LAB 12 - PHP

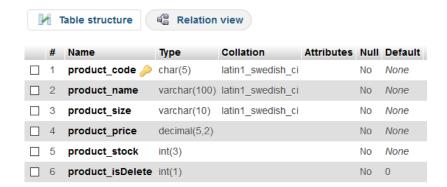
At the end of this lab, students should be able to:

- Write simple PHP codes and execute them on the server.
- Create a database with tables and attributes using phpmyadmin.
- Write PHP codes to perform CRUD (Create, Read, Update and Delete) operations on multiple tables.

Guides

1. Create the Database, Tables and Attributes.

- Open http://localhost/phpmyadmin
- Create a database called **chocolate**.
- Import a database from folder Lab 12 called **chocolate**.
- Now suppose you have 2 tables called **product** and **purchase**. The attributes for each of the tables as shown below.



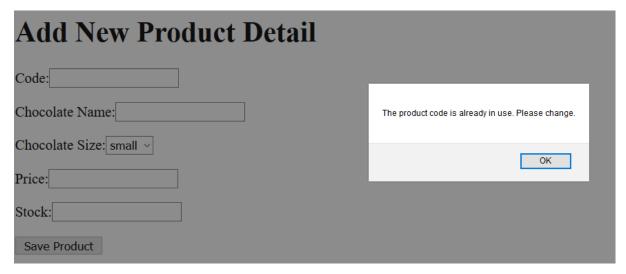
#	Name	Туре	Collation	Attributes	Null	Default	Comments	Extra
1	purchase_id 🔑	int(11)			No	None		AUTO_INCF
2	purchase_name	varchar(100)	latin1_swedish_ci		No	None		
3	purchase_quantity	int(3)			No	None		
4	purchase_product_price	decimal(5,2)			No	None		
5	purchase_product_code	char(5)	latin1 swedish ci		No	None		

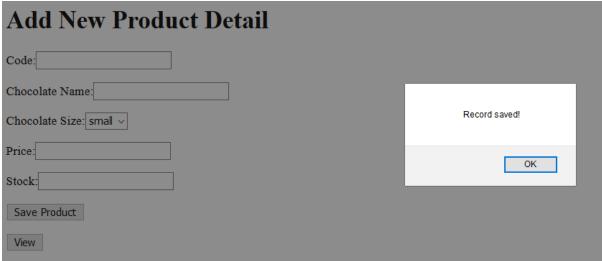
2. Create the PHP web pages.

- Go to **C:** drive. Double click on **XAMPP**. Double click on **htdocs**. In this **htdocs** folder create another folder called **Lab12**.
- All the files for this lab must be saved into this Lab12 folder.
- Run each of your lab questions as shown below:
 - Open any browser.
 - Type at the URL: <a href="http://localhost/Lab12/<filename.php">http://localhost/Lab12/<filename.php. Please DO NOT double click on the php file to execute it.

3. Add New Product

- Open the add_product.php file in Notepad++.
- Write the PHP codes to insert a new product record.
- Make sure to check the product code is not duplicated in the table. If the same product code is entered more than once, a JavaScript error message must be displayed.
- After a record is successfully inserted into the table, display a JavaScript alert as shown below.



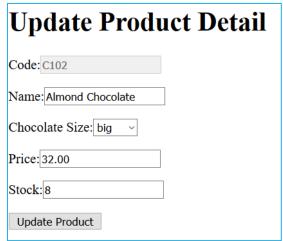


4. View Product List

- Open the product_list.php file in Notepad++.
- Write the PHP codes to display all the records from the product table as shown below.

Product Code	Product Name	Product Quantity	Action		
C101	Love Signature Chocolates Box (15 pieces)	15	Buy Now	Edit Delete	
C102	Almond Chocolate	8	Buy Now	Edit Delete	
C117	Chocolates 4 Bar Holiday Gift Box	20	Buy Now	Edit Delete	
C120	Dark Chocolate	9	Buy Now	Edit Delete	
C121	Chocolate Covered Strawberries	0	Buy Now	Edit Delete	
CD106	Sweet Honey Chocolate	10	Buy Now	Edit Delete	

• If the **Edit** link is clicked, redirect the user to the **edit.php** file and display the chosen product's details as shown below.

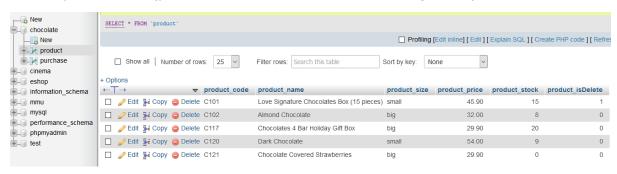


- When the **Update Product** button is clicked, the chosen product will be updated with the new data. The product code cannot be updated.
- Next redirect the user back to the **product_list.php** page.

- If the **Delete** link is clicked, show a JavaScript confirm pop-up box to the user.
- If the user clicks OK, delete the chosen record. Do not completely delete the record from the table. Set the **product_isDelete** attribute to 1. This means that the record will still be in the table but will not be displayed to the customer.

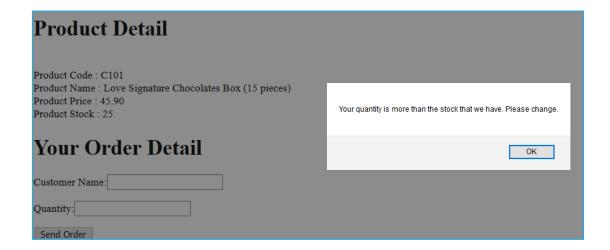


The product table(product_isDelete is set to 1 for Love Signature):



- If the **Buy Now** link is clicked, redirect the user to the **purchase.php** page. Pass the chosen product code to this page.
- In the **purchase.php** page:
 - o Display the product details on the top.
 - \circ $\,$ At the bottom show a form for the user to enter their name and quantity required.
- Make sure the **quantity** required is lesser than the stock level.
- Insert the new purchase record into the **purchase table**.
- Update the latest balance for the product in the product table.

Product Detail
Product Code: C101 Product Name: Love Signature Chocolates Box (15 pieces) Product Price: 45.90 Product Stock: 25
Your Order Detail
Customer Name: Yap Hui Yen
Quantity: 10
Send Order



5. View all orders

- Open the **order_details.php** file in Notepad++.
- Write the PHP codes to display the orders made by customers as shown below.
- Create a button called "View Order" in add_product.php. Connect it with order_details.php file.

List of Product Orders

Purchase Id	Customer Name	Product	Quantity	Payment (RM)
8	Yap Hui Yen	Love Signature Chocolates Box (15 pieces)	10	459.00
9	Khoh	Chocolate Covered Strawberries	50	1,495.00

Add New Product Detail
Code:
Chocolate Name:
Chocolate Size: small >
Price:
Stock:
Save Product
View View Order