Java technical test

Create a small java project to manage users and their bank accounts. Some rules to help you model your project:

- A user can have multiple accounts
- User must have some personal information like first and last name, age, address, phone etc.
- Account must have some attributes as well like date of creation, balance etc.

Services/functionalities to be developed:

- Develop functionalities to add, delete, update and read users.
- Develop functionalities to add, delete, update and read accounts.
- Develop functionalities to withdraw and deposit money in bank accounts.
- Develop a functionality to link accounts to users as well.
- Develop a functionality to find all the accounts of a given user.
- Develop a functionality to find the sum of balances of all the accounts of a given user (to find out the wealth of a user).

Some guidelines:

- Develop this mini project in TDD (test driver development or test first) manner.
- Don't use any database to store users and accounts. You can use a simple java data structure such as list, map etc. to store your data in memory.
- No need to use any framework.
- No need to create any GUI (user interface), just proper unit tests to cover all the cases will do.

Stack technique to be used:

- Java8
- Maven
- Junit (for TDD)
- GIT for source control
- Functional programming of Java8 if possible

Once done with this mini project, put it on **GitHub** and send us the link of your repository.

GO FOR IT !

GOOD LUCK !