THE CATHOLIC UNIVERSITY OF EASTERN AFRICA
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FACULTY OF SCIENCE

DEPARTMENT OF COMPUTER AND   INFORMATION SCIENCE

OFFICE OF PROJECT CORDINATOR

To all Students,

RE: Data Base, Business Logic and User Interface Developments

I hope you are going on well with your project progress.

The project journey might have been somehow challenging for some of us. However, take heart and solder on. The experiences you are encountering provides you with valuable skills that you will always carry with you a very long way in your career path.

The goals for all of us is to see that we have used knowledge acquired during those four years of our study to solve a problem. As some of you may have realized, it is very common during software development for one to go back to an earlier stage to address arising issues that are encountered as development progresses.

Some of the cause to such may include:

1. To include a requirement that was missed or added by the product owner

2.   or in case of computer science project , the supervisor requires to add more scope to be able to meet the scope for a degree.

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3. Meeting a technical hitch that hinders you from going on as you had planned.

Development Guidelines

After having finished with analysis and design phases in your projects, we now move to an important phase where we embark on realization of the designed system, I.e., **programming/prototype development** .

Below are guidelines that **MUST** be adhered by all students. You must always seek guidance whenever you feel you are not adhering to these guidelines/ whenever a certain guideline is not clear to you

1. Database Development

Some of you may use frameworks to set up and develop your databases. Note that during panel presentations , you be required to demonstrate you masterly of database development (use of SQL commands) and this will be done using the specific data command lines. The panelist will ask you to execute a certain command to extract some information from your database to test mastery of your database skills

2. User Interface & Business Logic Development

❖ This is a computer science degree project. You are required to use acquired knowledge and skills through the course. To ensure that this is achieved by you implement your project, note the department doesn't allow use any frameworks, API at all unless you have created one for yourself.

❖ Students doing web-based projects using html, CSS, JavaScript ,PHP and MySQL should use HTML4 , JavaScript, PHP and MySQL. Strictly HTML5, JavaScript frameworks and PHP frameworks are not allowed.

❖ HTML5 has most of the form input fields pre-validated using JavaScript. But we want you to be able to validate and input field for your future enjoyments.

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❖ For those students who want to display graphs in their reports, they can use computer graphics knowledge on canvas graphics and svg.

❖ During presentations you will be required to demonstrate ownership of your code. **Anything contrary to this is examination cheating and shall be treated as such.**

3. Panel Presentation, date Final Mark and Grade

∘ The department has moved project presentation date forward from June 2021 to August 2021 to enable students more able time coding and testing their systems. Continue working with your respective supervisors to achieve this.

∘ You cannot proceed to presentation unless you have been cleared by your respective supervisor. It is your responsibility to see that you are moving on with your supervisor at all times and that you are getting the guidelines and help you need.

∘ During panel presentations you will expected prepare presentation slides and be ready. (Smartly dressed, clear and concise in your explanations etc.)

∘ Your final marks will be an aggregate of you progress marks and the final presentation marks.

∘ You will receive the result (advice and comments) of the presentations from your supervisor only.

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∘ From Project Coordinators

Doreen Moraa ……………………

Francis Kamau ……………………

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