

Restaurant Reviewer USER GUIDE

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OVERVIEW

This program is a useful tool allow users to rate and track performance standards of restaurants that they visit. Users are able to import existing data into the program and view, remove or add new data which is then exportable into a data.csv file. The inspiration for this program came from the restaurant and consumer dataset on the UCI dataset webpage at <https://archive.ics.uci.edu/ml/datasets/Restaurant+%26+consumer+data>.

GUIDE

First Steps

The user will first be presented description of the program as well as a menu from which they can proceed throughout the program. At this stage the program will import the data from the "data.csv" file. Please ensure this file exists before running the program.

Menu

The user will need to select a number between 1 and 5 as per the below screenshot.

```
This program has been designed to allow you to submit feedback for restaurants.
```

```
[1] Add New Restaurant Rating
[2] Display Existing Ratings
[3] Remove A Rating
[4] Save All Changes
[5] Exit
```

```
Choose an option
```

If the user selects 1, they will be taken to a part of the program which allows them to add new restaurant data.

If the user selects 2, they will be taken to a part of the program that will display all existing entries in a nice and clean format.

If the user selects 3, they will be guided through removing an entry.

If the user selects 4, the program will save all data into a new/existing file. The user will have the option to name the file.

If the user selects 5, the program will exit.

If the user selects anything else, the program will let them know it was an incorrect input and that they need to try again.

Adding data

The user will be presented with numerous prompts allowing them to input data in as per the below screen shot. The restaurant and suburb questions can have anything inputted there, the food, service and cost ratings are able to be decimal points and are out of 10, however the overall rating is required to be a whole number and is also out of 10.

```
Please enter restaurant: Milky Lane
Enter the suburb: Campbelltown
The following are out of 10
Enter the Food Rating: 6.7
Enter the Service Rating: 8.6
Enter the Cost Rating: 4.5
Overall rating must be a whole number out of 10
Enter your Overall Rating: 7
```

Displaying Data

If the user selects to display the existing data, the program will display it in a nice and easy to read format as per the below and will prompt the user to click enter to continue when ready.

```
Restaurant: McDonalds
Location: Gregory Hills
Food Rating: 6.2/10
Service Rating: 5.5/10
Cost Rating: 8.8/10
Overall Rating: 8/10
```

```
Restaurant: milky lane
Location: campbelltown
Food Rating: 6.7/10
Service Rating: 8.6/10
Cost Rating: 4.5/10
Overall Rating: 7/10
```

```
Click enter to continue|
```

Removing a value

If the user selects to remove a value, the user will be required to enter the name of the restaurant they are trying to remove. If there is a match this restaurant and its ratings will be removed.

Saving All Data

If the user selects to save all data, the program will then save all data to the "data.csv" file in the program's directory. Please ensure this file exists before running the program.

Closing

When the user is ready to close the application, they need to input the number 5 at the menu. This will then close the program. The user needs to bear in mind that the saving process is a manual process and needs to be actioned before the program is closed.