University of Westminster
Department of Computer Science

6COSC001W Enterprise Application Development – CWK 2 (2021/22)

Module leader	Milos Kojic
Unit	Coursework 2 – Implementation.
Weighting:	50%
Qualifying mark	30%
Description	Implementation of design utilizing: C# .NET, Dynamic UI, Persistent storage, API, .NET Collections. Implementation reports.
Learning Outcomes Covered in this Assignment:	This assignment contributes towards the following Learning Outcomes (LOs): - LO5 Carry out a piece of independent research and produce a report demonstrating evidence of critical thinking; - LO6 Design and implement software, to meet a designated set of requirements using appropriate languages, algorithms and mathematical technique, methodology, architecture and tools; - LO8 Make independent decisions with respect to the requirements and constraints of a task or project.
Handed Out:	9th November 2021
Due Date	17th December 2021. Submission by 1pm
Expected deliverables	Zipped Visual Studio Project folder. Report as pdf via Turnitin.
Method of Submission:	Electronic submission on BB via a provided link close to the submission time. The file you upload should have the following naming format: <Cw2_StudentNumber_FullName.zip> eg. Cw2_w123456_JohnSmith.zip The pdf or doc report via Turnitin with the following naming format. <StudentNumber_FullName.pdf> eg. Cw2_w123456_JohnSmith.pdf
Type of Feedback and Due Date:	Feedback and marks 15 working days (3 weeks) after the submission deadline. All marks will remain provisional until formally agreed by an Assessment Board.

Assessment regulations

Refer to section 4 of the "How you study" guide for undergraduate students for a clarification of how you are assessed, penalties and late submissions, what constitutes plagiarism etc.

Penalty for Late Submission

If you submit your coursework late but within 24 hours or one working day of the specified deadline, 10 marks will be deducted from the final mark, as a penalty for late submission, except for work which obtains a mark in the range 40 – 49%, in which case the mark will be capped at the pass mark (40%). If you submit your coursework more than 24 hours or more than one working day after the specified deadline you will be given a mark of zero for the work in question unless a claim of Mitigating Circumstances has been submitted and accepted as valid.

It is recognized that on occasion, illness or a personal crisis can mean that you fail to submit a piece of work on time. In such cases you must inform the Campus Office in writing on a mitigating circumstances form, giving the reason for your late or non-submission. You must provide relevant documentary evidence with the form. This information will be reported to the relevant Assessment Board that will decide whether the mark of zero shall stand. For more detailed information regarding University Assessment Regulations, please refer to the following website: https://www.westminster.ac.uk/current-students/guides-and-policies/academic-matters/academic-regulations.

Coursework Description

You are to implement your design specification from coursework 1 using C# and .Net. The implementation will be marked based on the following criteria.

Implementation

User interface (design, readability, usability) – 15%

*CRUD operations for core entities and dynamically built UI on at least three pages – 25%

Database implementation for data persistence – 10%

Prediction view and prediction algorithm – 10%

Reports page – 10%

* By dynamically built we mean that you must ensure that your interface changes in response to user input. In other words, the UI controls on the page should change (not just the data).

Report

The report should contain two sections of no more than 2000 words each.

1.Design changes and reasons. (10%)
During your implementation, it is likely you needed to modify your initial design from Coursework 1. Document these modifications and give reasons for the changes from your original design.

2.Evaluation: Implementation choices etc. (20%)
Reflect on the details of your implementation. What choices did you make to improve your applications maintainability, readability, extensibility, etc.

Viva/Demonstration Note

Note that the above marks are assigned with a component for defense/explanation of code and design, and any removal of marks for lack of understanding is entirely at the discretion of the marker. Implementation marked without a viva is subject to a maximum mark of 50%.

Coursework Marking scheme

The Coursework will be marked based on the following marking criteria:

Criteria	Mark per component	Mark provided	Comments
User interface	15		
CRUD operations for core entities and dynamically built UI on at least three pages	25		
Database implementation for data persistence	10		
Prediction view and prediction algorithm	10		
Reports page	10		
Report: - Design changes and reasons - Evaluation: Implementation choices etc.	30		
TOTAL	100		