

Exercises 2.9

Installed passport, passport-local,, passport-jwt and jsonwebtoken via npm (git bash)

```
MINGW32:/c/Users/Jacqueline/Documents/GitHub/movie_api

Jacqueline@Jacqueline MINGW32 ~/Documents/GitHub/movie_api (master)
$ npm -v
6.13.7

Jacqueline@Jacqueline MINGW32 ~/Documents/GitHub/movie_api (master)
$ npm install --save passport passport-local passport-jwt jsonwebtoken
+ jsonwebtoken@8.5.1
+ passport-local@1.0.0
+ passport-jwt@4.0.0
+ passport@0.4.1
added 18 packages from 12 contributors and audited 292 packages in 5.11s

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

found 0 vulnerabilities

Jacqueline@Jacqueline MINGW32 ~/Documents/GitHub/movie_api (master)
$ npm install @types/passport
+ @types/passport@1.0.2
added 1 package from 7 contributors and audited 306 packages in 2.53s

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

found 0 vulnerabilities

Jacqueline@Jacqueline MINGW32 ~/Documents/GitHub/movie_api (master)
$ npm install @types/jsonwebtoken
+ @types/jsonwebtoken@8.3.7
added 1 package from 9 contributors and audited 308 packages in 2.473s

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

found 0 vulnerabilities

Jacqueline@Jacqueline MINGW32 ~/Documents/GitHub/movie_api (master)
$
```

Updated package.json:

package.json — C:\Users\Jacqueline\Documents\GitHub\movie_api — Atom

File Edit View Selection Find Packages Help

Project

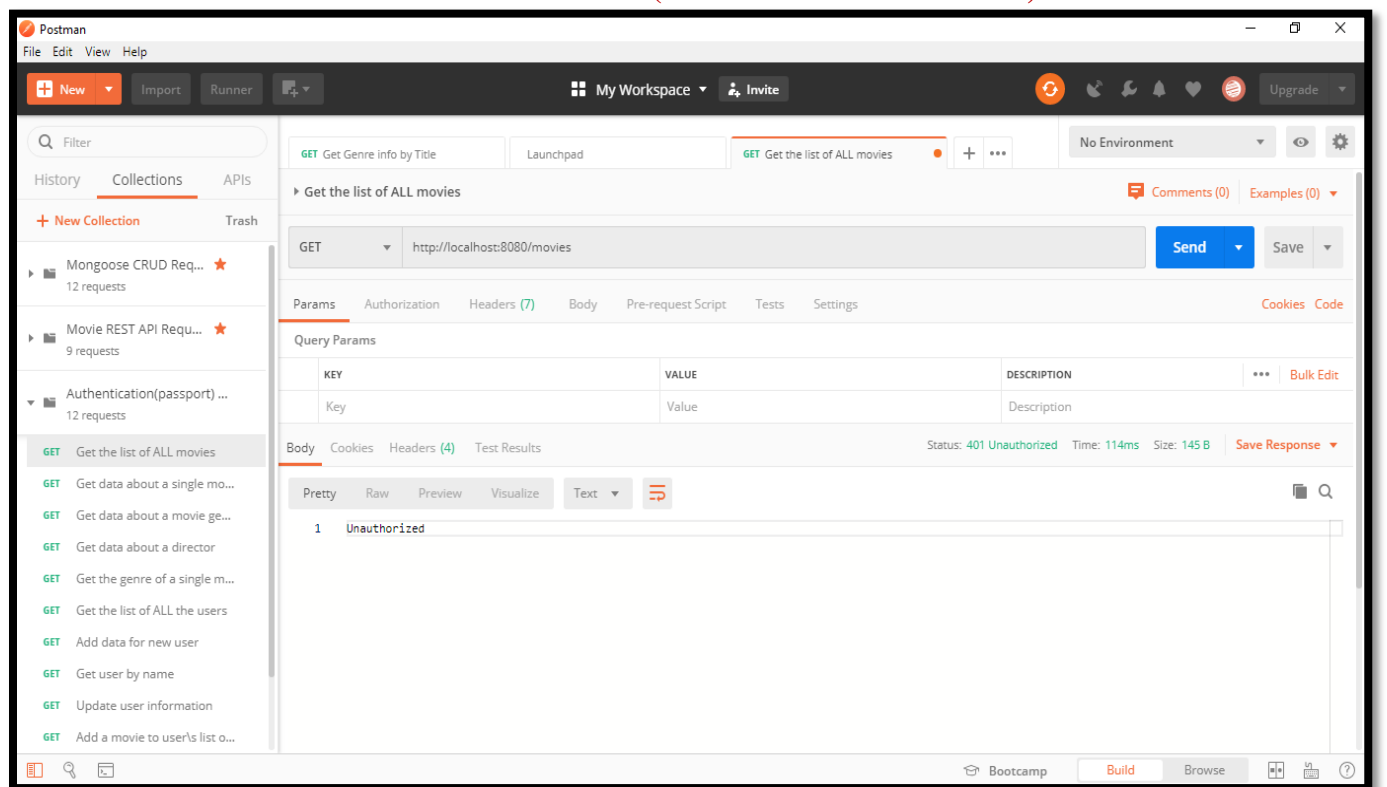
- movie_api
 - .git
 - node_modules
 - public
 - css
 - fontawesome.min
 - normalize.css
 - style.css
 - img
 - documentation.html
 - .gitignore
 - auth.js
 - Exercises 2.8.pdf
 - index.js
 - log.txt
 - models.js
 - mydata.txt
 - package-lock.json
 - package.json
 - passport.js
 - README.md

