Restaurant Recommender

The Restaurant Recommender is intended to make life easier for people who use it in choosing restaurants. It provides recommendations based on users' addresses with certain parameters in mind. It is meant to be a demo project with sample data of about 50-100 restaurants in one or more cities based on Silicon Valley researched from Yelp. If the demo is successful, perhaps plans for a more comprehensive app would be in play. There will be multiple classes put together to complete the project. All classes would come with error messages or exceptions if the user puts the wrong type of information. Details about each class are as follows (classes are subject to change).

Class: Address

- In this class, the user will input their address.
- For this app, one or more cities would be taken into consideration.
- Users will be prompted to put their address with a note on what specific city/cities is/are designated.
- All available restaurants from our sample data within 5-10 miles of the address would be determined

Class: Dietary Preference

- In this class, the user would input their dietary preference:
    - Vegetarian, Vegan, or Neither.
- All available restaurants with user's dietary preferences would be determined from our sample data.

Class: Budget

- In this class, the user would be prompted to put their budget level with the $ ranking system. More $ signs will signify more expensive food and vice versa.

Class: Ratings

- In this class, the user would be prompted to put their rating preference with star ranking system with more stars meaning higher ratings and vice versa.

Class: Food Type

- In this class, the user would be prompted to select their food preferences, such as Asian, Mexican, Burgers, Italian, Greek, and fast food.

Class: Options-change (Optional, depending on coding need, might be incorporated into other classes)

- In this class, the user would be prompted on whether they want to change their address, dietary preference, budget, ratings, or food types.

Class: Recommendations

- In this class, the user would be shown recommendations based on the information they had entered.
- If there are no recommendations, the user would be asked to change the information they had entered.