

## Exercises 2.10a

### Installed CORS, bcrypt and express-validator via npm (git bash)

MINGW32/c:/Users/Jacqueline/Documents/GitHub/movie\_api

```
Jacqueline@Jacqueline MINGW32 ~/Documents/GitHub/movie_api (master)
$ npm install cors
+ cors@2.8.5
added 2 packages from 2 contributors and audited 411 packages in 3.185s

1 package is looking for funding
  run 'npm fund' for details

found 0 vulnerabilities

Jacqueline@Jacqueline MINGW32 ~/Documents/GitHub/movie_api (master)
$ npm install bcrypt
> bcrypt@4.0.0 install C:\Users\Jacqueline\Documents\GitHub\movie_api\node_modules\bcrypt
> node-pre-gyp install --fallback-to-build

node-pre-gyp WARN Using needle for node-pre-gyp https download
[bcrypt] Success: "C:\Users\Jacqueline\Documents\GitHub\movie_api\node_modules\bcrypt\lib\binding\napi-v3\bcrypt_lib.node" is installed via remote
+ bcrypt@4.0.0
added 63 packages from 90 contributors and audited 510 packages in 15.614s

2 packages are looking for funding
  run 'npm fund' for details

found 0 vulnerabilities

Jacqueline@Jacqueline MINGW32 ~/Documents/GitHub/movie_api (master)
$ npm install @types/cors
+ @types/cors@2.8.6
added 1 package from 1 contributor and audited 524 packages in 3.086s

2 packages are looking for funding
  run 'npm fund' for details

found 0 vulnerabilities

Jacqueline@Jacqueline MINGW32 ~/Documents/GitHub/movie_api (master)
$ npm install @types/bcrypt
+ @types/bcrypt@3.0.0
added 1 package from 3 contributors and audited 525 packages in 8s

2 packages are looking for funding
  run 'npm fund' for details

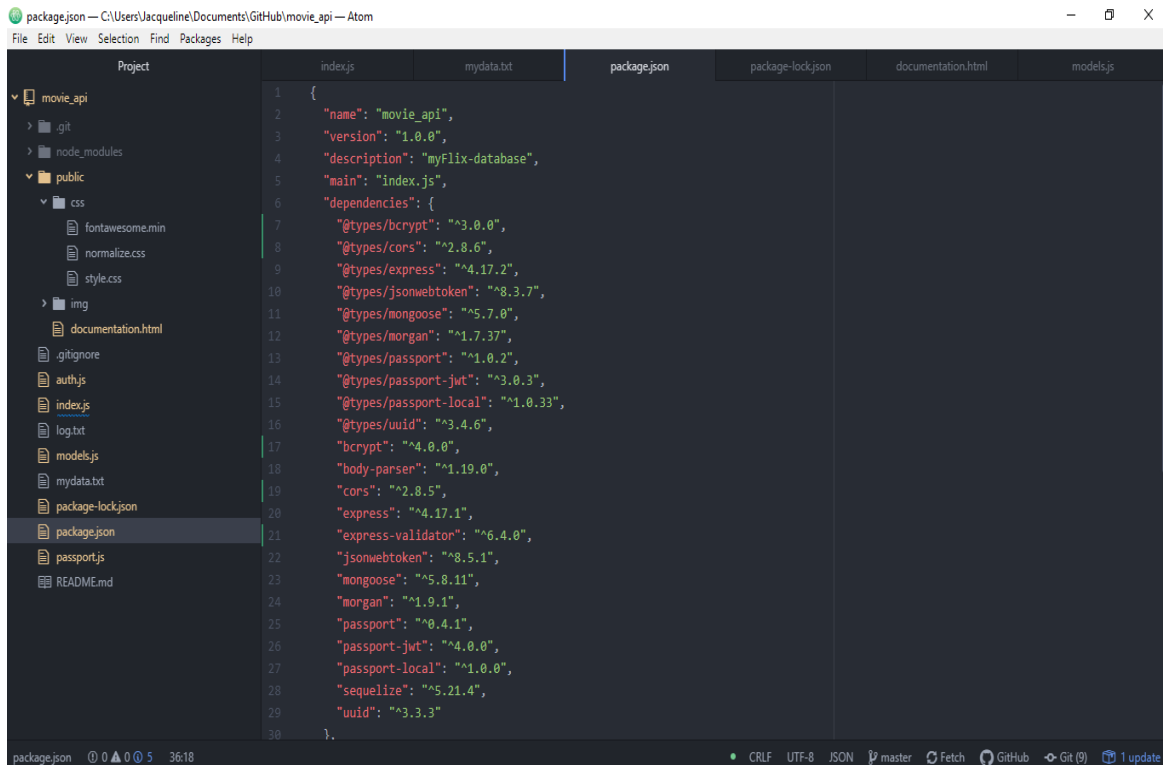
found 0 vulnerabilities
```

```
Jacqueline@Jacqueline MINGW32 ~/Documents/GitHub/movie_api (master)
$ npm install express-validator
+ express-validator@6.4.0
added 2 packages from 5 contributors and audited 528 packages in 4.684s

2 packages are looking for funding
  run 'npm fund' for details

found 0 vulnerabilities
```