package.json

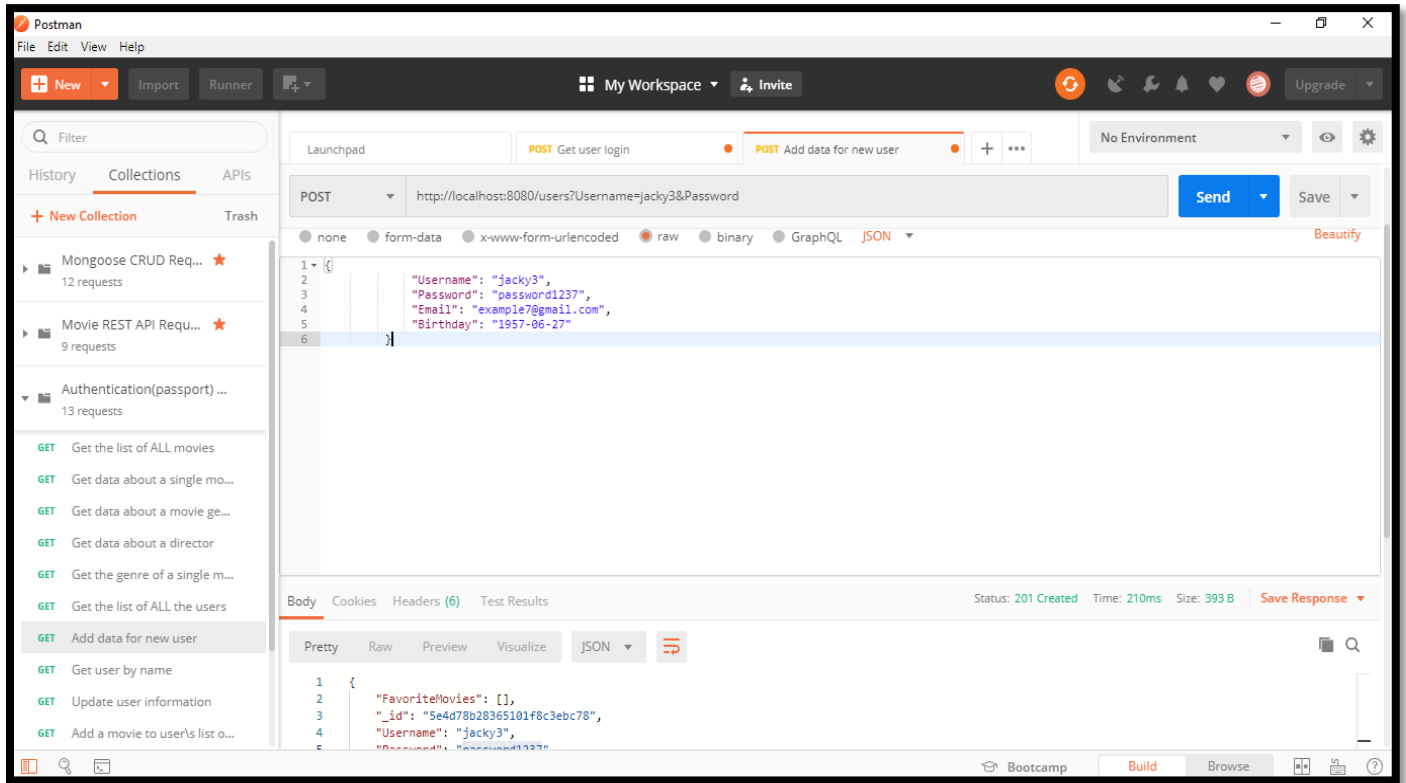
```
1 {
2   "name": "movie_api",
3   "version": "1.0.0",
4   "description": "myFlix-database",
5   "main": "index.js",
6   "dependencies": {
7     "@types/express": "^4.17.2",
8     "@types/jsonwebtoken": "^8.3.7",
9     "@types/mongoose": "^5.7.0",
10    "@types/morgan": "^1.7.37",
11    "@types/passport": "^1.0.2",
12    "@types/uuid": "^3.4.6",
13    "body-parser": "^1.19.0",
14    "express": "^4.17.1",
15    "jsonwebtoken": "^8.5.1",
16    "mongoose": "^5.8.11",
17    "morgan": "^1.9.1",
18    "passport": "^0.4.1",
19    "passport-jwt": "^4.0.0",
20    "passport-local": "^1.0.0",
21    "sequelize": "^5.21.4",
22    "uuid": "^3.3.3"
23  },
24  "devDependencies": {},
25  "scripts": {
26    "test": "echo \"Error: no test specified\" && exit 1"
27  },
28  "repository": {
29    "type": "git",
30    "url": "git+https://github.com/ito2019/mvFlix.git"
31  }
```

