LoanQuoteCalculator Webapp

#1

**As a:**

product owner of the loan calculator app

**I want:**

to transform the app into a web application

**So that:**

can be accessed by our clients from any devices

I used SpringBoot to build the webapp. It uses Basic Authentication.

A POST REST service has been defined http://localhost:8080/quote/quote/{loanamount}

The RequestBody is a list of Lenders (ui and way of adding this list of lenders to be defined)

Login and password are requested.

#2

**As a:**

product owner of the loan calculator app

**I want:**

to create an API that manages multiple requests

**So that:**

I can handle multiple requests from many clients

SpringBoot handle simultaneously requests. We can limit the number of concurrent requests by adding server.tomcat.max-threads to the application.properties or application.yml. Spring will manage a pool of connections and handle the distribution of entity managers

#3

**As a:**

product owner of the loan calculator app

**I want:**

to be able to scale this application to potential millions of borrowers and lenders

**So that:**

I can improve our loan business

To improve scalability we could use Docker and Kubernetes (nothing has been implemented in the project for this)