Homework

Assignment 1

The goal of this test is to implement a sample project, where you visualize a restaurant list. You are able to sort the restaurant list based on it's current openings state, you can favourite a restaurant and you can select a sort value to further sort the list. Finally we would like to see you add the option to filter the restaurant list, based on a restaurant's name. In the attachments you can find a JSON file (sample.json), this file contains all the necessary data to complete this assignment. Parse the JSON file and use it for the visualization and sorting of the list. Use the following priority of the sorting (from the highest to the lowest priority):

1. **Favourites**: Favourite restaurants are at the top of the list, your current favourite restaurants are stored locally on the phone.
2. **Openings state**: Restaurant is either open (top), you can order ahead (middle) or a restaurant is currently closed (bottom). (Values available in sample.json)
3. **Sort options**: Always one sort option is chosen and this can be best match, newest, rating average, distance, popularity, average product price, delivery costs or the minimum cost. (Values available in sample.json)
4. **Filtering**: It's up to you how you how you want to search by restaurant name.

- Please visualize the name of the restaurants, the current opening state, the selected sort, the sort value for a restaurant and if it's a favourite or not.
- Remember if you have multiple favourite restaurants, they are also sorted based on their current openings state and current selected sort.
- We expect valid test cases
- Readme file with all the needed information, how to get the sample project working and verify the test cases.