**Department of Information Technology**

Higher Diploma in Software Engineering (IT114105)

Module Name : Internet & Multimedia Applications Development

Module Code : ITP4523M

Submission Deadline : Phase 1: 12th 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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| Implementing a centralized management system would streamline our operations and boost both sales and profitability in several key ways. It would provide a unified platform for customers to browse products, place orders, and track their purchases, enhancing user experience and encouraging repeat business. |