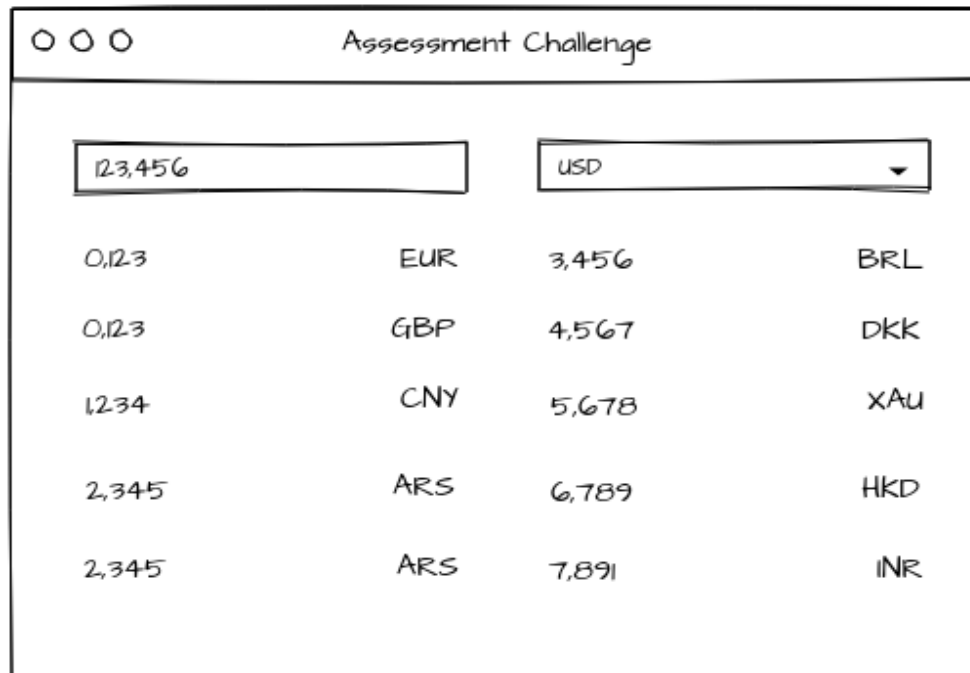


Assessment Challenge

As a User, I want to see an input amount displayed according to the exchange rates for the different currencies supported by Uphold.

Mockup



The mockup shows a window titled "Assessment Challenge" with three window control buttons (minimize, maximize, close) in the top left. Inside the window, there is a text input field containing "123,456" and a dropdown menu currently showing "USD". Below these inputs is a table with five rows of currency data. Each row contains a formatted number, a currency code, another formatted number, and a currency code. The numbers are formatted with commas as thousands separators and periods as decimal separators. The currency codes are EUR, GBP, CNY, ARS, and INR. The table is styled with a light gray background and thin gray borders.

123,456	EUR	3,456	BRL
0,123	GBP	4,567	DKK
12,34	CNY	5,678	XAU
2,345	ARS	6,789	HKD
2,345	ARS	7,891	INR

Acceptance criteria

- **TC01:** The user input amount should be USD by default.
- **TC02:** Should be able to change between currencies.
- **TC03:** Should update the values for every currency on user interaction using a debounce mechanism.
- **TC04:** Should have all the values cached upon the first request.
- **TC05:** Should make a new API call in the background, re-populating the cached value, when changing between currencies.

Technical specs

To solve this problem the developer:

1. **MUST** use React.
2. **MUST** use ES6.
3. **MUST** list at least 10 different currencies.
4. **MUST** use the Uphold Javascript SDK.
5. **MAY** have proper linting tools.
6. **MAY** use the uphold design system.
7. **MAY** handle CORS without having to rely on the browser extension.
8. **MAY** list all available currencies dynamically.
9. **MAY** implement unit tests.
10. **MAY** implement E2E tests.

Note: Only MUST points are mandatory.

Read more about the [Uphold Open API](#) and the [Uphold Javascript SDK](#) to achieve the proposed goal.

Helpers

Initialize Uphold's SDK

Below there's the snippet that allows to install and initialize Uphold SDK's to be used in this exercise:

```
import SDK from '@uphold/uphold-sdk-javascript';

const sdk = new SDK({
  baseUrl: 'http://api-sandbox.uphold.com',
  clientId: 'foo',
  clientSecret: 'bar'
});
```

Use create-react-app

To quickly get a project up and running, you can use [create-react-app](#) to create the initial project structure for this challenge.

CORS Issues

The [Moesif Origin & CORS Changer](#) (or other) extension can be installed to deal with the CORS request restrictions when connecting to our API.

Design

The design specifications and assets are available [here](#).

Contacts

Feel free to reach out to us with any questions!

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