## Updated package.json:

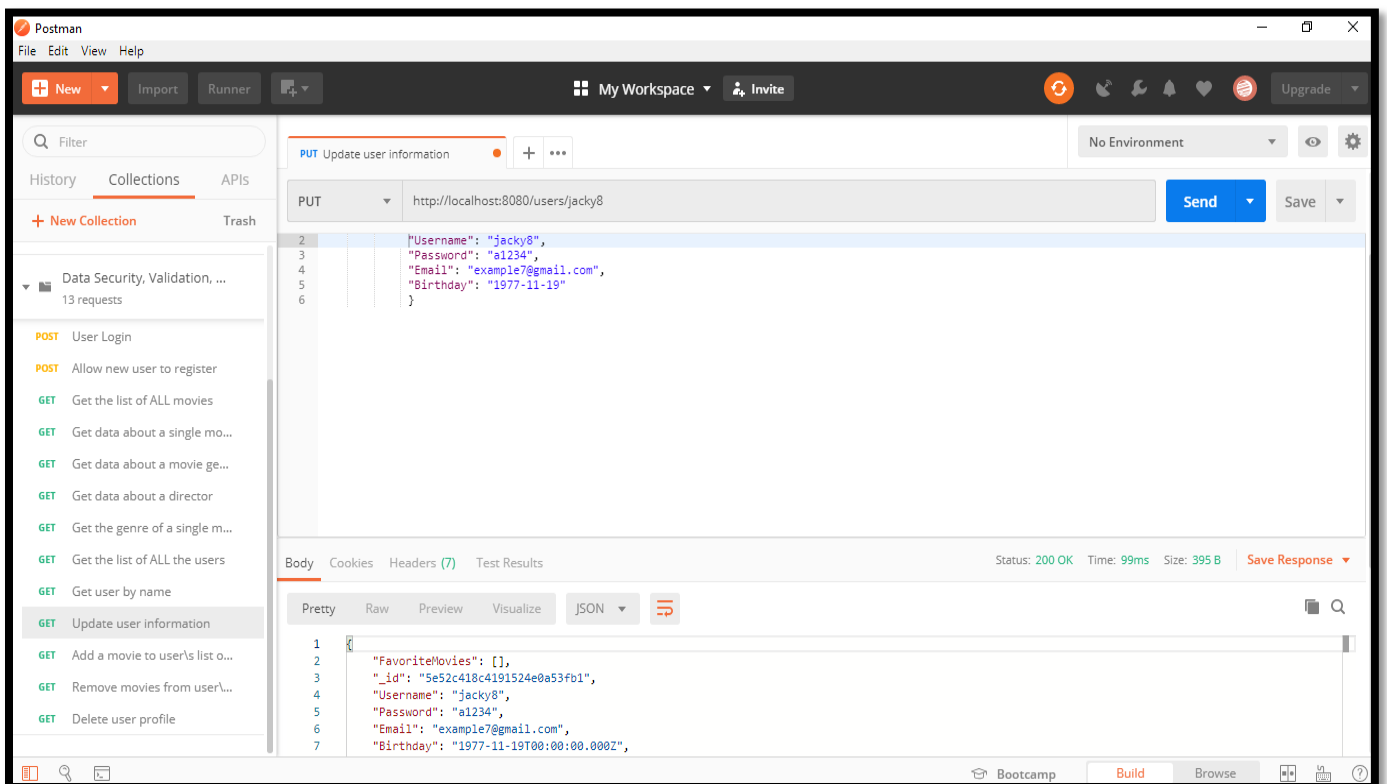


The screenshot shows the Atom editor interface with the 'package.json' file open. The file contains the following JSON structure:

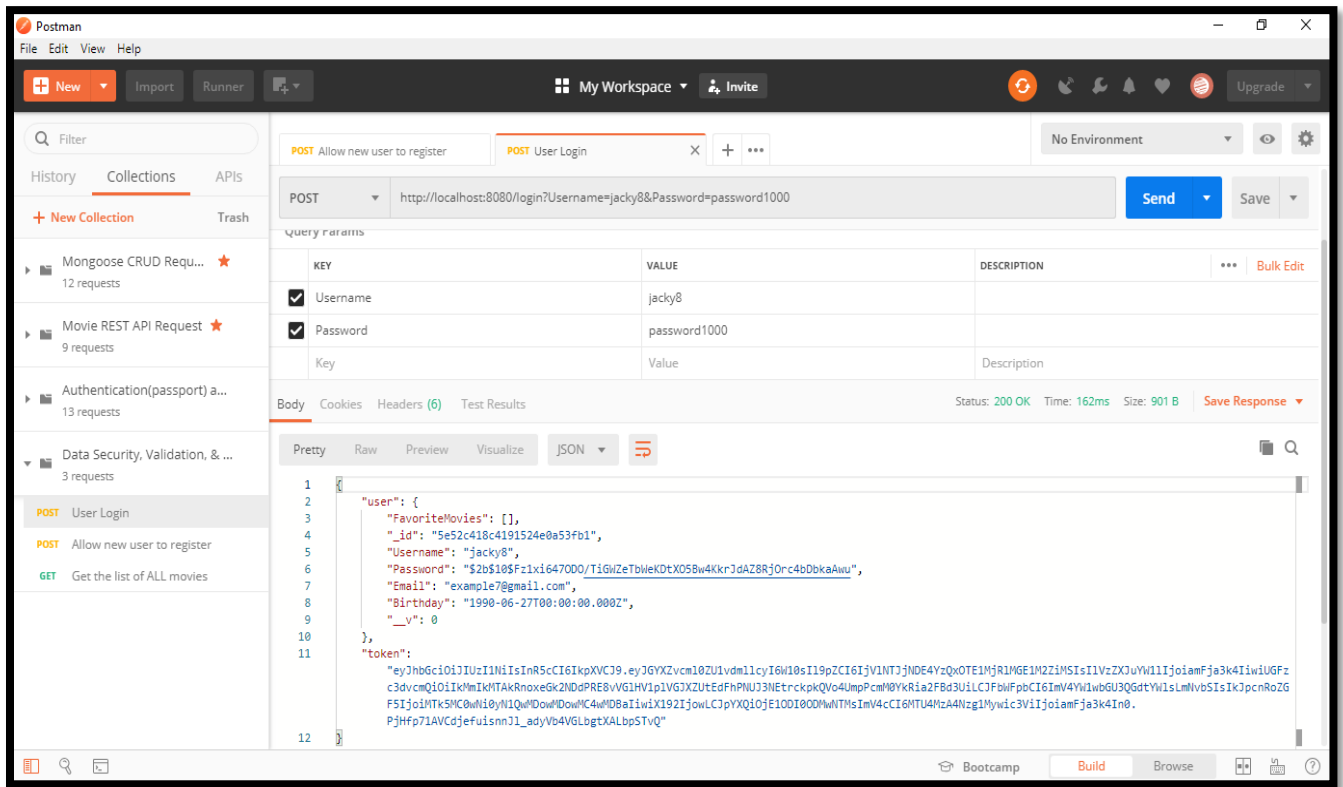
```
{
  "name": "movie_api",
  "version": "1.0.0",
  "description": "myFlix-database",
  "main": "index.js",
  "dependencies": {
    "@types/bcrypt": "^3.0.0",
    "@types/cors": "^2.8.6",
    "@types/express": "^4.17.2",
    "@types/jsonwebtoken": "^8.3.7",
    "@types/mongoose": "^5.7.0",
    "@types/morgan": "^1.7.37",
    "@types/passport": "^1.0.2",
    "@types/passport-jwt": "^3.0.3",
    "@types/passport-local": "^1.0.33",
    "@types/uuid": "^3.4.6",
    "bcrypt": "^4.0.0",
    "body-parser": "^1.19.0",
    "cors": "^2.8.5",
    "express": "^4.17.1",
    "express-validator": "^6.4.0",
    "jsonwebtoken": "^8.5.1",
    "mongoose": "^5.8.11",
    "morgan": "^1.9.1",
    "passport": "^0.4.1",
    "passport-jwt": "^4.0.0",
    "passport-local": "^1.0.0",
    "sequelize": "^5.21.4",
    "uuid": "^3.3.3"
  }
}
```

## Postman screenshots (testing code before deploying via Heroku and MongoDB Atlas)

### New User Registration

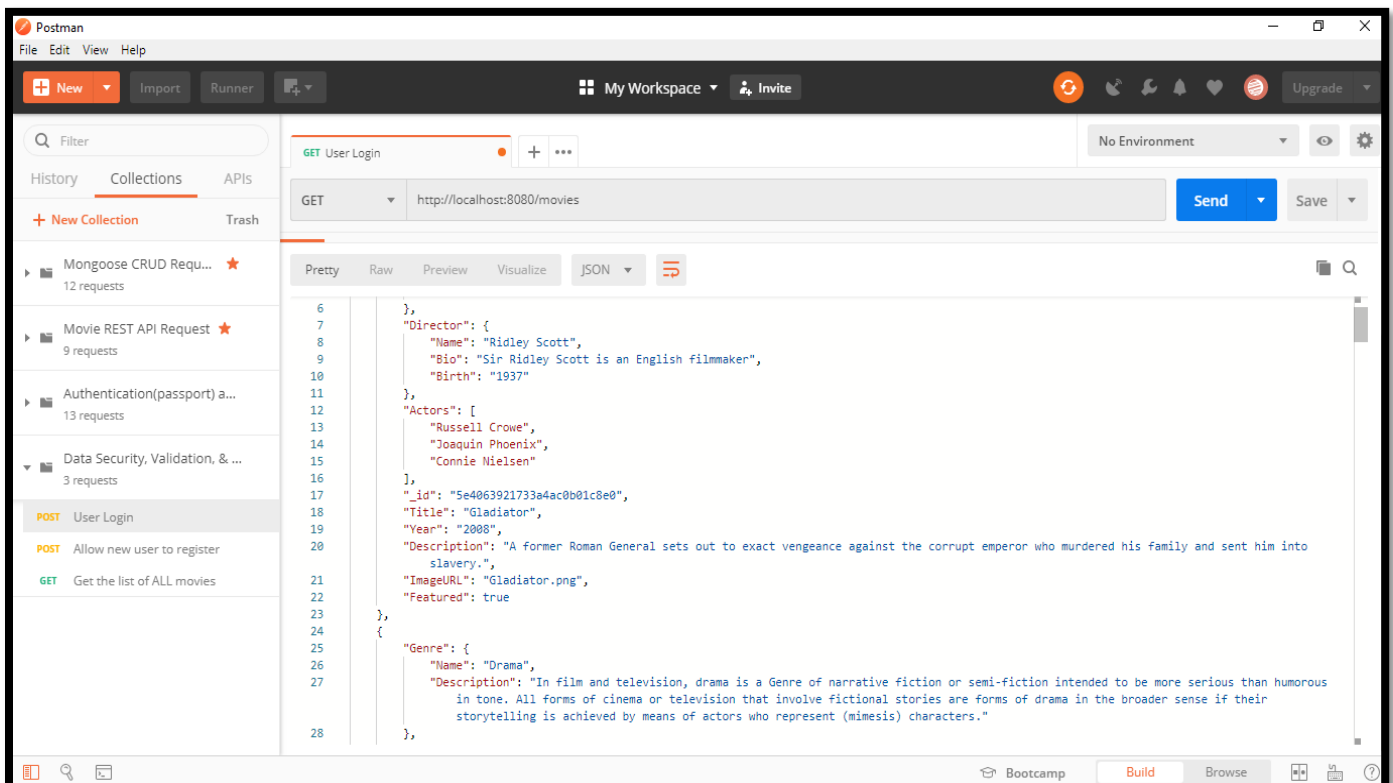


## New User login and authorization token

