**Department of Information Technology**

**(Tuen Mun)**

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 : Submit to Moodle before 29 April, 2024

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 provide different functions for *Sales Manager* and *Dealer.*
* 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 Dealer* can make the orders and retrieve the order records.
  2. *A Sales Manager* can manage items and update the order records.

1. Driving Question

You are the CEO of a *Smart & Luxury Motor Company*. Briefly explain how a centralized management system could help the company to promote sales and increase profit.

|  |
| --- |
| Centralized management system brings better efficiency to the company. A centralized management system will manage all the data at the same place. As a result, the company requires less people to manage the data and reduces the chance of data inconsistency. The company profit can be increased.  Besides, a centralized management system could increase the reputation of the company. Because of the reduction of data inconsistency, the chance of refund due to stock error would be greatly reduced. The higher the reputation has; the higher chance of customers will choose our company. Therefore, the centralized management system could help the company to promote sales. |