CS 503 Project

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Domain of Interest

"Holler!" inspired by the popular "Yelp" application.

Allows users to list their top 10 restaurants within certain criteria: specified price range, cuisine type, and/or dining experience.

The objective of our project is to assist users in the online search for a restaurant in a simple and efficient way, based on user input.

We are able navigate user input in the form of a ranking system, where users can update their list of top 10.

Entity Relationship Model

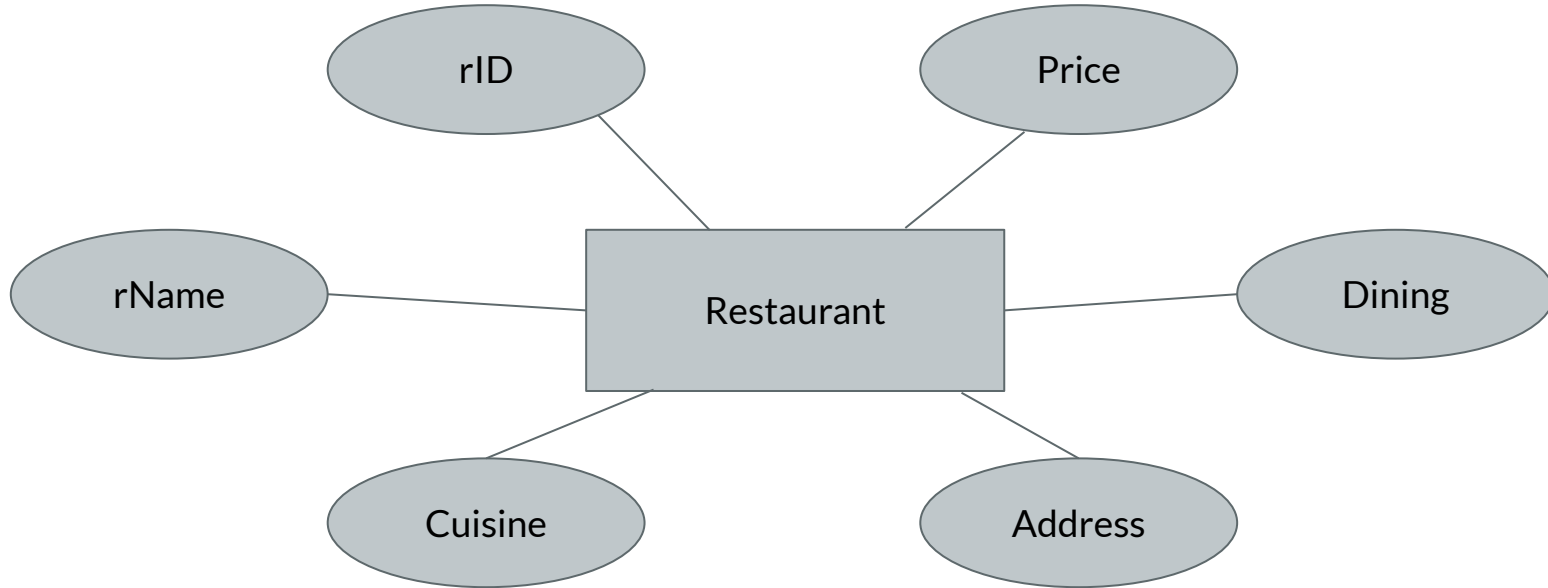Each restaurant is its own entity with the following attributes:

Restaurant Name, Restaurant ID, Address, Price Range, Cuisine, and Dining Experience.

Price Range: $ (Under $10), $$ ($11 - $30), $$$ ($30 - $60)

Cuisine: American, Italian, Chinese, Japanese, Mexican, Mediterranean, Indian

Dining Experience: Dine In, Take Out/Delivery

Entity Relationship Model

SQL Backend Database

PHP Frontend Web Page

Work flow of the webpage with the database

Assumptions and Limitations

Overall, our group had an enjoyable time building this project and learning through a hands-on and creative assignment.

We assumed that connecting our SQL backend database to our PHP webpage would be easier than anticipated, but it was a great learning experience and debugging challenge for our group.

One limitation that our group reached was our ability to provide a truly extensive amount of filters for our user to specify when searching for a restaurant.

We limited ourselves to three filters, as providing more options became time consuming and tedious when building our database.