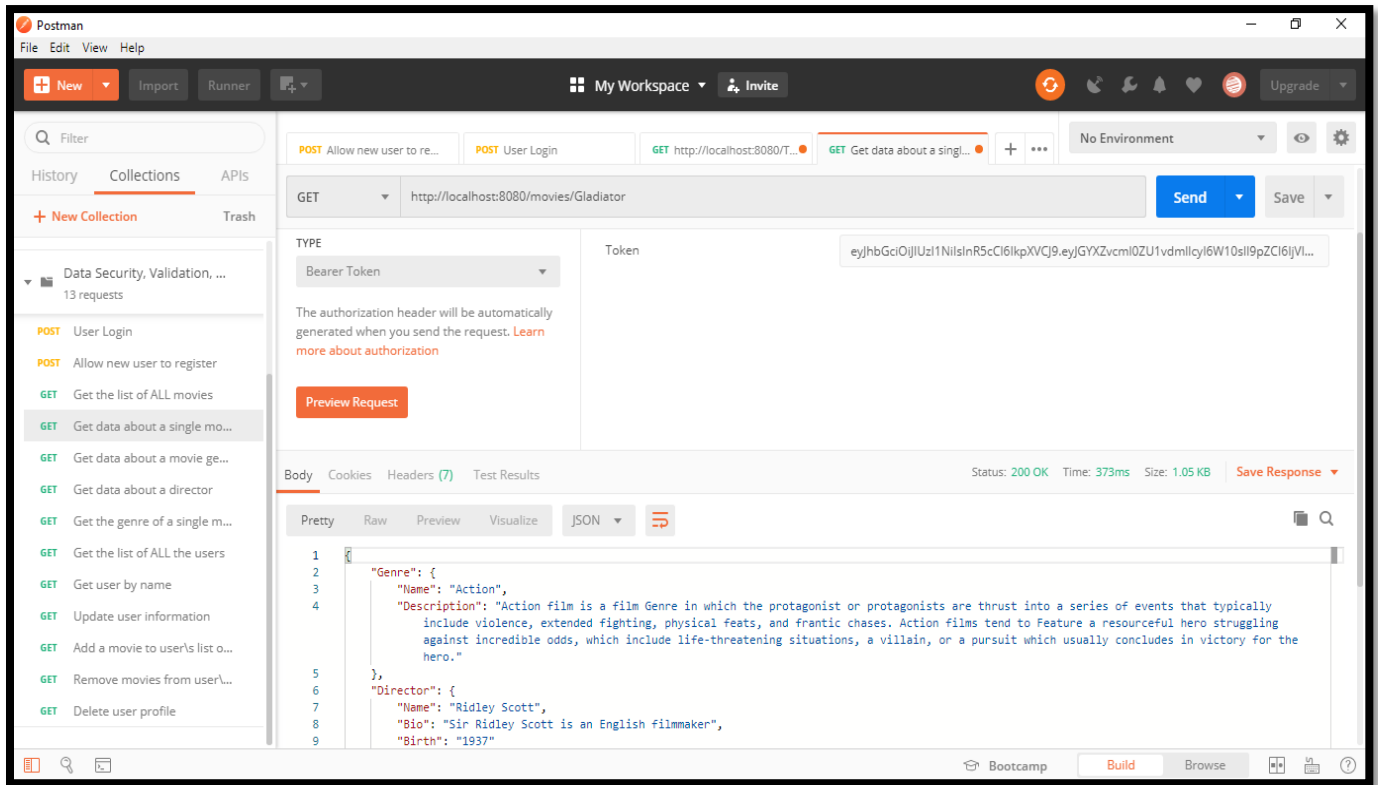


## Postman screenshots with authorization token (11 requests)

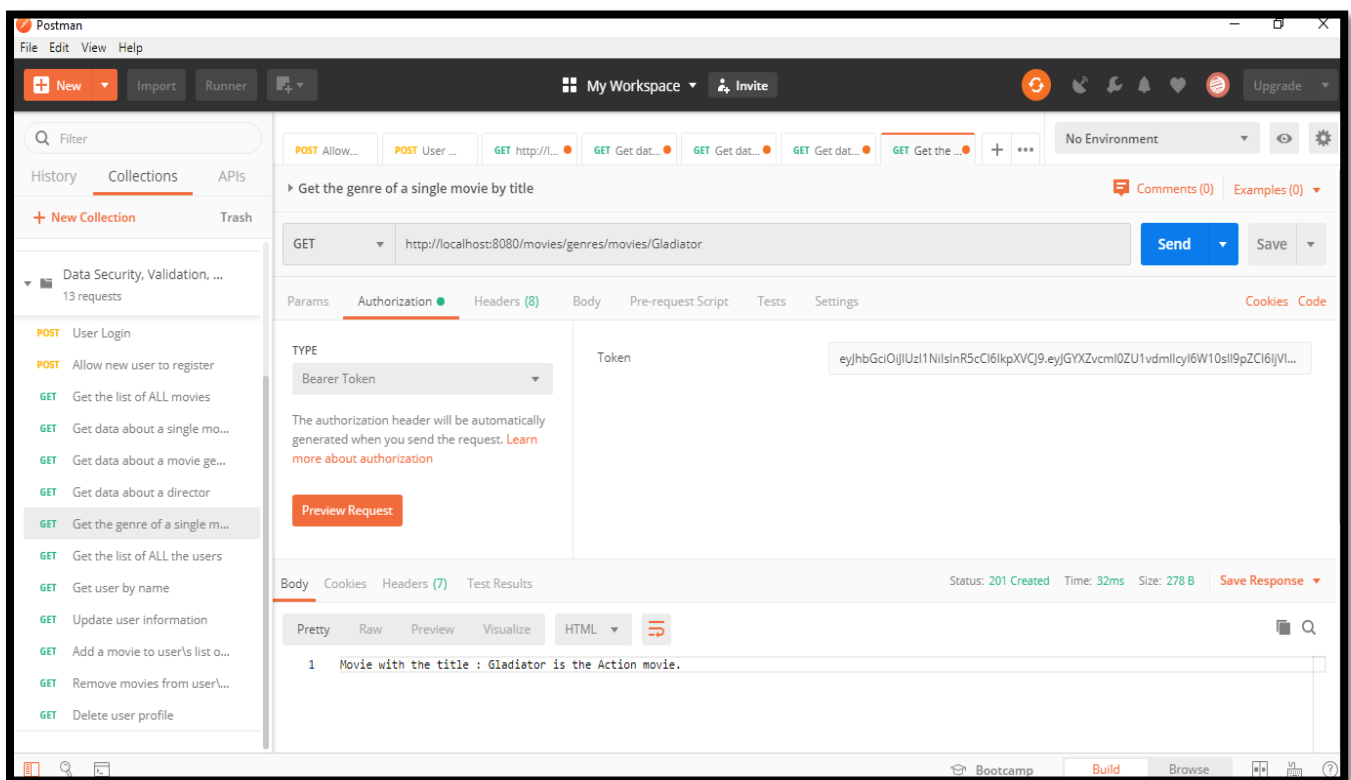
## One: Return a list of ALL movies to the user:



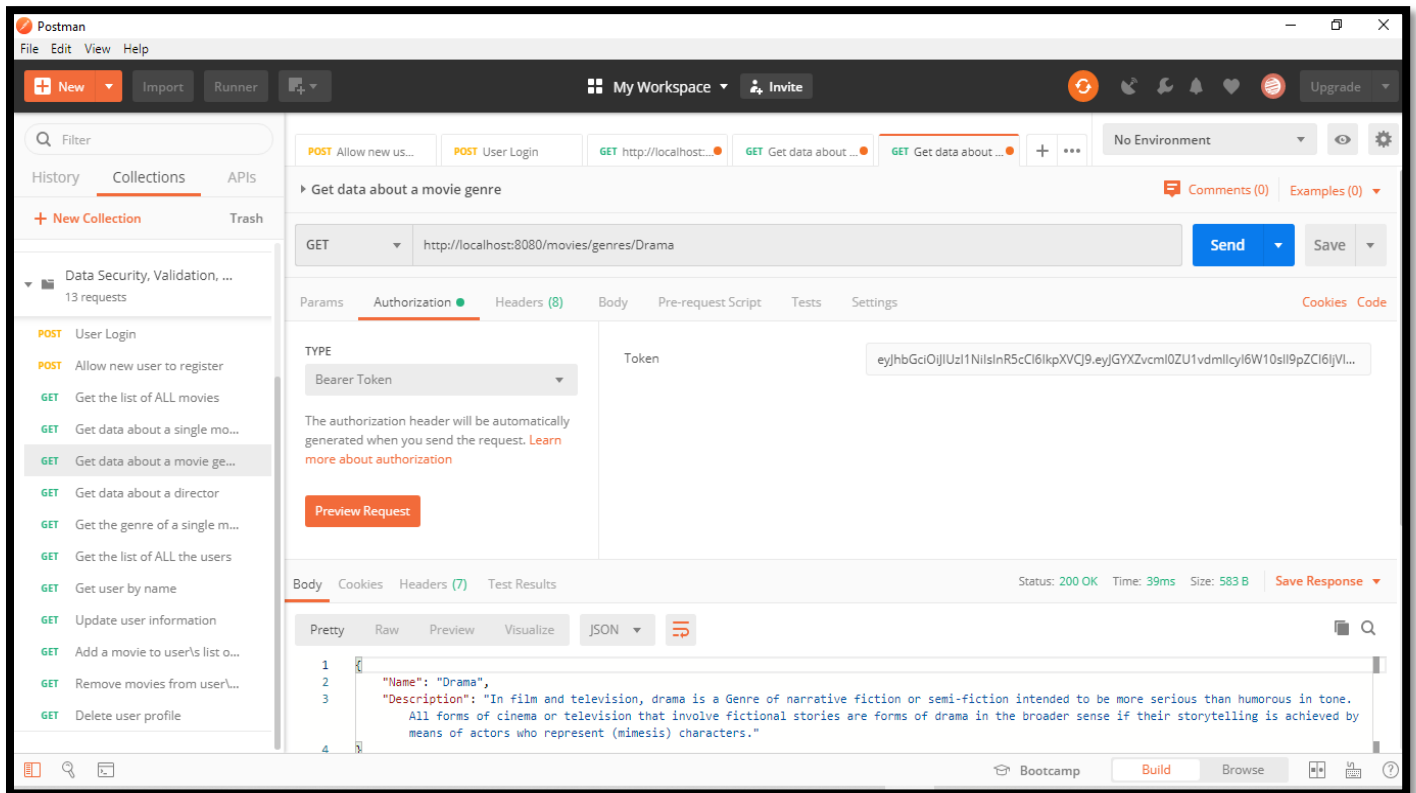
**Two: Return data (description, genre, director, image URL, whether it's featured or not) about a single movie by title to the user:**



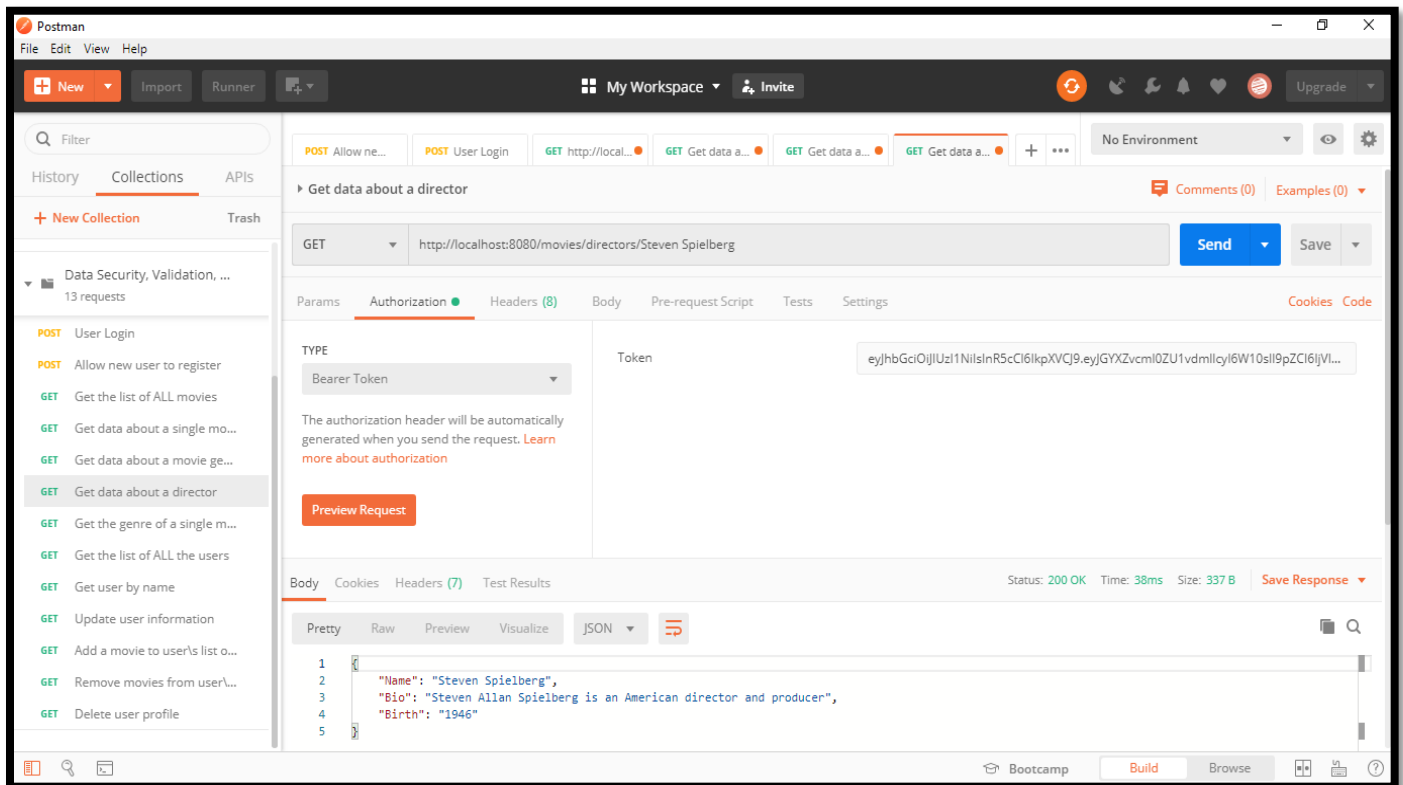
**Three: Return data about a genre by the movie title (e.g., “Gladiator”):**



