

- Docker Compose
- 1. postgres
  - 2. pgadmin
  - 3. express
  - 4. nginx

Create index on  
account, merchant, &  
date, amount

Postgres for pgadmin

transactions
transaction_id (bigint) generated as identity PK
amount (money)
merchant (text)
date (date)
account_id (int) not-null
category_id

/transactions  
/accounts  
/categories

queryString params to  
limit how many to grab  
and to filter

- 1. Write the api first  
and then use that  
endpoint to seed the  
DB.

accounts
account_id (int) PK
name (text) not null
bank (text) not null

Create the accounts  
endpoints and then  
jump over and create  
the accounts View

Database:

node-postgres
Node-postgres

Maybe create a DB dir  
for all the DB code

categories
category_id (int) PK
name (text)

Express Backend

- 1. Create the repo
- 2. Bootstrap express - > "Hello World"
- 3. Create story per endpoint per verb (GET, POST, PATCH, DELETE)
- 4. 1 to write DB code and one to write the express code.
- 5. What about Tests
- 6. Santize inputs (validate inputs) (client side validation & server side validation)