**Assignment Web Site Project Design and Development (Week 1 – Week 11)**

Your Assessment will be divided into 2 parts: Research and Development and PHP Development. Project hand up guidelines will be made available at a later stage.

**Part 1: Week 1 to 6 (30%):**  Develop an e-Commerce web site.

In teams of 2 you are required to:

* Create a professional document that focuses on the steps for creating an effective site organization for the web site.
* Develop the web site using recommended design practices

Your web site project will be evaluated on the following criteria:

* Creating and documenting an effective site organisation. 80%
* Following recommended web site design practice & visual appeal of site to target audience (20%)

**Steps to document for an effective site organisation. (For each of these steps you need to document the process) 10% awarded for each step. 0-3 (poor), 4 – 7 (Good), (8-10 Excellent)**

* Defining key stakeholders’ goals
* Identifying your users’ goals and expectations
* Defining your site’s content areas
* Organizing the content areas
* Creating the site map
* Outlining your navigational structure
* Labeling the content areas
* Wireframes

Based on these steps and following the recommended web design practices design the web site.

**Part 2: (Week 7 to 11 Demo Week 12)**

As part of the system there are 2 types of Users (General and Administrator)

You need to develop a login function to allow this.

As part of the system administrator functions are to be added to allow the person logged-in as Administrator to **Add/Update** the details of products to be sold to the database. You are to develop the script(s) to enter and validate the relevant data:

You are to run the script setup.php which will create the database and table.

1. Produce the form.
2. Check mandatory fields are completed.
3. In addition the user must enter at least one of the fields email or phone.
4. Check that the id consists of letters or numbers only.
5. Convert the id to uppercase.
6. Check that the primary ids are not already in the database.
7. If there is an email address entered, check that it is a properly formatted email address.
8. Implement between and not greater than.
9. Implement a dropdown list
10. Implement radio buttons
11. Display any error messages.
12. If there are no errors, write the data to the database table.