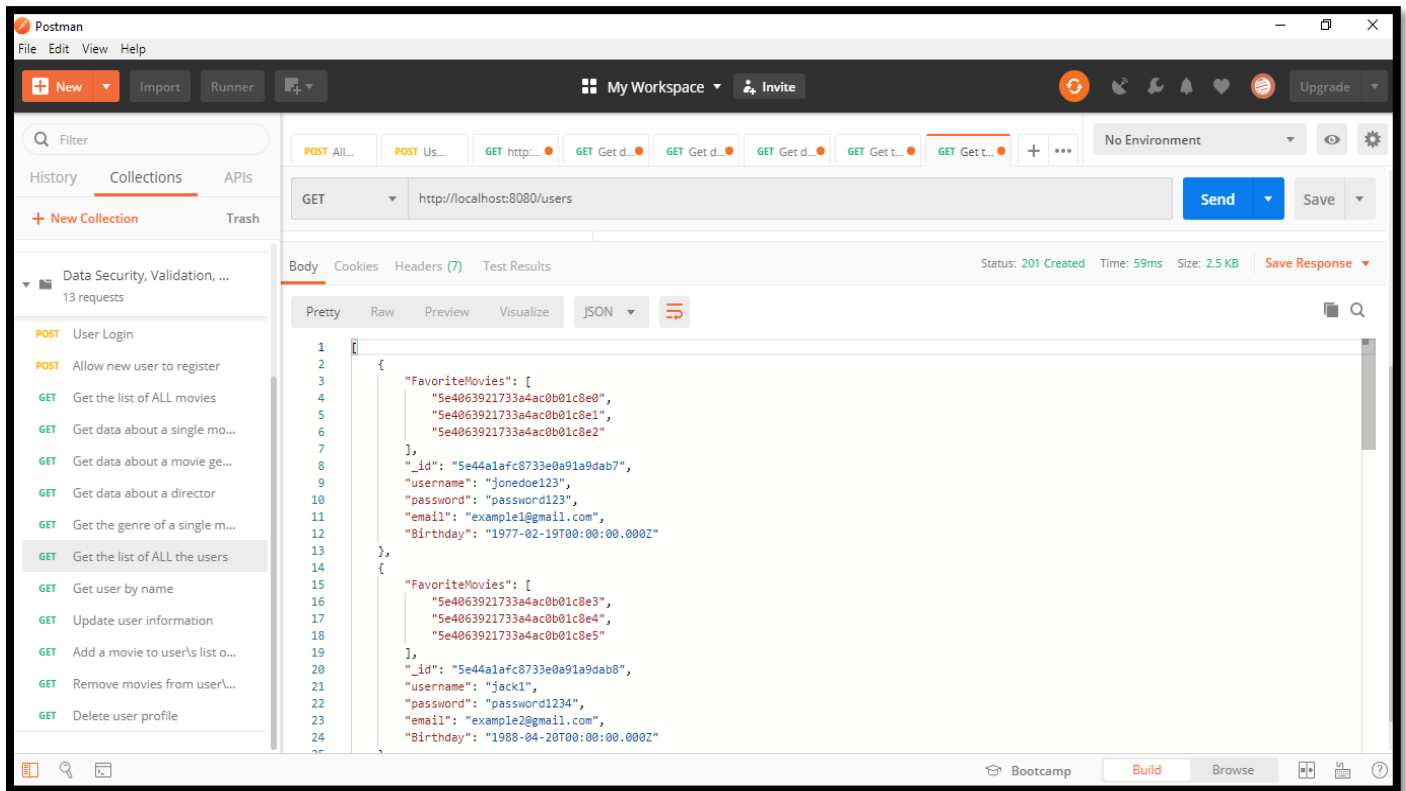
## Four: Return data about a genre (description) by the genre Name (e.g., “Drama”):



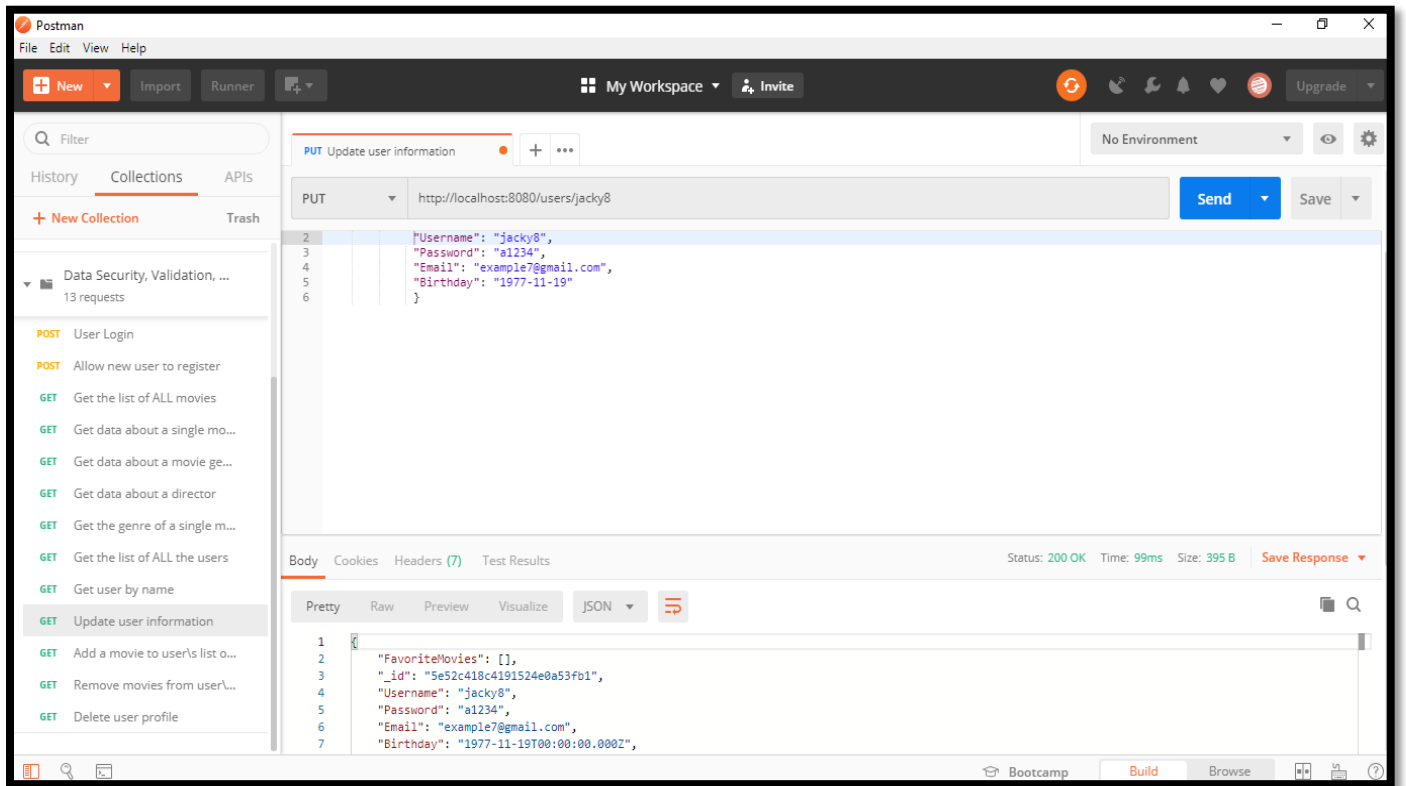
## Five: Return data about a director (bio, birth year, death year) by name:



