

Assignment

The goal of this test is to implement a sample project in Php/Javascript, 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. And lastly, you are able to search for restaurants.

All necessary data to complete this assignment is included in **Sample.json**

Use the following priority of the sorting (from the highest to the lowest priority):

- **Favorites** ; Favourite restaurants are at the top of the list.
- **Openings state**: Restaurant is either open (top), you can order ahead (middle) or a restaurant is currently closed (bottom).
- **Sorting** : 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 costs**.
- **Search** : Filter restaurants list by searching for restaurant name.

Requirements

1. Use responsive layout
2. 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.
3. Remember if you have multiple favourite restaurants, they are also sorted based on their current openings state and current selected sort.
4. We expect valid test cases.
5. Include a readme file with all the needed information, how to get the sample project working and verify the test cases.

Bonus

Customers are more willing to order at restaurants near them. As we also like to promote restaurants with high scores, we need to calculate a new sort method called **top restaurant**. Use the following formula to calculate top restaurants:

top restaurants = ((distance * popularity) + rating average).

1. Extend your object with a key *topRestaurants*, which should be a child of *sortingValues*
2. Update your sorting options and add 'Top restaurants'