

Iteration 5

The Bad

This iteration was mostly a non-stop grind to get caught up on the UI of our application, keeping in mind the extraordinary lag from the previous iterations. Even though react is relatively easy to use, we were slowed down by several misunderstandings of how the framework functions—mainly using the HTTP client Axios. It was complicated/cumbersome to get around the idea of using promises to make HTTP calls, as the promise syntax doesn't leave a whole lot of room for expressiveness. It also made it difficult because specific calls may or may not have been called yet, making it challenging to render components that depended on the request going through. Other issues encountered revolved around a CORS policy existing on the rails API and having to figure out a way to allow the frontend past it.

The Good

We got a substantial amount of work done in only two weeks. The frontend UI, though it isn't perfect by any means, manages to look professional and decently thought out. There is some functionality that, at this point, is not implemented. There is currently not a way to add a transaction through UI. The option to be able to change the category is not implemented yet. The endpoint for downloading transactions and triggers as CSV files exists, but the UI doesn't connect to it. The user can view notifications, but the notifications nav item doesn't show that there are any new notifications to see. Though all those items not being implemented may seem like negatives, they are positives because, in two weeks, those are the only things not done, and we have finally come a long way with a successful working application.