

University of Westminster

Department of Computer Science

6COSC001W Enterprise Application Development – CWK 2 (2019/20)

Module leader	A. Basukoski
Unit	Coursework 2 – Implementation.
Weighting:	50%
Qualifying mark	30%
Description	Implementation of design utilizing: Windows forms, Dynamic UI, Persistent storage, .NET Collections. Implementation and deployment report.
Learning Outcomes Covered in this Assignment:	<p>This assignment contributes towards the following Learning Outcomes (LOs):</p> <ul style="list-style-type: none"> - 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:	6th November 2019
Due Date	9 th December 2019. Submission by 1pm
Expected deliverables	Zipped Visual Studio Project folder. Report as pdf via Turnitin.
Method of Submission:	<p>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</p> <p>The pdf or doc report via Turnitin with the following naming format. <StudentNumber_FullName.pdf> eg. Cw2_w123456_JohnSmith.pdf</p>
Type of Feedback and Due Date:	<p>Feedback and marks 15 working days (3 weeks) after the submission deadline.</p> <p>All marks will remain provisional until formally agreed by an Assessment Board.</p>

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 recognised 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: <http://www.westminster.ac.uk/study/current-students/resources/academic-regulations>

Coursework Description

You are to implement your design specification from coursework 1 using Visual Studio. The implementation will be marked based on the following criteria.

Implementation

User interface (design, readability, usability) – 10%

*Dynamically built task/event entry views – 15%

XML "reader writer" or database code – 10%

Prediction view and prediction algorithm – 15%

Threaded file writer method – 10%

* By dynamically built we mean that you must ensure that your interface changes in response to user input. To achieve this you will have to program the components in your view in response to user input. A dynamic view would not be possible with statically designed forms using the form designer on its own.

Report

The report should contain two sections of 500 – 1000 words each:

Design changes and reasons. (10%)

During your implementation, situations will inevitably arise where you will need to modify your design. Document these modifications and give reasons for the changes in this report.

Maintanability (10%)

Also, give details of any design and implementation decisions you considered that make your application more maintainable.

In-class test

In class test on .NET and C# (during week 12 tutorials). (20%)

Viva/Demonstration Note

Note that the above marks are assigned with a component for defence/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 (usability)	10		
Dynamically built – Enter task/event views	15		
XML reader/writer/database code (writes XML only then 5% max)	10		
Prediction view and prediction algorithm	15		
Threaded file writer method	10		
Report			
- Design changes and reasons.	10		
- Deployment and maintenance	10		
In-class test on C# and .NET	20		
Total	100		