package.json 0 0 0 0 1:1 CRLF UTF-8 JSON

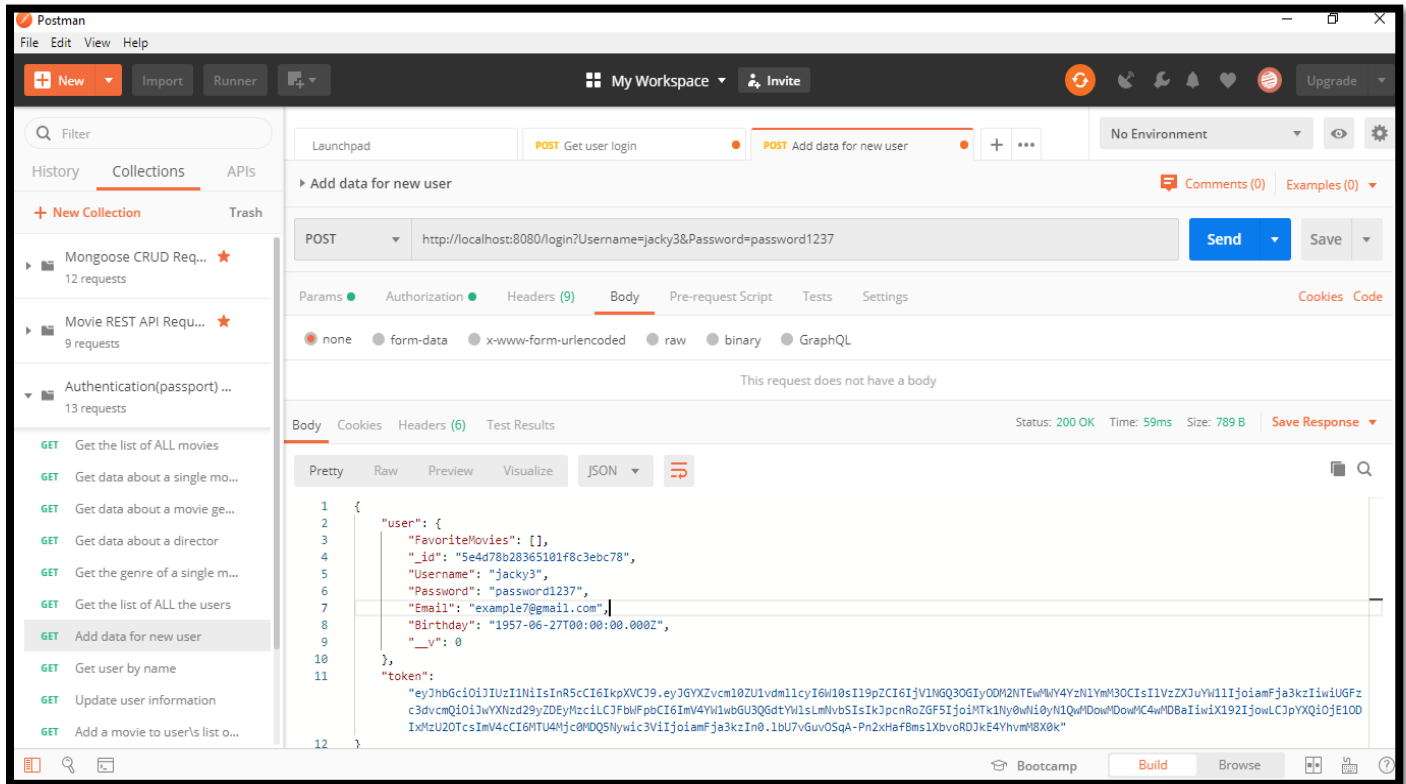
Postman screenshots (before authorization token)



