

# Programming Assignment 1

## Topics in Data Management – Web Services

Pooja Shah

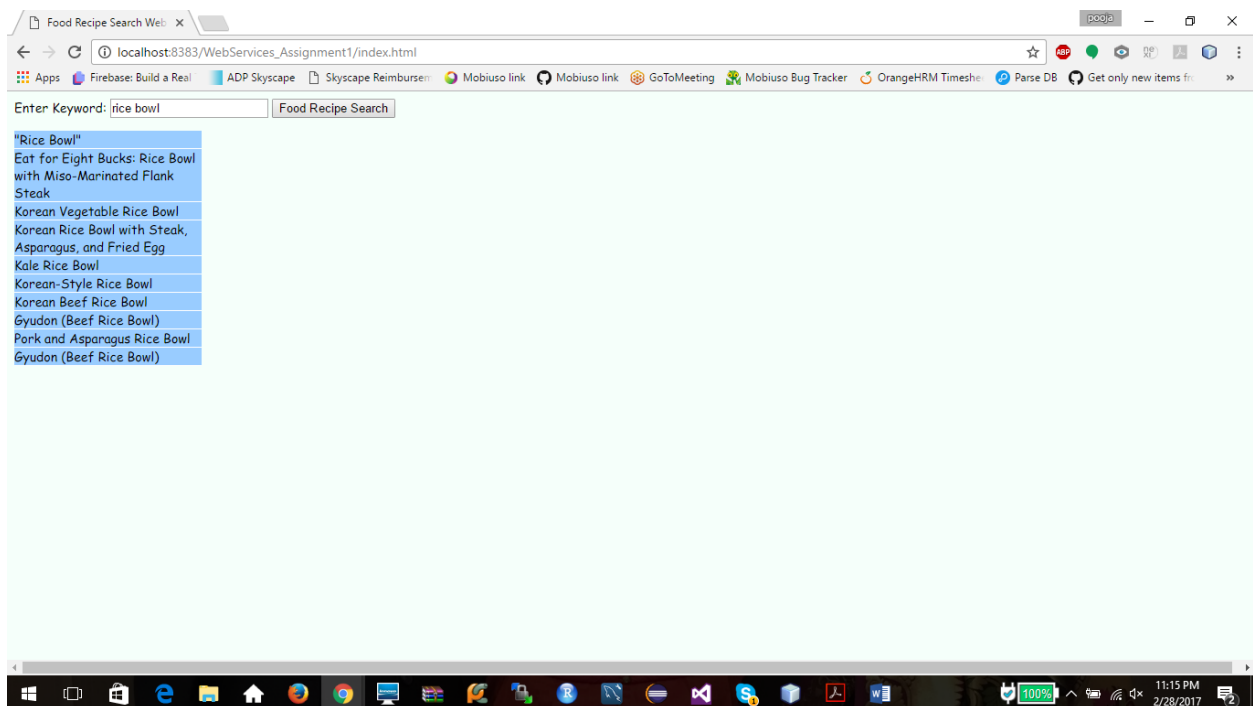
### *Design of the application:*

The application I have developed takes in the food as input from the user to tell the user which food recipe he wants to look for. When entering the food recipe as input, the list of recipes that matches the food recipe he entered is displayed. The list of recipes is fetched from Edamam Recipe Search API. When the user clicks on a food recipe which are displayed, details about the recipe are displayed. Recipe details includes the picture of the food, name of the recipe, the source, its ingredients and preparation steps which is a link to some other website. The user enters the city name to find the restaurants that serve the clicked food recipe. A list of restaurants serving that food recipe is displayed. The list of restaurants is fetched from Yelp Search API. On click of a restaurant, details of the restaurants such as the name of restaurant, its picture, its address and contact number are displayed. The location of that clicked restaurant is also displayed on Google Maps which is fetched from Google Maps JavaScript API.

### *Screenshots:*

Below show the steps for running the application:

#### Entering food recipe name:



## On click of a food recipe:

Food Recipe Search Web: x


localhost:8383/WebServices\_Assignment1/index.html

Enter Keyword: rice bowl Food Recipe Search

Enter city:   
Where is my food?

