



## Case Study

Create a Bank web service in Java Spring-Boot using Maven with following requirements.

1. Implement following rest-end points in Bank web service
  - a. Create account
  - b. Get balance info & transaction summary
  - c. Add/Delete beneficiary/payee
  - d. Transfer funds instant and schedule for given date and time
  - e. Calculate balance for user account for future date, given base interest rate of 4%
2. Implement a connection factory to save/fetch data from mongoDB and should be able to connect to any database based on properties
  - a. Should be fast and thread safe
  - b. No DB connection leakage on sudden shutdown of apps
3. Deploy it to dockerhub
4. Write documentation for REST API and create readme for git repository
5. Commit the code to Github and share the project link
6. Write test cases in for the API
7. Make necessary assumptions