

CST8259 Web Programming Language II

Lab 7 – Part 2

Objective

Create a PHP application as a client of a Restful Web Service API.

Due Date

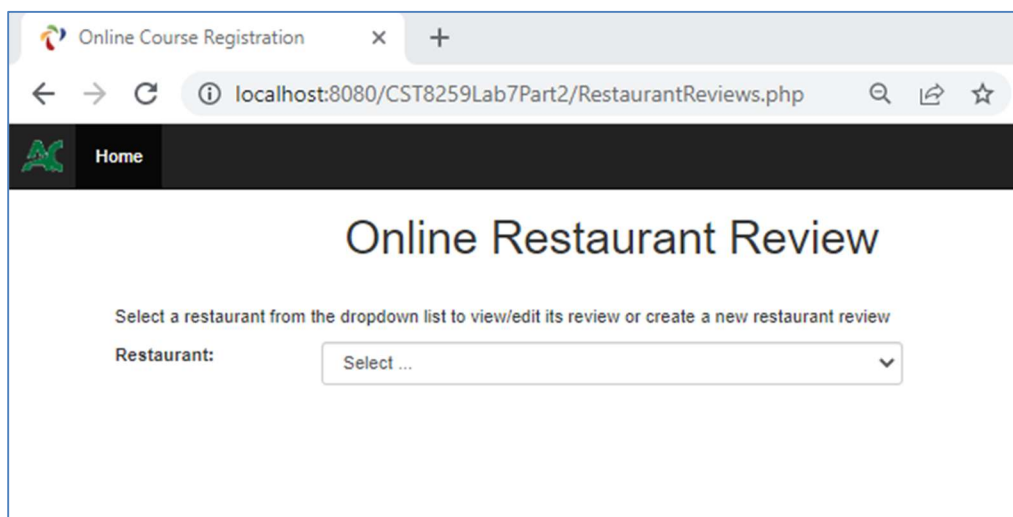
See Brightspace posting for the due date of this lab. To earn points, you are required:

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.

