



## Assignment

Create a backend application that will manage a lending library.

It will keep track of:

1. People (Book lenders & library personnel)
2. Books

We need to have

- People API
- Books API
- Lending API

You should follow the MVC pattern.

### Technology stack:

1. Use Vert.x application framework
2. Maven
3. Java 8+
4. Maria DB

### Extra mile

1. Maven multi project structure
2. Dockerize app

### Deliverables

1. GitHub/Bitbucket repo with source code
2. Deployable jar or docker compose file (Optional but nice)
3. Small doc with deploy instructions (if deliverable is of second type)