

The data set we will be using is the dataset from the Yelp Dataset challenge. This dataset includes information (like name, address, price, ratings, etc) about thousands of various businesses. For our purposes, we will only be using the data on restaurants. The dataset can be found here: [https://www.yelp.com/dataset\\_challenge](https://www.yelp.com/dataset_challenge). We already have downloaded the file from that website. We were able to do so after signing Yelp's Terms of Use and creating an account with them. We are allowed to use this dataset for academic purposes. The first question in the frequently asked questions section in the homepage for the Yelp Dataset challenge (found on [https://www.yelp.com/dataset\\_challenge](https://www.yelp.com/dataset_challenge)) makes it clear that the dataset can be used for class assignments. The answer to this question explains that as long as the assignment is academic in nature and everyone working on the assignment will agree with and sign Yelp's Terms of Use (found on [https://www.yelp.com/html/pdf/Dataset\\_Challenge\\_Academic\\_Dataset\\_Agreement.pdf](https://www.yelp.com/html/pdf/Dataset_Challenge_Academic_Dataset_Agreement.pdf)), we are allowed to use the dataset for academic purposes. We have both agreed to the Terms of Use, and are therefore now allowed to use this dataset.

We will now consider the features that we want our web application to include. We have ordered them from most to least important.

List of Features:

1. Search page
  1. Search by Location
  2. Search by Food Categories
  3. Allow search for restaurants open now
  4. Search by Price Range
  5. Search by Rating
  6. Search by Other Features
2. Search results page
  1. Presents a list of about ten restaurants based on what the user searched for
  2. Allows users to click on these restaurants for more info
3. Detailed restaurant info page
  1. Includes info from the Search page as well as Hours and more detailed info on parking

We have created some mockups for our webpage, and will include them below.

<http://restaurantfinder.com/>

## Nicki and Teddy's Restaurant Search

### Location

Country  ▼

State  ▼

City

### Categories

- |                                     |   |
|-------------------------------------|---|
| <input type="checkbox"/> Sushi      | <input type="checkbox"/> Burgers        |
| <input type="checkbox"/> Pizza      | <input type="checkbox"/> American       |
| <input type="checkbox"/> Salad      | <input type="checkbox"/> Ice Cream      |
| <input type="checkbox"/> Seafood    | <input type="checkbox"/> Caribbean      |
| <input type="checkbox"/> Barbeque   | <input type="checkbox"/> Indian         |
| <input type="checkbox"/> Chinese    | <input type="checkbox"/> Chicken Wings  |
| <input type="checkbox"/> Filipino   | <input type="checkbox"/> Fast Food      |
| <input type="checkbox"/> Vegetarian | <input type="checkbox"/> Coffee and Tea |

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Minimum Rating  ▼

### Features

- ☐ Takes Reservations
- ☐ Delivers
- ☐ Take-Out
- ☐ Accepts Credit Cards
- ☐ Good for Kids
- ☐ Dogs Allowed
- ☐ Outdoor Seating
- ☐ Wheelchair Accessible
- ☐ Parking Available
- ☐ Open Now



Some text

http:// restaurantfinder/searchresults



## Search Results

1. Restaurant Name: Marco's Pizza

Address: 5061 E Sahara Ave, Las Vegas, NV, USA

Categories: Pizza

Price Range: \$\$

Rating: 4.0

2. Restaurant Name: ...

Address: ...

Categories: ...

Price Range: ...

Rating: ...

...(displays top 10 results)



## Restaurant Name

### Summary

Address

Price Range

Hours: ...

Categories: ...

### Ratings

Rating

Number of Reviews

### Useful Information

Delivers? (Y/N)

Take out Available? (Y/N)

Takes Reservations? (Y/N)

Accepts Credit Cards? (Y/N)

Outdoor Seating Available (Y/N)?

Wheelchair Accessible (Y/N)?

Good For Kids? (Y/N)

Dogs Allowed (Y/N)?

### Parking

Garage Parking Available (Y/N)?

Street Parking Available (Y/N)?

Valet Parking Available (Y/N)?

Lot Parking Available (Y/N)?

Validated Parking Available (Y/N)?