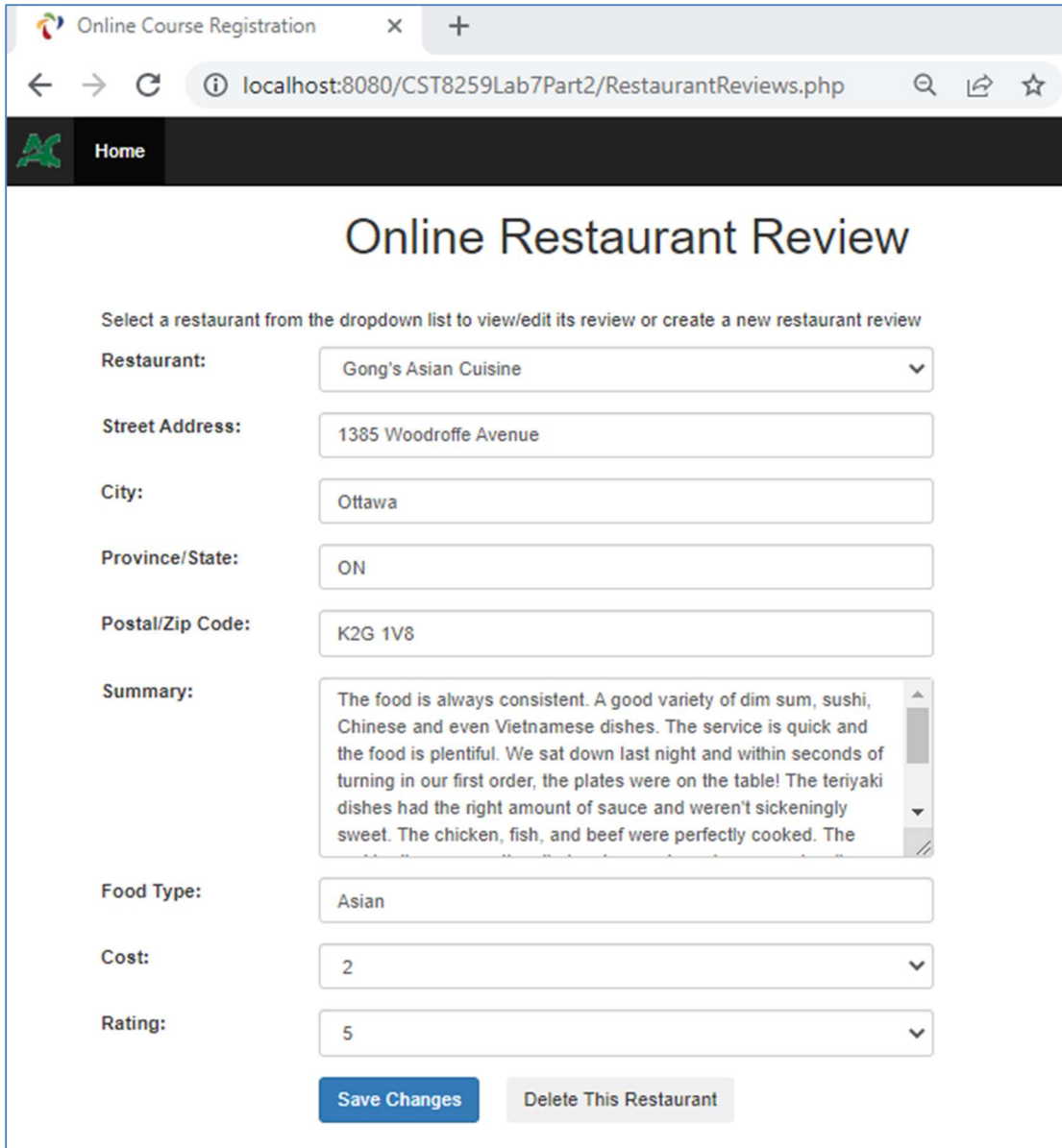
Requirements

Note: The URLs of the Restaurant Review Web API should be kept in an initialization (.ini) file.

1. On start the page displays a dropdown list of restaurant names obtained from the restaurant review web service API you create in part 1 of this lab or part 1 of lab 6.



2. When the user selected a restaurant from the restaurant name dropdown list, the page displays the restaurant data obtained from Restaurant Review Web API

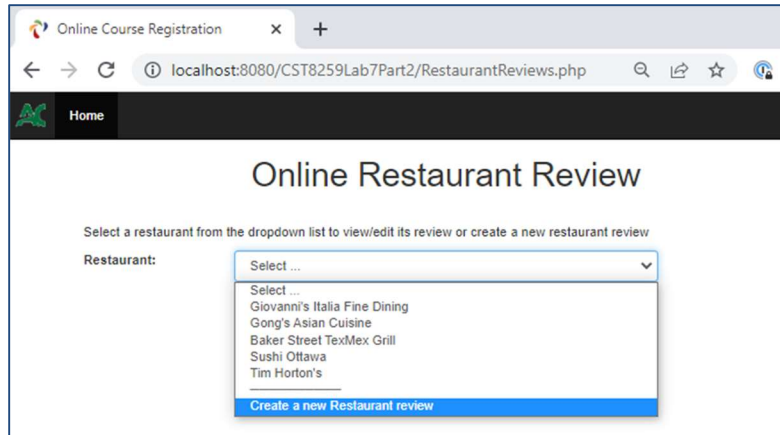


The screenshot shows a web browser window with the title 'Online Course Registration'. The address bar shows 'localhost:8080/CST8259Lab7Part2/RestaurantReviews.php'. The page has a dark header with a 'Home' link and a green logo. The main content area is titled 'Online Restaurant Review'. Below the title, there is a instruction: 'Select a restaurant from the dropdown list to view/edit its review or create a new restaurant review'. The form contains the following fields:

- Restaurant:** A dropdown menu with 'Gong's Asian Cuisine' selected.
- Street Address:** A text input field containing '1385 Woodroffe Avenue'.
- City:** A text input field containing 'Ottawa'.
- Province/State:** A text input field containing 'ON'.
- Postal/Zip Code:** A text input field containing 'K2G 1V8'.
- Summary:** A text area containing a review: 'The food is always consistent. A good variety of dim sum, sushi, Chinese and even Vietnamese dishes. The service is quick and the food is plentiful. We sat down last night and within seconds of turning in our first order, the plates were on the table! The teriyaki dishes had the right amount of sauce and weren't sickeningly sweet. The chicken, fish, and beef were perfectly cooked. The'.
- Food Type:** A dropdown menu with 'Asian' selected.
- Cost:** A dropdown menu with '2' selected.
- Rating:** A dropdown menu with '5' selected.

At the bottom of the form, there are two buttons: 'Save Changes' (blue) and 'Delete This Restaurant' (grey).

