CST8259 Web Programming Language II

Lab 4

Objective

Use PHP SimpleXML to process XML documents.

Due Date

See Brightspace posting for the due date of this lab. To earn 5 points, you are required:

1. Complete the lab as required.

2. Submit your lab work to the Brightspace before the due date.

3. Demo your lab work during the lab session in the week after the due date.

Requirements

1. Set up an IDE for PHP web application development. AMPPS/NetBeans IDE for PHP is recommended as in course **CST8257 Web Application Development**, but you can use whichever Apache/PHP IDE you are familiar with.

   If you no longer have PHP IDE on your laptop, you should follow lab 1 instructions of the course **CST8257 Web Application Development** to set up the IDE for PHP.
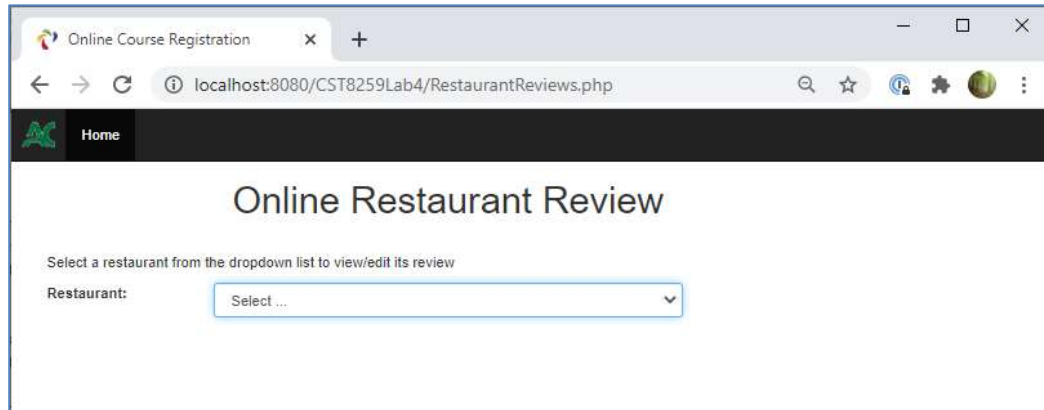
2. Create a PHP web application that uses PHP **SimpleXML** to access your **restaurant_review.xml** file. The PHP web application should have the following functionality:

   Note:
   a) For simplicity, change to use default namespace if the Restaurant_Review.xml has a namespace pre-fix.

   b) As a level-4 web developer, you should professionally style your web pages. At minimum, all elements on the page should be properly aligned and spaced.

   c) You can down **Lab4Common.zip** file from the Brightspace, unzip the file to get a Common folder, copy this folder into your lab 4 project. This folder contains a header.php and a footer.php file for you to include in your php
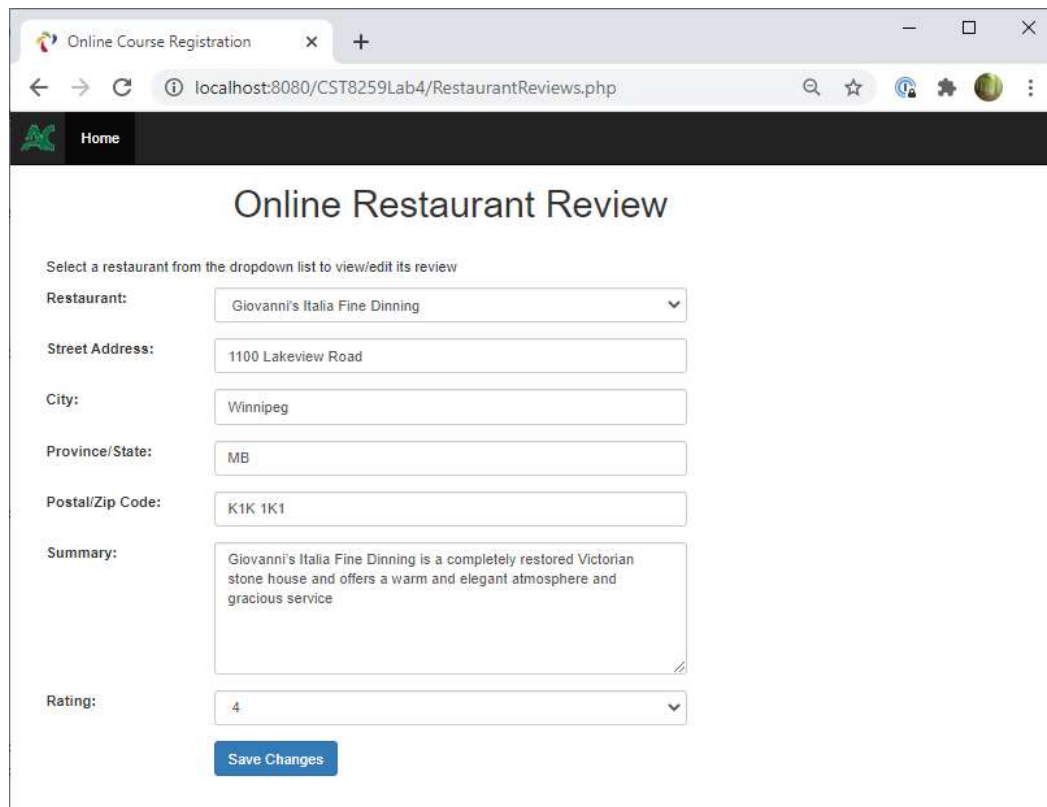
page. The header and the footer also contain links to Bootstrap and JQuery libraries you can use to style your page.

