**Mini-Project**

A group of five students will develop a web database application that contains the following components:

* Valid semantic markup (HTML5)
* Valid CSS
* Client-side scripting (JavaScript)
* Server-side scripting (php)
* Database connectivity
* AJAX

**Proposal: Due 4 Oct 2017 (Wednesday) 5:00pm**

A one-page proposal has to be submitted on or before 5:00pm, 4 Oct 2017. Your proposal must provide the following information:

* The names, student numbers and the programme codes of the 5 group members.
* Title of the web database application to be developed.
* Objective of your proposed project.
* A summary of the technologies you intend to use.
* A summary of features of the web database application to be developed.

**Discussion Sessions:**

**16 Oct 2017 (Mon): 08:30 – 10:30**

**18 Oct 2017 (Wed): 12:30 – 15:30**

**Report Submission: Due date: 29 November 2017, 5:00pm**

**Presentation: 27 November 2017 and 29 November 2017**

During the last week of classes, teams will demonstrate their mini-projects. Demonstrations are limited to 15 minutes, and should include a brief introduction to the project, the specifics of the underlying implementation, and a brief demonstration of its functionality.

Besides, a report and a CDROM have to be submitted. The report should contain the following:

* A site map demonstrating the basic structure of the web database application.
* A list summarizing the functionalities of the web application.
* A list summarizing the technologies that have been used. Give one to two examples for each technology that has been used.
* A list showing each team member’s contributions to the project. This includes the exact works that have been done and the contribution in terms of the percentage towards the whole mini-project
* A table showing the grades given by a particular group member to other members in the group.

The CDROM should contain the report and all the files for the web application.

**Grading**

Marks will be given according to:

* Program design and use of correct scripting codes
* Quality of Code and markup
* Functionality and overall execution
* Team member’s contribution to the project