

A decorative graphic on the left side of the slide consists of two overlapping parallelograms. The front one is blue and the back one is a light green. They are positioned diagonally, with the blue one partially covering the green one.

Individual Final Project

John Panagiotis Poikilidis

A Simple Workout Calendar





Components Of The Application

- Front End: React
- Server Side: Spring boot
- Database: PostGresql



Server Side Spring boot

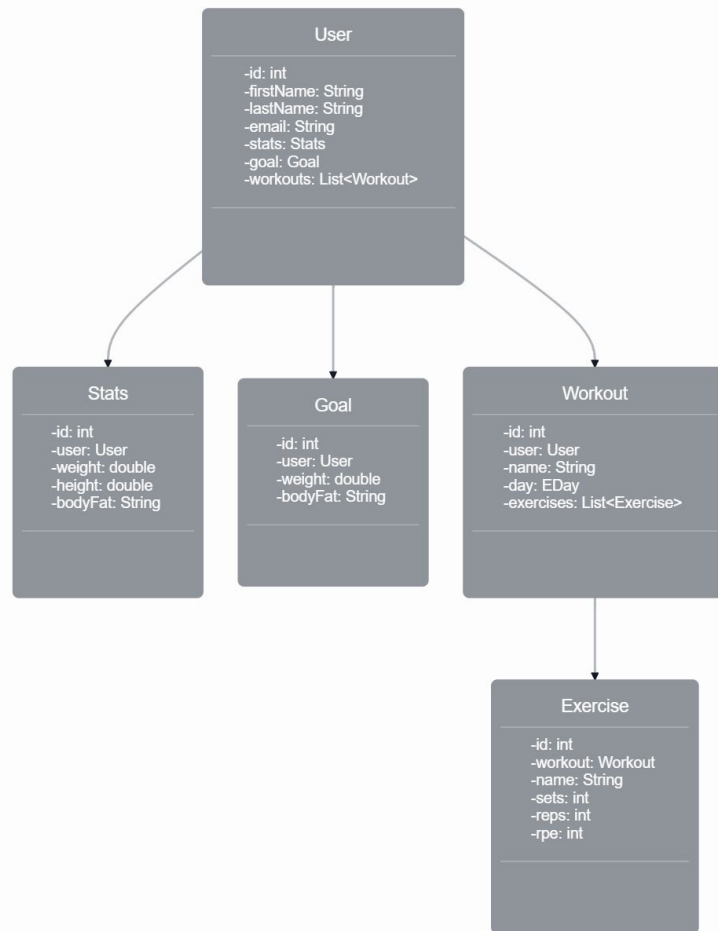
<https://github.com/akiskawi/individual-project-boo-lean-backend>

A simple MVC spring boot application.

Models:

1. User
2. Goals
3. Stats
4. Workout
5. Exercise

Running of port 4000



Front End React app

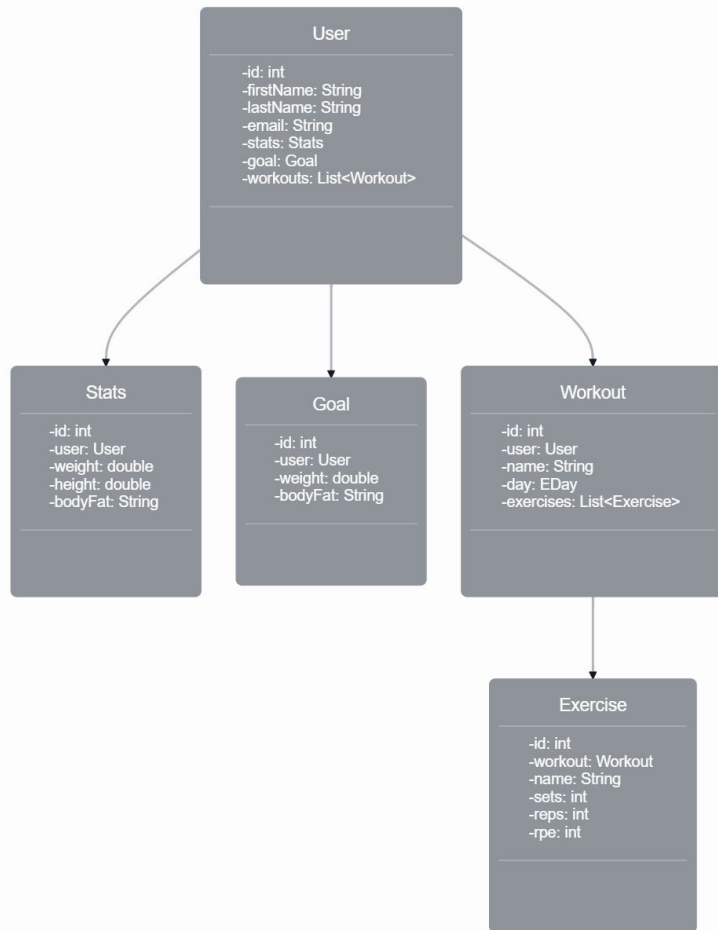
<https://github.com/akiskawi/individual-project-boo-lean-frontend>

A simple React router application.

Components:

1. User views
2. Workout views
3. Exercise views

Running on port 5050





Start react app running in app folder :

```
npm run dev
```

Start spring boot app executing in app folder:

```
./gradlew bootRun
```



Showcase the application now



Todo functionality

- 1) Add Spring Security
 - a) User(backend)
 - i) Add column String password(encrypt)
 - ii) Add column date of birth
 - iii) Add more option like medical issues
 - b) User(frontend)
 - i) Login/Logout/Register
- 2) Exercises(frontend)
 - a) Create existing exercise options in a drop down menu for the user to choose maybe use an api request to an existing database like <https://musclewiki.com/>
- 3) Add functionality to “fork” save another user’s workout regime to your own
- 4) Add Calorie Calendar
 - a) With macro/micro breakdown
 - b) Graph to see the progress
 - c) Work with api endpoint of <https://fdc.nal.usda.gov/api-guide.html>
 - i) Adding food from camera QR code(Mobile only)