- On start the page displays a dropdown list of restaurant names in your **restaurant_review.xml** file
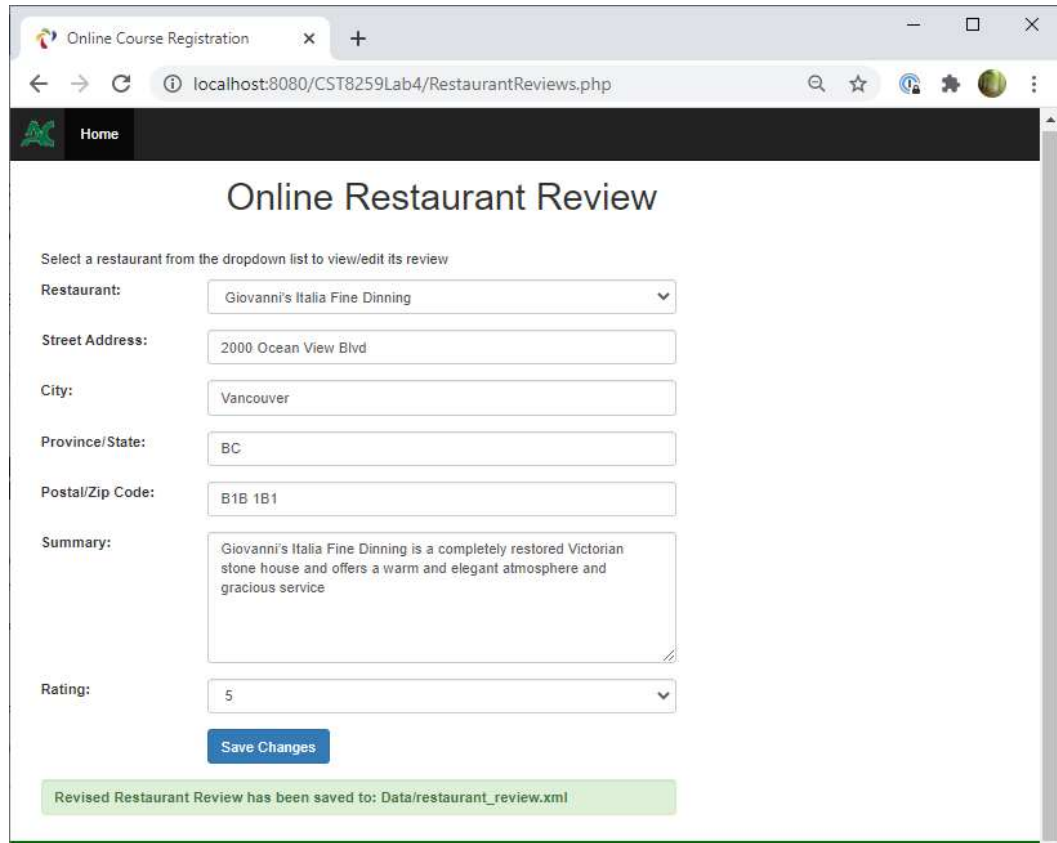

- When the user selected a restaurant from the restaurant name dropdown list, the page displays the restaurant's address (text fields, one for each element inside the address element), review summary (text area field) and rating (a dropdown list) as shown below:

Note: The rating dropdown list should range from the value of attribute min to the value of attribute max of the rating element.

- The user can edit the restaurant's address, review summary, select a different rating from the dropdown list and click Save Changes button to save the changes to restaurant_review.xml file. Once successfully saved, the page displays a confirmation message to the user: