Software Development Workshop Assignment 1

1. Introduction

1.1. You are required to use HTML/CSS and PHP to design a simple online store web application, you can chose any product to sell, set your own price for the products.

1.2. Use HTML and external CSS to design your web pages, PHP code for processing the input data.

2. Home Page

2.1. Use HTML and external CSS to design a simple webpage and clearly show the products you are going to sell online.

2.2. The home page should contain at least the followings items and you can use <FORM> to collect all the input data from the customers.

2.3. Online store name
    2.3.1. You need to provide a decent online store name.
    2.3.2. The browser's title bar must contains the store name.
    2.3.3. The store name must clearly show on the webpage.

2.4. Product items
    2.4.1. Display at least FIVE product items on the page.
    2.4.2. You can use <table> or <div> to display your product list.
    2.4.3. Each product item must contain the product image, product name and unit price.
    2.4.4. Each product item must have a quantity input box for customer to enter the purchase quantity.
    2.4.5. All the product images must store in an image folder.
    2.4.6. You need to set a delivery time (eg, 3 days, 1 week etc) upon the order submit and display it clearly on the webpage.

2.5. Customer information
    Design a form for customer to enter the following information:
    2.5.1. Title:
        A drop down list (eg. Mr, Mrs, Miss etc) for customer to select.
    2.5.2. Customer First and Family Name:
        Input boxes for customer to enter their first and family name.
    2.5.3. Delivery Address and City:

An Input box for customer to enter the address and dropdown list to select the city (assume the cities are in China, Guangdong Province)

2.5.4.　Contact Phone No:
An input box with placeholder and pattern (eg. 999 9999 9999) for customer to enter the contact phone number.

2.6. Confirm order

2.6.1.　Provide a submit button for customer to submit their order, you can use either the "POST" or "GET" method to submit the form data to the acknowledgement or confirmation page.

2.7. Use comments to leave notes about your code and functionality.

2.8. Save your home page as index.html.

3. Acknowledgement Web Page

3.1. Once the submit button is pressed, an acknowledgement web page will be shown to the customer.

3.2. The acknowledgement page must be generated by PHP, save as "php" file extension.

3.3. Use an external file for the homepage CSS and inline CSS in the acknowledgement page.

3.4. The store name must clearly show on the acknowledgement page.

3.5. The submitted date (order date) must show as "d M Y" format, eg. 4 April 2021.

3.6. The expected delivery date must show as "d M Y" format, and it must be calculated from the submitted date and the delivery time set from the home page. For example, if user submit the order on 1 April 2021 and the delivery time is set to 7 days on the home page, then the expected delivery date will be 8 April 2021.

3.7. All the customer information (name, address etc) captured from the homepage must clearly display on an appropriated position of the webpage.

3.8. Use a table to list out all the order items, only show the items selected by the customer.

3.9. The order list table should contains the No, Product Name, Quantity, Unit Price and Total Price columns.

3.9.1. The Unit price and total price columns must be right justified. Other columns can be either left or center justified.

3.9.2. The heading of each column must be bold and centered with a different background color from the table contents.

3.9.3. At the end of the table must show the overall quantity and price ordered, the font at this row must be bold and the font size is bigger than the contents. Please refer to the below example.

3.9.4. An example of the order list table

No	Item Name	Unit Price($)	Qty	Total Price($)
1.	Flower Basket	50.15	1	50.15
2.	Chocolate	25.00	4	100.00
3.	Roses	15.00	10	150.00
		Overall Total	**15**	**300.15**

3.10. Display a Thank You message at the end of the webpage.

3.11. Use comments to leave notes about your code and functionality.

3.12. Save your acknowledgement web page as acknowledgement.php

4. Testing your code
   4.1. If you are in campus and using the UIC network, you can submit your codes to "stuweb" server to test your webpage.
   4.2. If you are out campus or using non-UIC network, you can setup your local host by install the "xamapp" from https://www.apachefriends.org/index.html.

5. Submission
   5.1. Compress all files and folders to "1234567890_SDW1_Assignment_1.zip", replace "1234567890" with your student ID no, and submit to ispace.
   5.2. Copy the link of the homepage and paste in the ispace online text.
   5.3. Create a new folder (directory) in stuweb and copy all files and folders to this folder.
   5.4. Do not use "快压"to create the .ZIP file. You must ensure your submitted zip file can be opened otherwise NO mark will be given.
   5.5. All the documents you submit must be written in English only

1. **Import Notes:**
   1.1. This assignment must be designed and developed individually, it must be your original work, you MUST NOT copy any work from any other member, group or any source otherwise zero marks will be given.
   1.2. Each student assignment contents must be different from one another.
   1.3. There will be penalty for late submissions. 10% penalty for each late day (eg. 2 days late means 20% off your final mark).
   1.4. No assignment will be accepted three days(72 hours) after the deadline without a document legitimate reason.

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