3. 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 the Restaurant Review Web API. Once successfully saved, the page displays a confirmation message to the user.
4. The user can click **Delete This Restaurant** button to delete this restaurant review from Restaurant Review Web API. Once successfully deleted, the application redirected to its initial display as in 1 with the deleted restaurant removed from the dropdown list.
5. From the dropdown, the user can select **Create a new Restaurant Review** to display entry fields for create a new restaurant review.



Online Course Registration x +

localhost:8080/CST8259Lab7Part2/RestaurantReviews.php

Home

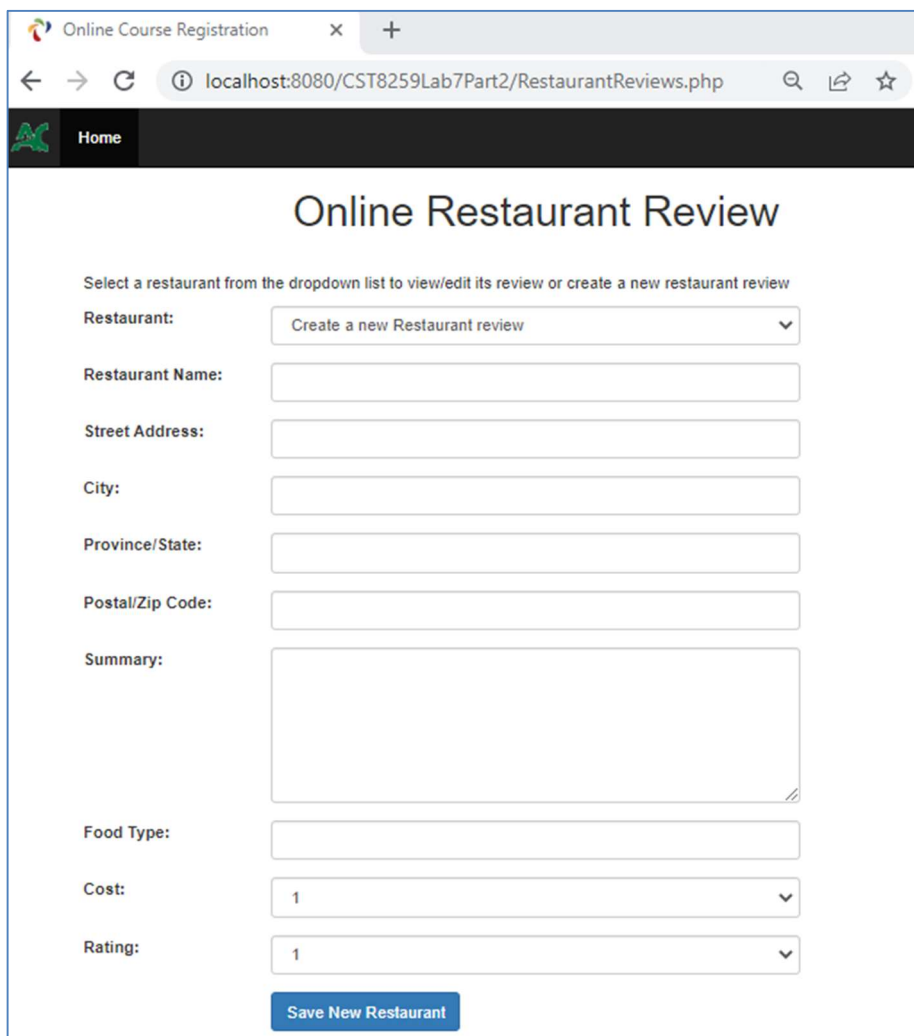
Online Restaurant Review

Select a restaurant from the dropdown list to view/edit its review or create a new restaurant review

Restaurant:

- Select ...
- Giovanni's Italia Fine Dining
- Gong's Asian Cuisine
- Baker Street TexMex Grill
- Sushi Ottawa
- Tim Horton's

Create a new Restaurant review



Online Course Registration x +

localhost:8080/CST8259Lab7Part2/RestaurantReviews.php

Home

Online Restaurant Review

Select a restaurant from the dropdown list to view/edit its review or create a new restaurant review

Restaurant:

Restaurant Name:

Street Address:

City:

Province/State:

Postal/Zip Code:

Summary:

Food Type:

Cost:

Rating:

Save New Restaurant

After entering all fields for a new restaurant review, user can click **Save New Restaurant** button to save the new restaurant review to the Restaurant Review Web API. Once successfully saved, the application redirected to its initial display as in 1 with the new restaurant added to the dropdown list.