Add New User

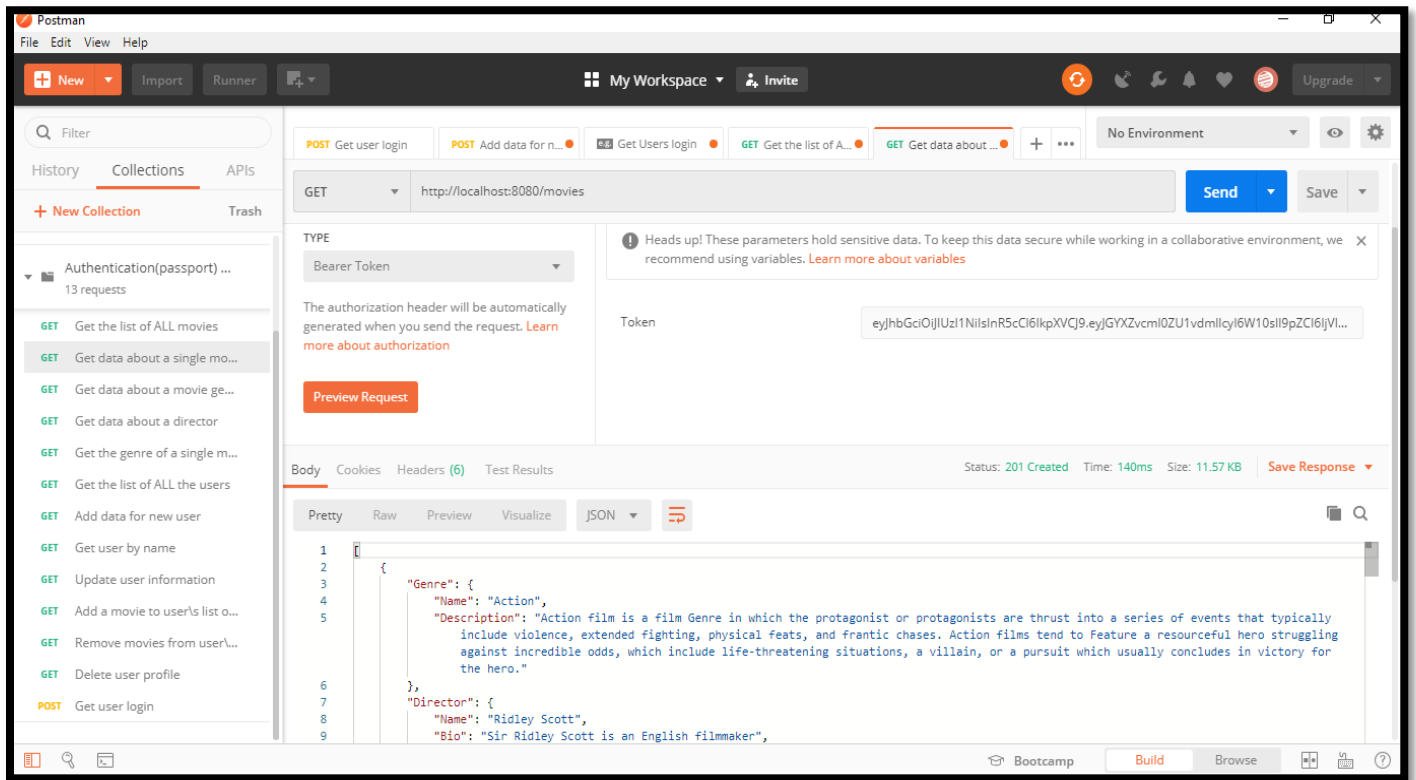


New User login and authorization token

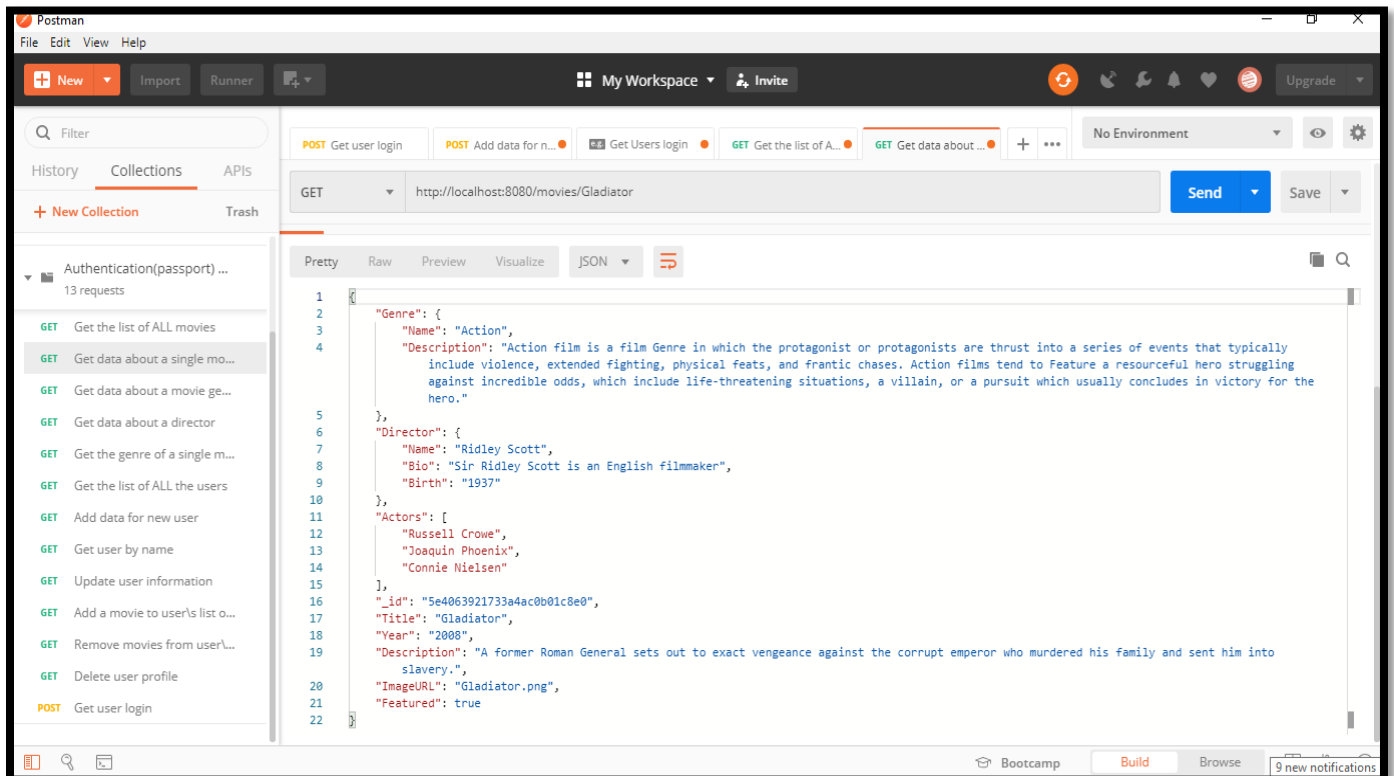


Postman screenshots with authorization token (11 requests)

