This project more concentrated on Spring boot + Junit 5 + Mockito

**Controllers**:

Customer controller: which is more concentrated on customer personal data. It will give account info when you are getting customers info through any endpoints such as “/getCustomers” , /customer/{id}, and /customer/{firstName}/{lastName} (this endpoint is search customer by full name).

This provide save and delete end points to. This controller won’t modify account details.

Account Controller:

This does account management. To modify account balance you need to know account id. You can get account id when you run /accounts end point. Also when you create account response will give account id. There is common end point for delete and save.

Main endpoint is “/transfer” using this you can transfer balance from account to other. If there isn’t any balance to transfer it throws AccountTransactionException. If any of account ids not found, it throws ResourceNotFoundException.

**Services**:

There is Customer and Account services. There is also Address service.

**Repository**:

All three repositories extends CrudRepository.

Only CustomerRepository have Quary base method to get customer by full name.

**Models**:

Account

Address

Customer

TranferForm (this is not entity. This for /transfer end point json request body)

Customer and address entities have one to one relation.