**EASTERN MEDITERRANEAN UNIVERSITY**

**INFORMATION TECHNOLOGY**

**ITEC315**

**SYSTEM ANALYSIS AND DESIGN**

**TERM PROJECT**

**Instructions:**

1. Tackle the project individually
2. Submit the project to turnitin before submitting to me (The maximum acceptable similarity level is %20)
3. For below **development cycle** you are allow to use **STUDENT TRACKING SYSTEM (YOU HAVE TO INCLUDE ALSO BUS TRACKING SYSTEM)**
4. Don’t forget to add exceptional conditions and dependencies (for ex : include , etc. ) to the diagrams.

GRADING

* 1. PHASE1🡺 %35
  2. PHASE2🡺%35
  3. PHASE3🡺%35

**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

**Submission Date: 22/05/2020**