CONSUMER PROFILE API

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GitHub URL: www.github.com/javabrown/consumer_profile

LIVE API Demo: http://35.174.137.88/api/swagger-ui.html#/user-resource

This is a HATEOAS driven REST-3 APIs application. I developed this project as part of my **ConsumerReports Inc.** assignment. It serves CRUD operation on UserProfile Resource.
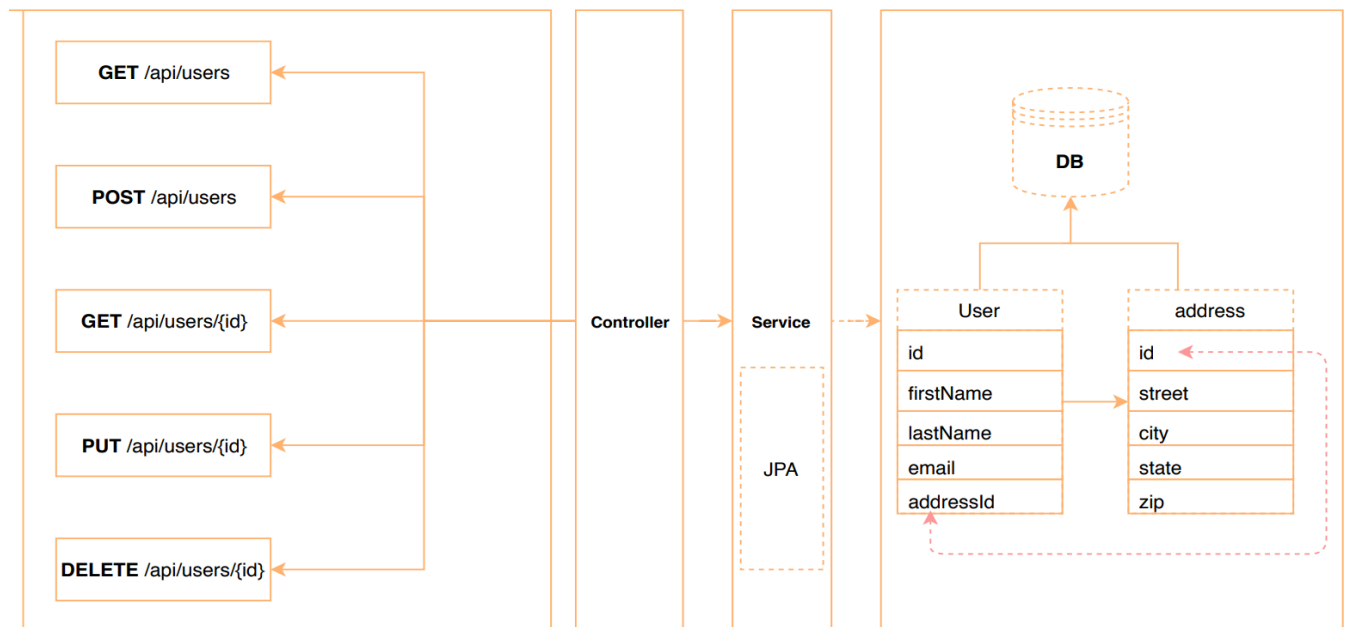
Following tools and technology used:

- Java 8
- SpringBoot 2.1 & Spring HATEOAS 0.25.2
- JPA & H2Database
- Springfox-swagger 2.9
- AWS ECS, Docker, ECR
- Terraform (for resource creation & deployment)
- Linux, IntelliJ, Maven

Endpoints:

Method	Endpoints	Description
GET	/api/users	Returns all user
POST	/api/users/	Create new user
PUT	/api/users/{user-id}	Update user info by ID
DELETE	/api/users/{user-id}	Delete the user for given ID
GET	/api/users/{user-id}	Returns individual user for given ID

Core application flow diagram:

Sample Request:

Create User:

Request:

```
{
 "email": "getrk@yahoo.com",
 "firstName": "Raja",
 "lastName": "Khan",
 "address": {
   "city": "string",
   "state": "string",
   "street": "string",
   "zip": "string"
  }
}
```

Response: 200 OK

```
{
 "response": {…}
 "_links": {
   "self": {
     "href": "http://35.174.137.88/api/users/1"
    }
  }
}
```