**CSE 5325 – Software Project Management**

**Fall 2019 - Cost Estimation**

**Assignment #3**

**Assignment#3: Project Cost Estimation using COCOMO**

**Due: Thursday Nov. 7, 2018; 5:00 PM**

**Grading: 10% of your Course grade**

**Submission via: Canvas (**https://uta.instructure.com/**) – Assignment #3**

**Obs: please use the following convention for naming your deliverable: SurnameName\_Assign3\_5325Fall2019. E.g.: KhaliliBahram\_Assign1\_5325Fall2019. Deliverable should be made in either PDF or Doc formats.**

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GTA E-mail is only for asking questions but not submission of assignment. Submission will be via blackboard.

**Objective:** Project Cost Estimation using COCOMO

**Deliverable:**

A detailed report estimating your project cost using COCOMO II. The report should be at least 6 pages long and must include all the COCOMO’s Scale drivers (5) and Cost drivers (17), the value allocated to each and the rationale behind selecting these numbers. There are many free and none-for-profit COCOMO websites such as Costar: <http://www.softstarsystems.com/>

Your report must include a title, a quick executive summary, your cost structure, conclusion and reference.

**Points to Consider:**

Select the same project you used in Assignment# 1 and 2, consider the following points, and use any online COCOMO tool to complete your cost estimation report (i.e. you are estimating how long it takes to complete your project using this COCOMO tool). You can make reasonable assumptions along the way assuming they are not farfetched:

* Keep the same HR resources and rates from previous assignment.
* Keep the same Non-HR costs from previous assignment.
* Keep the same duration of the project: 3 months, from Sep. 3 to Dec. 3rd, 2019.
* All tasks and activities that were entered in Assignment 2 via “Microsoft Project Professional” must be accounted for in this COCOMO exercise. You can modify the tasks submitted in assignment #2 if you wish.
* All cycles of development (i.e. Requirements, Design, Development, Testing) and documentation (i.e. user manual) must be accounted for
* Assume you require at least 50% profit on the money spent. That is, if it cost you $200K to develop this project, you should charge client at least $300K to cover your cost plus profit.
* Explain any value you use for Scale drivers and Cost factors
* Your report must be at least 6 pages long, Fonts 11, single space and include references
* 10% penalty per each day of being late after the due date/time.
* Bonus: 5 extra points for the best submitted assignment