**Department of Information Technology**

Higher Diploma in Software Engineering (IT114105)

Module Name : Internet & Multimedia Applications Development

Module Code : ITP4523M

Submission Deadline : Phase 1: 10th teaching week of Semester 2

Phase 2: 7th teaching week of Semester 3

Hand in Methods : *To be announced by the lecturer*

This Group Project : **30% of total module marks** (*also it is part of EA components)*

**The result of EA will not be counted if you do not meet the minimum 70% attendance requirement (if any) governed by the *General Academic Regulations (GARs)* of your programme/course unless approval of the campus principal has been granted.**

1. Objectives

In this project, students are asked to:

* build a web application which provides different functions for *Customer* and *Staff.*
* apply software development skills to develop a website which is user-friendly, interactive, robust and easy to maintain.
* apply the knowledge that you learned in this module to solve the tasks. (i.e. HTML, CSS, JavaScript, PHP, SQL commands and Python)

1. A simple description to show how the web application will be used

There are *two user roles* for the web-based management system:

* 1. *A Customer* can make the orders and retrieve the order records.
  2. *A Staff* can manage products, material items and update the order records.

1. Driving Question

You are the CEO of *Smile & Sunshine Toy Co. Ltd.* Briefly explain how a centralized management system could help the company to promote sales and increase profit.

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| A central management system would make things easier for Smile & Sunshine Toy Co. Ltd. by bringing all customer orders, product stock and staff tasks together on one platform. For sales, it lets customers easily look through the products available and place orders, improving the customer experience and encouraging repeat purchases. It also helps to manage products and materials more efficiently, reducing waste and making sure the company always have the right amount of stock. |