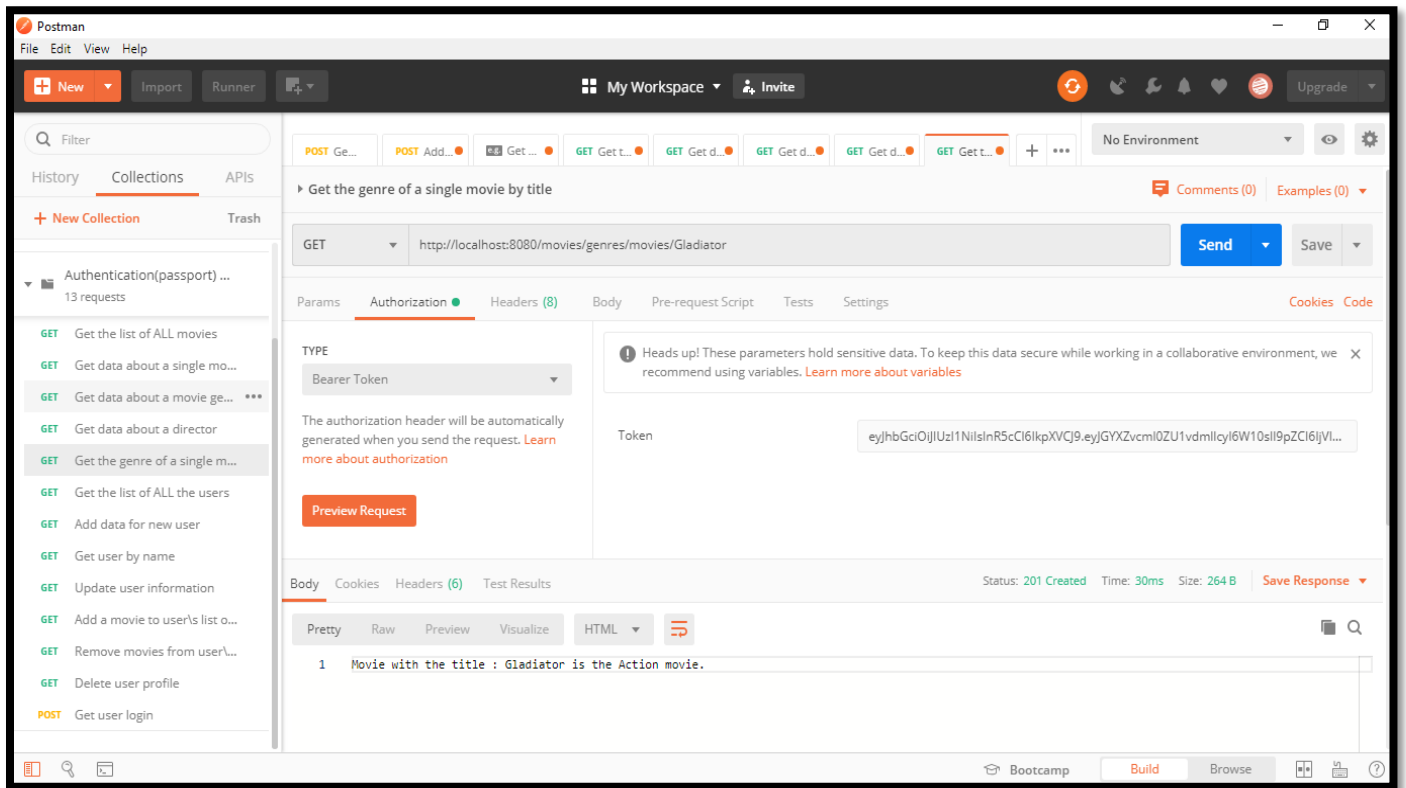
One: Return a list of ALL movies to the user:



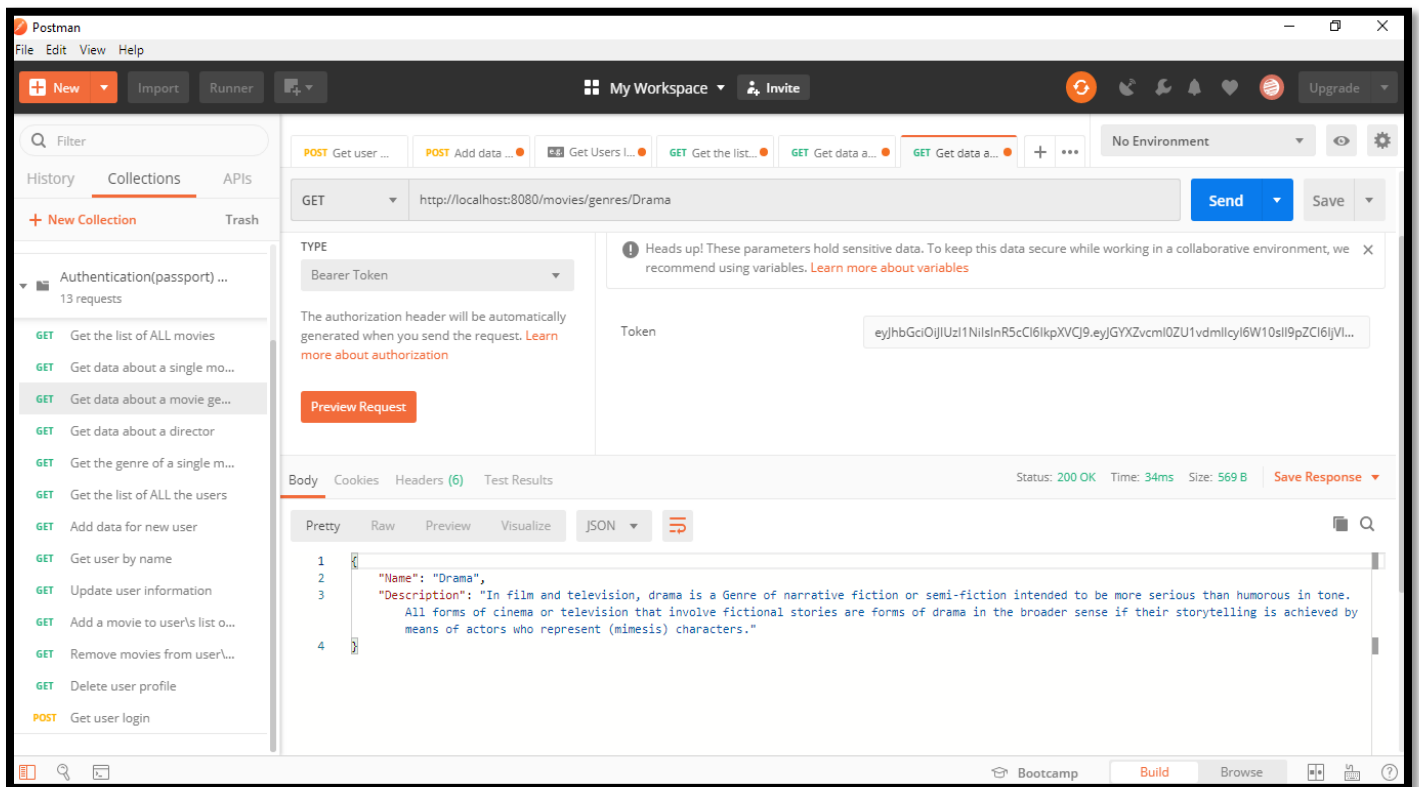
Two: Return data (description, genre, director, image URL, whether it's featured or not) about a single movie by title to the user:



