COS10011 CREATING WEB APPLICATION ASSIGNMENT 2 GROUP REPORT

Group members:

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Tutorial Group: 2

Where and how PHP is implemented

Reuse common elements

Common elements inside a web site such as header, footer and navigation has been rewritten into PHP scripts because PHP allows us to modularize and reuse our web scripts. All other html files have also been converted into PHP files to fulfill the requirements of Assignment 3.

Create database table

```
//create connection

Goons = new mysqli(Servername, Susername, Spassword, Sdbname);

// Check connection

// Check
```

An enquiry table has been created on the MySQL database to record down all enquiry form submitted by our valuable customer via enquiry.html. There is a total of twelve column in the table which are id, first name, last name, email, phone number, street address, city, postcode, product, comment and register date. All data types in the table matches validation rules that are defined in Assignment 2. At the end of the form, there will be a submit button. On clicking the button, all information of the enquiry form will be sent to the server to be processed by enquiry process.php and stored into the table.

enquiry_process.php

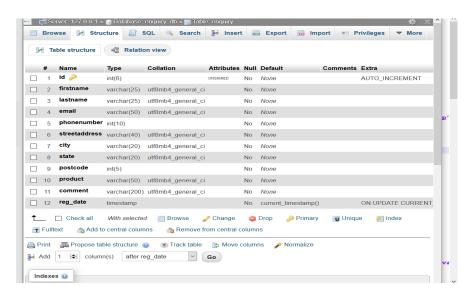
Server-side data validation checking has been implemented into this PHP file to preserve the integrity of the server data. All data will be validated before storing into the database. Before validating the data, a test_input() function is created to strip unnecessary characters such as extra space, tab, and new line from the user input data by using trim(). Other than that, stripslashes() has also been implemented into the function to remove backslashes and htmlspecialchars() is used to encode user input. (\$_SERVER["REQUEST_METHOD"] == "POST") is to check whether the form has been submitted using the method post. If it has not been submitted through post, the validation will not run and it will display a blank form. After that, empty() is used to check whether the value of the variable is empty or what. If the variable is not empty, the validation will run. Strlen() is used to validate the user's first name, last name, address, city, postcode and phone number, if the string length exceed the estimated range, an error message will prompt. Other than that, !preg_match() is used to check whether the variables only contain expected characters, if not it will prompt an error message.

view_enquiry.php

This page will only allow the online business owner to view all enquires that are submitted by their customer. This page will retrieve all the enquiry data from the MySQL database and

display in this website. By using the mysqli_fetch_assoc(), all data from the table will be able to retrieve and display by using echo. (mysqli_num_rows(\$result) > 0) will be used to check if the table is empty or not. die("Connection failed: ". mysqli_connect_error()); will be used to prompt error message, when it failed to connect the database.

MySQL database schema



Contribution

Team Member 1	Lim Yuan Shen
Contribution (%)	35 %
List of	Create database table, enquiry_process.php and the report
Contribution	about the create database table and enquiry_process.php.
Team Member 2	Nathan Yong Hao Woei
Contribution (%)	35 %
List of	View_enquiry.php and enhancement, the report about the
Contribution	view_enquiry.php and enhancement.
Team Member 3	Daniel Cornelius Wong Yui Herng
Contribution (%)	30 %
List of	Reuse common elements section, create database and report
Contribution	about the reuse common element section.