

Frontend Developer Challenge - bonify

Instructions

- Tasks 1 and 2 must be answered
- Please try to give a really detailed answer as much as you can including the names of tools, approaches, and assumptions.

Thank you for your time and Good Luck!

Task 1 (15 mins)

What are your thoughts about the advantages and disadvantages of using CSS in JS approach?

Expected result: a written detailed explanation of your thoughts.

Task 2 (2h 30 mins)

Please write a web application that will help to choose a venue for lunch.

The application consists of two parts:

1. Getting the recommendations
2. Table for voting.

Prerequisites:

We recommend using [react-create-app](https://react-create-app.net) as a kick-off point for this project.

Get the venue recommendations:

Create your foursquare application at <https://foursquare.com/developers/apps> and get your *Client ID* and *Client Secret*

Build an input field which takes a geocode (ie “10999 Berlin” or “Amsterdam”) and fetches the three most popular venues for lunch from Foursquare API after submission.

You can use following query string:

```
const qs = `
?client_id=CLIENT_ID
&client_secret=CLIENT_SECRET
&query=lunch
&near=${address}
&v=20190724`
```

&limit=3

Build the voting table:

Venues. After venues are fetched, the dashboard should show the three most popular ventures as a column heading. It should contain a link to the venue URL, a rating, and a category.

Votes. User should be able to add rows to the table where they can fill in a *name* in the first column and put the *vote* (only one venue can be selected per user) for the preferred venue. Based on a voting process the winning venue is updated based on the current number of votes.

Once the user requests a new address, the table should be cleared.

The final outcome could look like:

The screenshot shows a web application titled "Lunchplace". At the top, there is a search bar containing "10999 Berlin" and a blue "Search" button. Below the search bar is a table with three columns representing venues: "Falafel in Berlin" (Falafel restaurant, 6 votes), "Baraka" (Turkish restaurant, 7.8 votes, marked as the winner with a green checkmark), and "McDonalds" (Gourmet restaurant, 9.8 votes). The table has a "Participants" column on the left. The participants listed are Max Mustermann, Kevin Müller, Dennis Mustermann, and Donald Trump. Each participant has a green checkmark in the "Baraka" column, indicating they have voted for it. There is an empty row for "Type here" at the bottom of the table. Below the table is a blue "Add participant" button.

	Falafel in Berlin Falafel restaurant	Baraka ✓ Turkish restaurant	McDonalds Gourmet restaurant
Participants	6	7.8	9.8
Max Mustermann		✓	
Kevin Müller	✓		
Dennis Mustermann		✓	
Donald Trump			✓
Type here			

The styling is only a suggestion, shown for example purposes.

Please be so kind as to specify the time you spent on this task.

Expected result: a written working web application including all the requirements mentioned in this task