

FullStack Kart

Summary

Create a simple app that allows users to add grocery items to a virtual cart. This is a full-stack project that requires both a front-end and back-end.

General Requirements

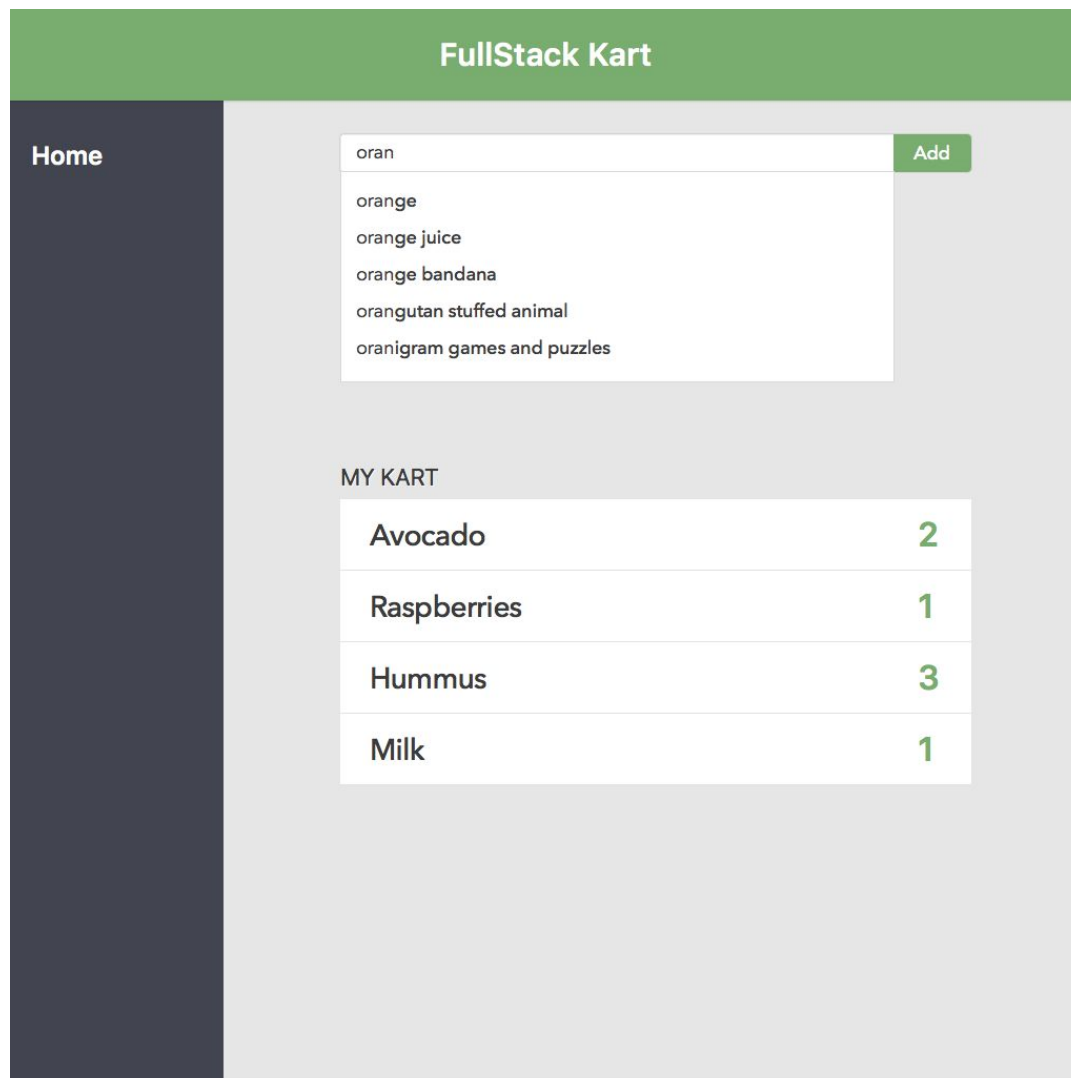
- Use git while developing the app. To share it with us, make it available on a public repo in GitHub/GitLab/etc., or send us a zipped copy of your project with the .git directory included.
- The front-end should be built in React.
- The API can be built in any technology.

The Front-End Application

The app should be able to:

- Show suggestions as the user types (we'll provide you with a list of initial items to include in your suggestions).
- Allow users to add an item to a cart.
- Increment the count for existing items if they are added twice.

See mockup below for the app's UI.



(This is a rough mockup. Don't feel inclined to build something pixel perfect).

The Back-End

The backend should include an API that has the following endpoints.

- GET /suggestions
- POST /kartItem
- GET /kart

The cart should be saved and retrieved upon new launches of the app.

The backend code should contain a function, that if called, posts the entire Kart to this endpoint:

<https://kart.example.com/submit>

(This endpoint does not actually exist. But assume it's a third-party endpoint that, if all goes well, returns a 200 response with no payload).

The Initial List of Item Suggestions

See items.json that came in zip file.

Bonus Items

- Make your application testable.
- Allow users to remove items from the list.
- Grow the list of suggestions as users add items not seen before.