

Coding Challenge

Create a basic web-based banking application that includes REST API handling of below listed data elements and business services, view to show, update & remove the data elements.

Banking application should allow creation, update, and removal of accounts for a customer through the REST API. The application should also allow the transfer of funds between accounts of the same customer.

Customer minimum attributes: first name, last name, address, phone number, social security number

Account minimum attributes: type (checking, savings, money market), amount (assume US dollars)

We need to see

- Web application that hosts REST API with necessary input validations
- API should never include social security number in output and should allow updating it individually
- View to show, update, and remove customer and account details using above REST API
- Business service and corresponding view to allow transferring funds from one account to other
- Meaningful JUnit test cases

Technologies to use

- Java 8, Spring 4+ and its dependencies, Mockito, HTML5, jQuery, and optionally Twitter Bootstrap
- Use other libraries if required

Notes

- Use your favorite database if you have access to one, otherwise any in-memory database would suffice
- Mockup data needed for the application
- Feel free to expand any areas to showcase functionality beyond the initial requirements
- Feel free to assume any conditions if information provided here is not sufficient

Submission

Create a GitHub repository and commit your submission to your repository. Send us a link to your repository when done.