**IS 472 – Project “E-health”**

**Weight**: 6 points for project report 4 points for presentation and 5 points for Discussion (Q/A).

**Project Guidelines:**

* Project Reports (Soft and hard copies) and Power Point Presentations (Soft and hard copies), are due by Thursday April 20th.,2017 (23/07/1438)
* Project Presentations and discussions are conducted during the period from Monday 24th. April, 2017(27/07/1438) till Wednesday 26th. April, 2017 (29/07/1438).
* Project consist 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.
* Project describes and may include introduction, functionalities, modules, key players, clinical guidelines, benefits, barriers for implementation and technologies used architectural diagram, future direction, etc.

**Presentation and Report Guidelines**

**1. Presentation**

First, students need to find a group and pick a topic from the following:

1. Electronic Health Record

2. E health prospect: Mobile health/Virtual reality

3. Tele health and telemedicine

4. Health Information System/Technology/Exchange (HIS/HIT/HIE)

5. Diagnosis Support System (DSS)

6. E Homecare

7. E Prescribing

8. Privacy and Security in e health data integration and aggregate

9. E networking in Healthcare

10. E medicine

11. E health Standards

12. Picture Archiving and Communication System (PACS)

**1.2 Details and Expectations**

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

● The topics will be assigned on a first come first served basis.

● You will have 15-20 minutes 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)

● Avoid reading directly from slides.

● Make the presentation easy to follow and do not put too much text in it .

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

● Be prepared for questions and clarifications.

**2. Comprehensive Report**

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**

● The report should be well organized (title, index, index of figures and tables, abstract, introduction, subtopics, conclusion, references)

● Pages before introduction should be numbered in Roman numbers and the remaining of the report is numbered using Arabic numbers.

● The font size should be 12pt.

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

**3. Discussion Questions**

With the same group, you will have to answer questions during the presentation. Active participation in answering the questions will reflect how good you know the material that was presented.

**3.1 Questions Guidelines**

● Each student will be asked 5 different questions.

● The questions will be based on the material presented in both the report and the presentation.

● The answers should reflect your knowledge of the material presented.

● Answers to questions need to be coping with the topic presented both in the presentation and report.

**4. Grading Policy**

**4.1 Presentation Grading (4 points)**

● The quality & relevance of the material that is presented (what research did you do for your presentation). (1 point)

● Organization and integration of your talk. (1 point)

● Clarity of slides and presentation. (1 point)

● How interesting you make the topic. (1 point)

**4.2 Report Grading (6 points)**

● Well organized (title, index, index of figures and tables, abstract, introduction, subtopics, conclusion, references) (4 points)

● Citing pieces of information, in the references section. (1 point)

● Correct Font Size and proper numbering of pages (Roman and Arabic). (1 point)

**4.3 Discussion Questions Grading (5 points)**

● Each question of the five questions will carry a weight of 1 point.

● If answer to a question reflects awareness of the student of the material presented, then this answer carries a weight of (1 point)

● If answer to a question is not coping with the material presented both in the report and presentation then that answer carries a weight of (0 point)