

CST8259 Web Programming Language II

Lab 6 – Part 2

Objective

Create a client of Restful Web API with ASP.NET Core

Due Date

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

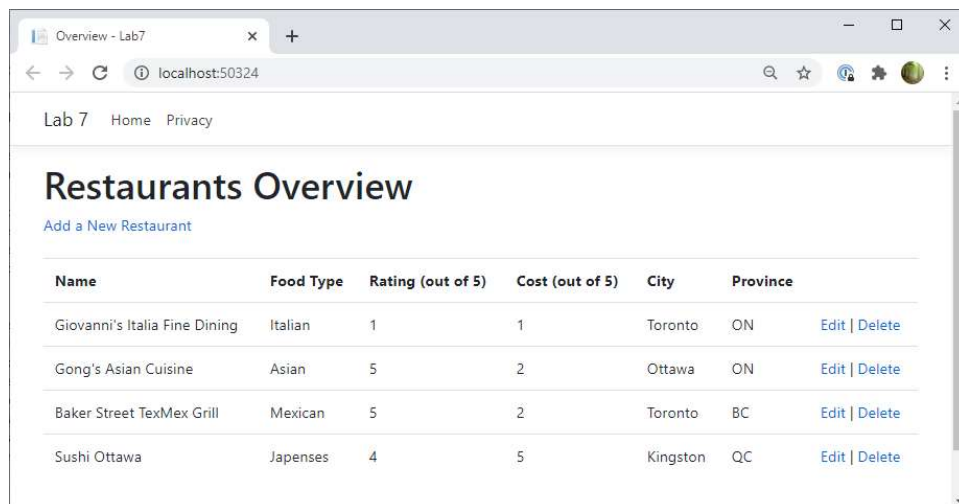
1. Complete the lab as required.
2. Submit your lab work to the Brightspace before the due date.
3. Demo your lab work during the following week's lab sessions.

Requirements

1. Revise your lab 3 to create an ASP.NET MVC Core web application as the client of the **RestaurantReview Web API** which you deployed to your laptop's IIS in **Lab 6 – Part 1** to get the information about the restaurant reviews to complete the same functionality as required by Lab 3.

Notes:

1. For simplicity, change the province dropdown to a text input field.
 2. The restaurant information (names, addresses, ratings, and summaries) should come from the Web API deployed on IIS.
 3. You can use **RestaurantInfo** as Model class for both Overview and Edit Views.
2. On its Index view, it shows all restaurant reviews received from the RestaurantReview Restful API as:

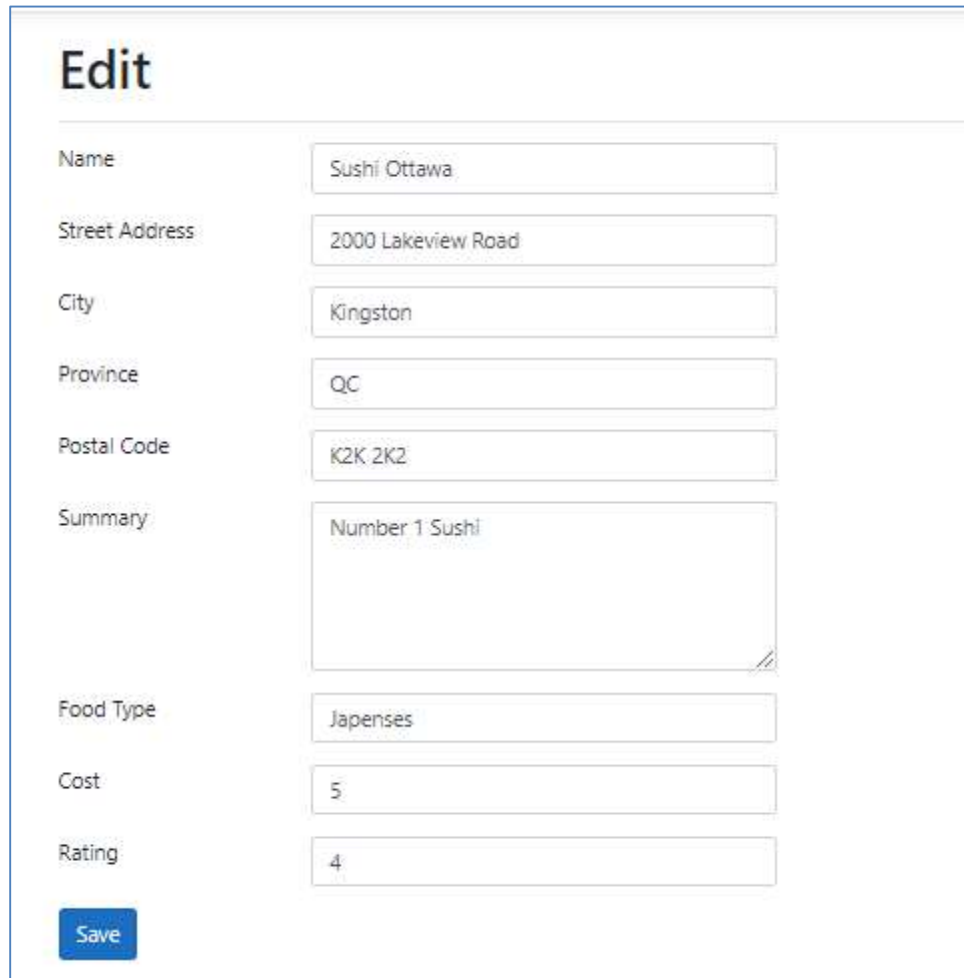


Name	Food Type	Rating (out of 5)	Cost (out of 5)	City	Province	
Giovanni's Italia Fine Dining	Italian	1	1	Toronto	ON	Edit Delete
Gong's Asian Cuisine	Asian	5	2	Ottawa	ON	Edit Delete
Baker Street TexMex Grill	Mexican	5	2	Toronto	BC	Edit Delete
Sushi Ottawa	Japenses	4	5	Kingston	QC	Edit Delete

3. When the user clicks the Delete link next to a restaurant, the application deletes the review of the restaurant from the server.

After successfully deleting the specified restaurant review from the server, it returns to the Index view to show all remaining restaurant reviews.

4. When the user clicks the Edit link next to a restaurant, it presents the Edit view prefill with the restaurant's data for editing.



The screenshot shows a web form titled "Edit" for editing a restaurant review. The form contains several input fields with pre-filled data:

Field	Value
Name	Sushi Ottawa
Street Address	2000 Lakeview Road
City	Kingston
Province	QC
Postal Code	K2K 2K2
Summary	Number 1 Sushi
Food Type	Japenses
Cost	5
Rating	4

At the bottom left of the form is a blue "Save" button.

After the user clicks **Save** button, if the updated restaurant review is successfully saved to the server, it returns to the Index view of the application.

5. On the Index view if the user clicks the **Add a New Restaurant** link, the application shows Create a **New Restaurant Review** for the user to enter data of a new restaurant review.

Create a New Restaurant Review

Name	<input type="text"/>
Street Address	<input type="text"/>
City	<input type="text"/>
Province	<input type="text"/>
Postal Code	<input type="text"/>
Summary	<input type="text"/>
Food Type	<input type="text"/>
Cost	<input type="text"/>
Rating	<input type="text"/>

After the user clicks **Save** button, if the new restaurant review is successfully saved to the server, it returns to the Index view of the application to show the list of restaurant reviews including the new restaurant review.