

Coding test API End point docs

When making a POST request to create a new user, the required parameters include `username`, `password`, `email`, and an optional parameter `currency`.

If the `currency` parameter is not provided during registration, the default currency will be set to USD.

For transactions, the expected fields include `amount`, `trans_type`, and `recipient`. Additionally, there is an optional field called `trans_description`.

In terms of transactions, the `amount` represents the transaction amount, `trans_type` can be either "`deposit`" or "`transfer`," and the `recipient` field should contain the username if the recipient is a user within the system. If the recipient is not a system user, any other identifier can be used.

It's important to note that when performing transactions, the `trans_description` field is optional and can be used to provide additional details about the transaction.

MySQL script can be found in `db.sql` file.

Connection strings samples can be found in `env.example` file Please recreate a dot `.env` file with the required parameters

Endpoints:

Registration

- URL: `http://[url]:[port]/users`
- JSON data sample:

```
{
  "username": "alfa",
  "password": "toor",
  "email": "alfa@gmail.com",
  "currency": "GHC"
}
```

Login

- URL: `http://[url]:[port]/users/authenticate`
- JSON data sample:

```
{
  "email": "cdc@gmail.com",
```

```
"password": "toor"
}
```

Logout

- URL: `http://[url]:[port]/users/logout`

Get Wallet Info

- URL: `http://[url]:[port]/wallet/[user_id]`

Transactions

- URL: `http://[url]:[port]/transactions`

- Deposit

- JSON data sample:

```
{
  "amount": 58,
  "trans_type": "deposit"
}
```

- Transfer

- JSON data sample:

```
{
  "amount": 58,
  "trans_type": "transfer",
  "recipient": "alfa"
}
```

View Transactions

- URL: `http://[url]:[port]/transactions`

Please note I am using a tablereas for. Idempotency tracking.
Wanted to use redis but hope this will be acceptable for now.