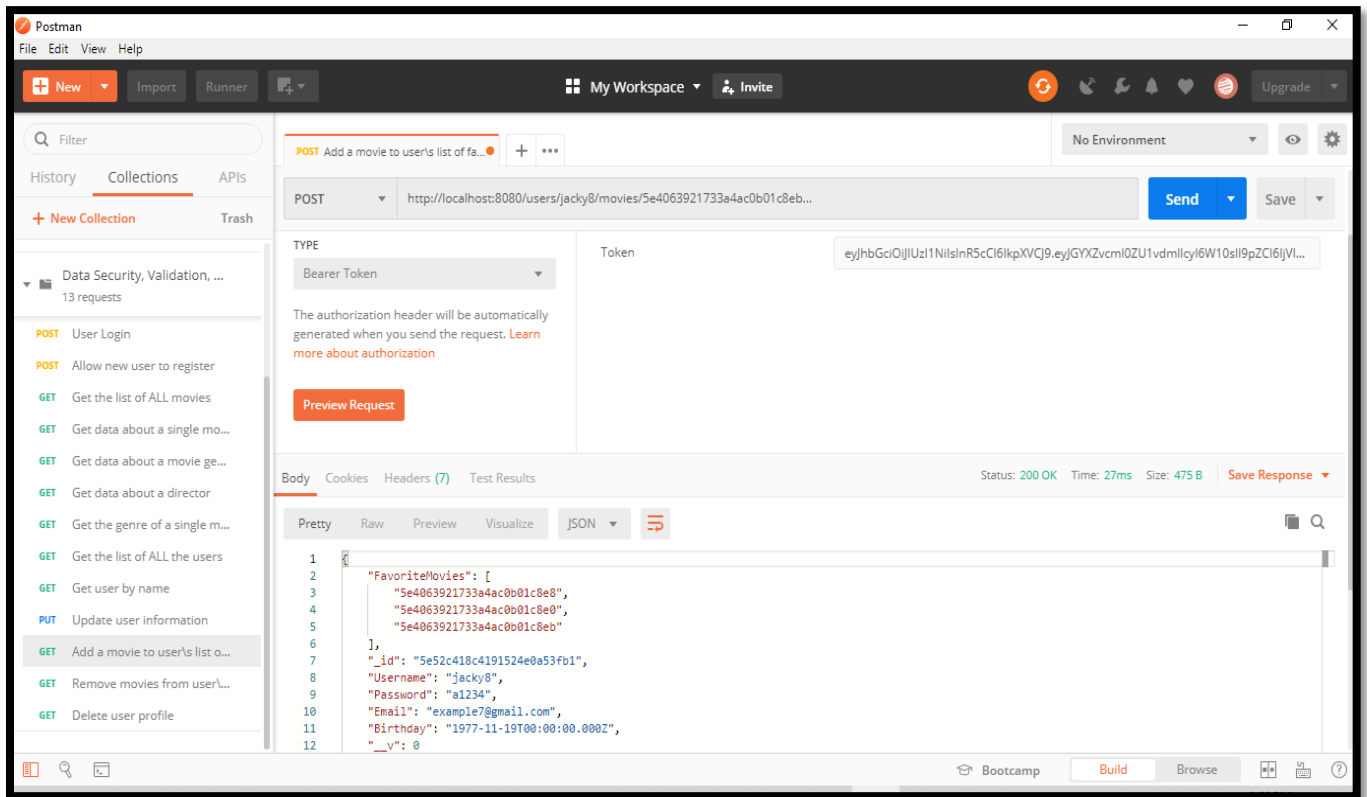
## Six: Return a list of ALL users:



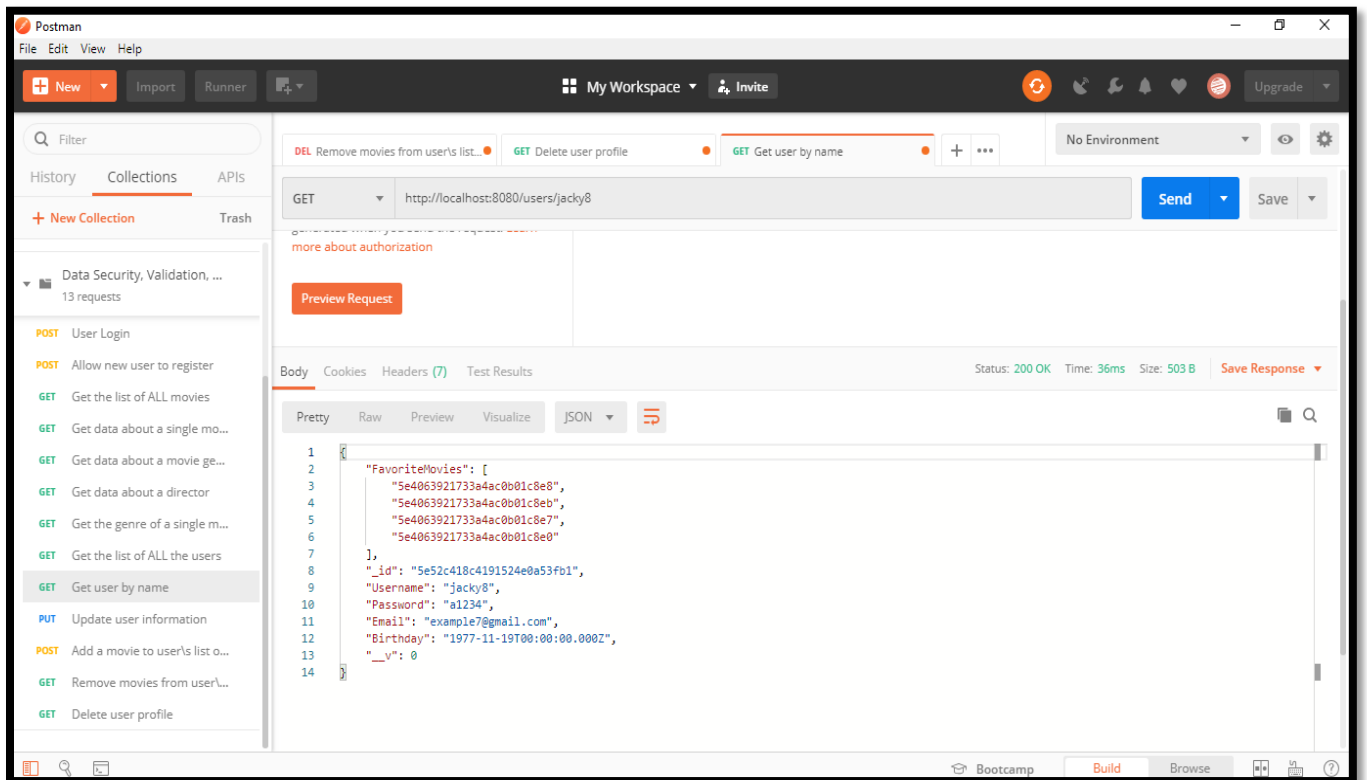
## Seven: Allow users to update their user info (username, password, email, date of birth):



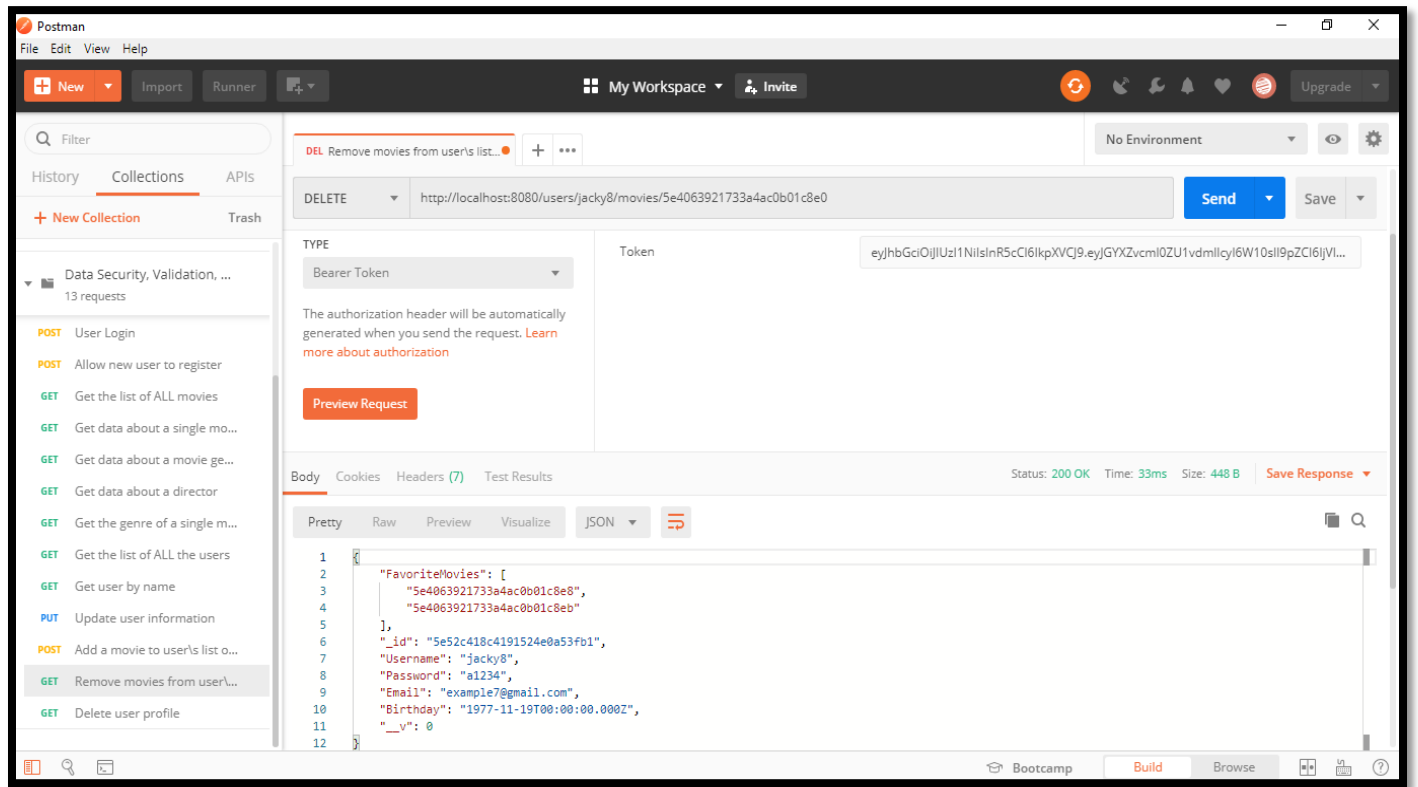
## Eight: Allow users to add a movie to their list of favorites:



## Nine: Get user by Name:



## Ten: Allow users to remove a movie from their list of favorites:



## Eleven: Allow existing users to deregister with authorization token:

