ASIA PACIFIC UNIVERSITY
OF TECHNOLOGY & INNOVATION

CX002-3-3 INTRODUCTION TO WEB PROGRAMMING

Assessment Mode: INDIVIDUAL

Instructions:

- The project is to be carried out individually
- Complete this cover sheet and attach it to your project

Student Name :	
Student ID :	
Intake : UCFEFREI1603	
Lecturer Name : MOHAMAD FIRDAUS CHE ABDUL RANI	
Hand in date : March 28, 2016	
Hand out date : May 23, 2016	

On completion of the module you should be able to demonstrate the following **learning outcomes:**

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1. Plan and program server side web applications.
2. Develop web applications to interact with simple databases.
3. Devise test plans to test web programs with database interactivity.

MyWebTech is a company which specializes in designing and developing web applications. You have been approached to show your skills at designing and implementing an at least 10 pages web application. A database technology must be used and the web application should be able to perform **create**, **read**, **update** and **delete** together with login functionality to access the page.

The topic of the web application site can be one of the following but not limited to these:

- Online Recipe Website
- Sports Club Website
- Travel Web Portal

The exact topic must be agreed with the lecturer before you start.

1. Design (25%)

- Produce storyboards, flow chart and a site focus stating your objectives to the site using the principles shown in the lecture.

2. Implementation (50%)

Implement the web site. The site should include the following:

- Appropriate graphics, including some you have created.
- Dynamic web pages (using PHP)
- Database technology (using MySQL)
- Good usage of Cascading Style Sheet

This section will be assessed by a **5-10 minutes** demonstration.

3. Report (25%)

Write a report (approximately 20 – 25 pages) which includes the following:
1. Table of Contents (inclusive of actual page numbers)
2. Gantt chart (project plan)
3. Introduction and objectives of the project
   – An introduction of your topic including a reflection on the web site that you have built stating how it has met the objectives set out.
4. System design (storyboard)
   – Produce storyboards, flow chart and a site focus stating your objectives to the site using the principles shown in the lecture.
   – Justification of your style design choices and target audience.
5. Implementation(scripting, database connectivity, etc)
6. Main section (user guide & sample screens)
7. References (in Harvard Format) – Refer to http://library.apiit.edu.my/harvard-reference-style.html for more details.

The soft copy of the project should include ALL the source and media files used in production of the project.

Plagiarism is a serious offence and will be dealt with APU's regulations on plagiarism.

Good Luck!

Student Name :   Student ID :

Criteria	Marks Allocated	Marks Awarded
Design (25%) Produce storyboards, flow chart and a site focus stating your objectives to the site using the principles shown in the lecture.	25%	
Implementation (50%) Implement the web site. The site should include the following: – Appropriate graphics – Dynamic web pages (using PHP) – Database technology (using MySQL) – Good usage of CSS Presentation	5% 15% 15% 10% 5%	
Report (25%) Report structure (including appropriate referencing) Contents elaboration and citation User Manual and screen shots	5% 10% 10%	

Remarks: