

Java Coding Exercise

Implement a RESTful API to simulate simple banking operations. Some expected functionality follows:

- CRUD operations for customers and accounts.
- Support deposits and withdrawals on accounts.
- Internal transfer support (i.e. a customer may transfer funds from one account to another).

Requirements for the implementation:

- Utilize Spring Boot (<https://spring.io/projects/spring-boot>)
- **Document** the RESTful API with Swagger (i.e. <https://springfox.github.io/springfox/>)

Naturally, you will need to use some sort of repository during this coding exercise – we leave this decision to the programmer (i.e. embedded H2 database with JPA, Couchbase NoSQL documents, a simple `java.util.Map`, etc.). Data does not need to be persisted beyond the runtime of the application. We do request that the application be easy to run, so if you decide to use an external database, please provide those details in a `README.md` file.

Feel free to utilize Docker and/or Docker Compose to spin up any external repositories.

Lastly, for the build mechanism choose between either Gradle or Maven.

Bonus: secure the API with some basic Spring Security configuration.