**CSC 835**

**Project Management**

**Summer 2021**

**Assignment 2**

**Intermediate COCOMO**

**Due Date: 07/04/2021**

Cost estimation is important when preparing a feasibility study report for customers at the beginning of a project. For this assignment, you will use the Intermediate COCOMO model to determine the effort and time needed for your project. To do this, you will need to:

1. Determine the type of the software system developed in the project. **Explain your answer.**
2. Study and assign a number to each EAF from the EAF rating table. **Explain your number.**
3. Use the formulas to calculate the efforts and time needed for the project. **Express your own opinions about these two numbers.**

Use Microsoft Word to type your report. Submit the Word file to EKU Blackboard.

**The following grading rubric will be used to grade your written assignments.**

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| --- | --- | --- | --- |
| **Criteria** | **Poor**  **0 - 59 points** | **Average**  **60 – 89 points** | **Excellent**  **90 – 100 points** |
| **Determination of System type for Term Project** | Fail to explain the type of system for the term project. | Be able to explain the type of system for the term project. | Be able to explain the type of system for the term project with sound reasons. |
| **Applying COCOMO model** | Fail to use the COCOMO model to estimate the cost of the term project. | Be able to use the model to estimate the cost of the term project. | Be able to use the model to estimate the cost of the term project with good reasons for picking the appropriate numbers for EAFs. |