

Pile Coding challenge

Context

At Pile we work with financial data. Our customers leverage Pile products built on aggregating financial data from their multiple accounts. Our Product portfolio consists of two key products :

1. **Pile Account** : An interest bearing bank account that can be used to centralize all the banking features through a one unified interface.
2. **Multi-Banking** : Get a full view of your banking operations by connecting all your bank accounts in a single view.

Challenge

Our customers need to be able to transfer funds from their Pile bank account to other bank accounts. These transfers are done via [SEPA bank transfer](#). For this coding challenge we ask you to build a basic SEPA transfer form. You are required to build a basic rest api server and a frontend for it. We will provide an account list in JSON format for the assignment.

The functionality should be able to do the following :

- Fetch the account list from your server, display them in a dropdown.
- On submit send the transfer details to the server and log it to the console.
- Generate total balance of the accounts
- For the get accounts endpoint include filters for example: accounts with balance > x or < x and pagination

Fields to include in the transaction form:

- Source account in a dropdown selector
- Amount input field formatted as EUR
- Recipient name
- Target IBAN
- Target BIC
- Reference

Technical requirements

Frontend: Use React and Tailwind Css

Backend: Feel free to pick your stack here. We prefer Nodejs, Go or Rust.

Submission:

Please send us a git repo link with clear instructions on how to test your work.