagiarism*: involves the use of another person’s work without full and clear referencing and acknowledgement.
* *Cheating*: involves presenting another student’s work as your own.
* *Collusion*: is a specific type of cheating that occurs when two or more students fail to abide by directions from the examiner regarding the permitted level of collaboration on an assessment.

All are seen by the University as acts of misconduct for which you can be penalized. For further details, go to the [Library’s site on plagiarism](https://www.usq.edu.au/library/referencing/plagiarism).