**IS 442 – Project “Web Site for a Business”**

**Weight**: 3 points for project report, 3 points for presentation and 9 points for Technical work.

**Project Guidelines:**

* Project Reports )Soft copy and hard copy) and Power Point Presentations (Soft copy and hard copy) are due by Sunday April 16th.,2017 (19/07/1438)
* Project Presentations/discussion are conducted during the period from Monday April 24th.,2017 (27/07/1438) till Wednesday April 26th.,2017(29/07/1438).
* Project consists of (i) comprehensive report (in Word /PDF format) and (ii) presentation (in Power Point format)
* Students are advised to actively participate (question & answer) during project presentation.
* THE TECHNICAL WORK THAT THE PROJECT MUST INCLUDE IS:
  + A static representation of your Web Site represented by (Use cases and Class Diagrams). (3 points)
  + A dynamic representation of your Web Site represented by (Sequence Diagram and State Diagram). (3 points)
  + Project must have sample working runs to ensure that the Web Site is implemented properly (error free). (3 points)

**Presentation and Report Guidelines**

**1. Presentation** (3 points)

First, students need to form a group and decide which “Business” their web site will represent (financial organization like a Bank, educational like a Private University registration desk, commercial like an Air Line reservation office, or medical like a Blood Bank Lab,….. etc.)

* Show a static representation of your system (USE CASE Diagram and CLASS Diagram).
* Show a dynamic representation of the system (SEQUENCE Diagram for at least one Use case of the various Use cases that you have used in your Use case Diagram and a State Diagram for one object)
* Show samples of the code you used for implementation.
* Show sample runs for the implemented project (from start to end).
* Show snap shots of screens representing the sample runs of your project.

**1.2 Details and Expectations**

● Students should work together in groups of two/three.

● The topics will be assigned as first come first served basis.

● You will have 15-20 mins for each group to present.

● All members of the group must take an equal role in the presentation.

● Bring interesting information into your presentation.

● The Presentation should be well organized (outline, introduction, subtopics, your thoughts, conclusion)

● Do not put too much text on your presentation.

● Avoid reading directly from slides.

● Make the presentation easy to follow.

● Do not assume the audience know what you are talking about, therefore make everything clear.

● Be prepared for questions and clarifications.

**1.3 Grading Policy**

● The quality & relevance of the material that is presented (what research did you do for your presentation).

● Organization and integration of your talk.

● Clarity of slides and presentation.

● How interesting you make the topic.

**2. Comprehensive Report** (3 points)

With the same group, you will have to write up a short paper ( 8 – 10 pages) on the same topic you will be presenting.

**2.1 Report Guidelines**

● It should be well written.

● The report should be well organized (title, abstract, introduction, subtopics, conclusion, references)

● You are free to follow any report format you like.

● The font size should be 12pt.

● If you cite any piece of information, make sure to mention that in the references section.