**"Rice Bowl"**

- Eat for Eight Bucks: Rice Bowl with Miso-Marinated Flank Steak
- Korean Vegetable Rice Bowl
- Korean Rice Bowl with Steak, Asparagus, and Fried Egg
- Kale Rice Bowl
- Korean-Style Rice Bowl
- Korean Beef Rice Bowl
- Gyudon (Beef Rice Bowl)
- Pork and Asparagus Rice Bowl
- Gyudon (Beef Rice Bowl)



**Korean Beef Rice Bowl**

Source: Steamy Kitchen  
Calories: 2403.29 cal

**Ingredients:**

- 2 cup raw rice
- 1 lb beef - see headnote
- 2 tbsp soy sauce
- 1 tsp sesame oil
- 1 tsp grated fresh ginger
- 1 x garlic clove, finely minced
- 1 tbsp brown sugar
- 1 1/2 tbsp cooking oil
- 1/2 x onion, diced
- 1 x large carrot, cut into matchsticks - or 1 cup matchstick cut carrots
- 1 x small zucchini, diced
- 2 x handful of spinach leaves
- 1 tbsp roasted sesame seeds

Instructions

## Entering the city name:

Food Recipe Search Web: x

localhost:8383/WebServices\_Assignment1/index.html

Enter Keyword: rice bowl Food Recipe Search

Enter city: Rochester  
Where is my food?

**"Rice Bowl"**

- Eat for Eight Bucks: Rice Bowl with Miso-Marinated Flank Steak
- Korean Vegetable Rice Bowl
- Korean Rice Bowl with Steak, Asparagus, and Fried Egg
- Kale Rice Bowl
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Instructions

Shema Sushi  
Sodam Korean Restaurant  
Young's Korean Restaurant  
Seoul House Korean Restaurant  
ButaPub  
Furoshiki  
White Swans Asia Cafe  
Shui Asian Fusion  
Yummy Garden Hot Pot  
Han Noodle Bar  
Shiki  
Chen Garden Restaurant  
The Wok  
Golden Port Dim Sum  
Mamasan's  
Chakara Sushi & Bar  
P.F. Chang's

## Clicking a restaurant:


Food Recipe Search Web: x

localhost:8383/WebServices\_Assignment1/index.html

Enter Keyword:  Food Recipe Search

**"Rice Bowl"**

- Eat for Eight Bucks: Rice Bowl with Miso-Marinated Flank Steak
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**Korean Beef Rice Bowl**

Source: Steamy Kitchen

Calories: 2403.29 cal

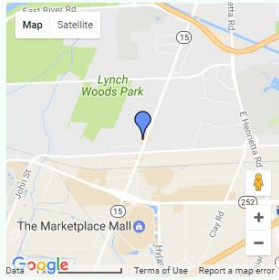
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- 1 x small zucchini, diced
- 2 x handful of spinach leaves
- 1 tbsp roasted sesame seeds

[Instructions](#)

Enter city:  Where is my food?

- Shema Sushi
- Sodam Korean Restaurant
- Young's Korean Restaurant
- Seoul House Korean Restaurant
- ButaPub
- Furoshiki
- White Swans Asia Cafe
- Shui Asian Fusion
- Yummy Garden Hot Pot
- Han Noodle Bar
- Shiki
- Chen Garden Restaurant
- The Wok
- Golden Port Dim Sum
- Mamasan's
- Chakara Sushi & Bar
- P.F. Chang's



**Seoul House Korean Restaurant**

2805 W Henrietta Rd, Rochester, NY 14623

Contact: +1-585-424-2220

Ratings: 3.5

## If no restaurant found, alert box displayed:

Food Recipe Search Web: x

localhost:8383/WebServices\_Assignment1/index.html

Enter Keyword:  Food Recipe Search

localhost:8383 says:  
No nearby restaurants found

[OK](#)

**Rotisserie Chickens**

Source: Bon Appetit

Calories: 7045.10 cal

**Ingredients:**

- 2 tablespoons (1/4 stick) butter, room temperature
- 2 tablespoons dried herbes de provence\*
- 1 tablespoon coarse kosher salt
- 2 (3 1/2-pound) chickens

[Instructions](#)

Enter city:  Where is my food?