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## 1. Code Challenge: Funds Transfers

### Goal

The main goal of this test is to see your practices in action while you develop software. Feel free to include any diagrams, documentation, designs, and/or patterns but most importantly, show your talent.

### Delivery Expectations

- You have 7 calendar days to provide your solution
- The application must run as a stand-alone application. It must be written in Java with Spring Framework and persist the information in any database
- Feel free to use any open source library you deem appropriate
- Provide a document with descriptions of relevant code design choices. It can contains diagram images, print screens etc.
- Provide the instructions to build and run your code.
- You must upload your solution source code here in a compressed file containing the code and documentation
- **Do not to include** unnecessary files such as compiled binaries and libraries **(such mvnw, gradlew or folders like target or build )**
- Do not upload your solution to public repositories in GitLab, BitBucket, GitHub, etc

### Problem Context

Imagine you are working at a financial company, this company is trying to release an API to transfer funds using an origin and recipient account number.

### Considerations

- The solution must be based on microservice architecture
- The solution must expose the capability to transfer funds through a Rest API
- The transfer API must not be public , include a security layer to authenticate the users who call the API
- You must validate the input request