**EASTERN MEDITERRANEAN UNIVERSITY**

**INFORMATION TECHNOLOGY**

**ITEC315**

**SYSTEM ANALYSIS AND DESIGN**

**TERM PROJECT**

**Instructions:**

1. Form a group of **three** in your project
2. Cheating will be severely penalized.
3. Please don’t forget to fill out the group registration form until FRIDAY**(24/10/2017)**
4. For below **development cycle** you are allow to use **library system** or **registration system..**
5. Don’t forget to add exceptional conditions and dependencies (for ex : include , etc. ) to the diagrams.
6. You are free to use your own ideas in **your report..**
7. Submission date for **PHASE1** 🡺 14.11.2017
8. Submission date for **PHASE2**🡺 19.12.2017
9. Submission date for **PHASE3** 🡺 02.01.2018

10)Don’t forget to include a heading and table of content in your report  
GRADING

* 1. PHASE1🡺 %35
  2. PHASE2🡺%35
  3. PHASE3🡺%35
  4. REPORT FORMAT🡺%5

**PHASE1**

* 1. What is the **scope** of the propose system?
  2. What are the **objectives** of the propose system?
  3. What the **benefits** are from proposing system?
  4. What are the **outcomes** from the propose system?
  5. Create **system requirement documentation** with **UML** diagram

**NOTE: For above question use fact finding techniques (interview, observation, research etc) (Attach all related information to report appendix)**

**PHASE2**

1. Draw a **UML diagram** for the PROPOSE SYSTEM
   1. Activity diagram
   2. Create an event list and table
   3. Use case diagram
   4. Use Case Specification for each use case
   5. Domain Class diagram
   6. Navigation Diagram

**PHASE3**

1. Draw a **UML diagram** for the PROPOSE SYSTEM
   1. Design Class Diagram
   2. Sequence Diagram
   3. Package Diagram