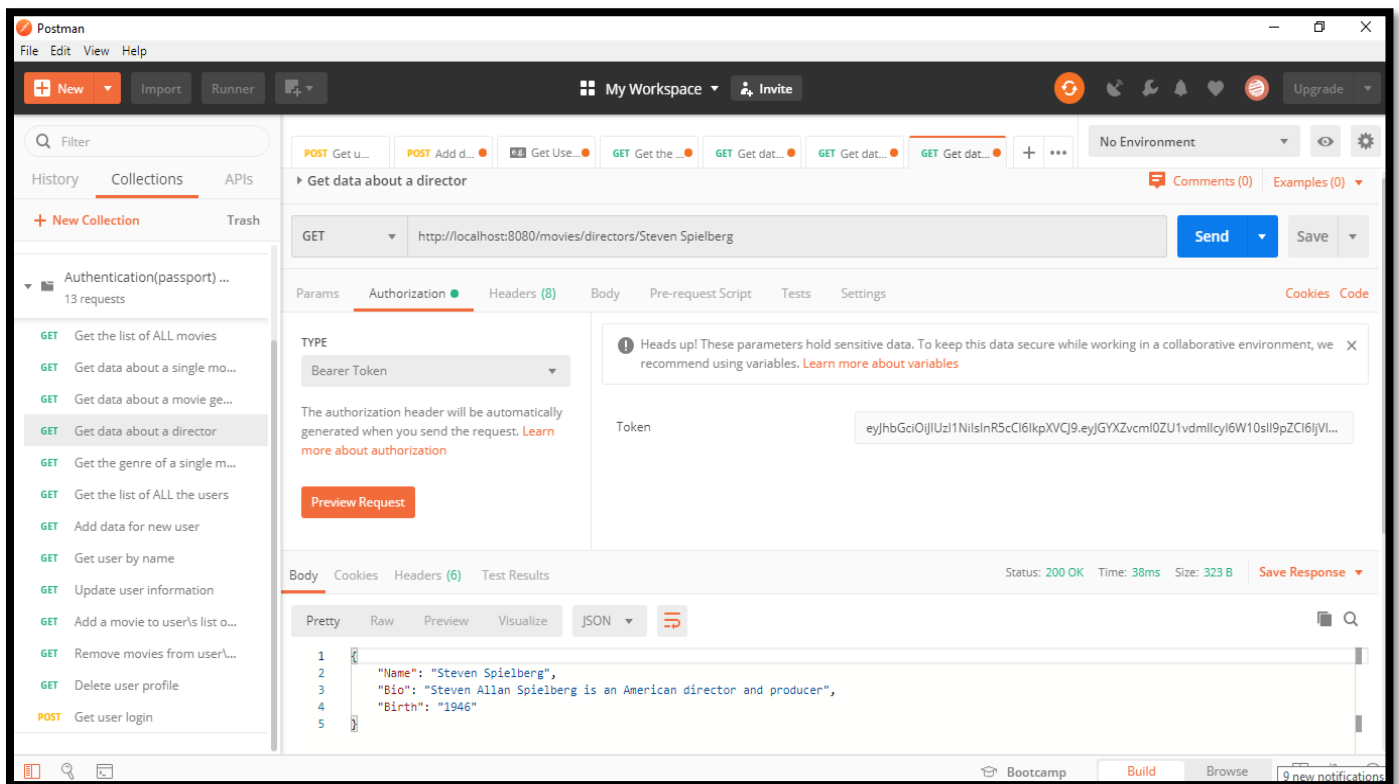
Three: Return data about a genre by the movie title (e.g., “Gladiator”):



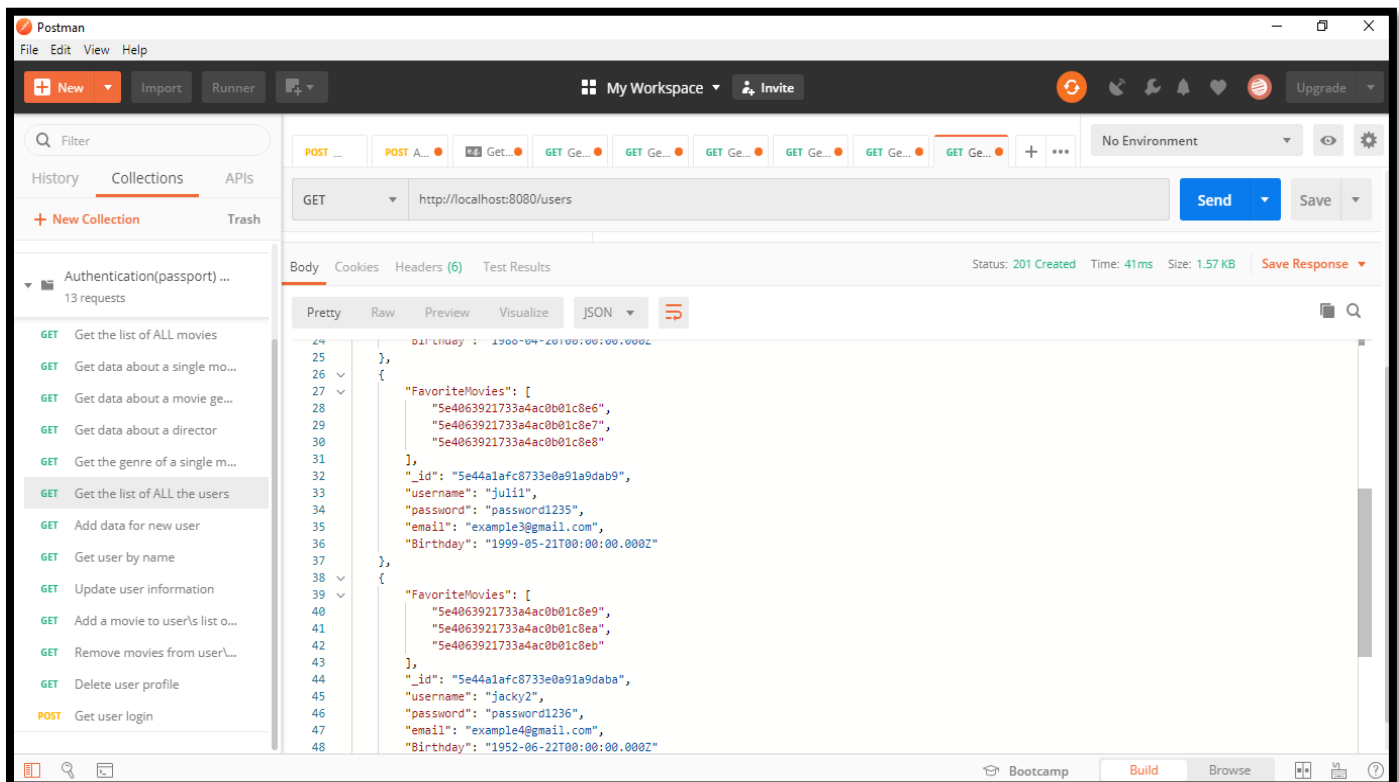
Four: Return data about a genre (description) by the genre Name (e.g., “Drama”):



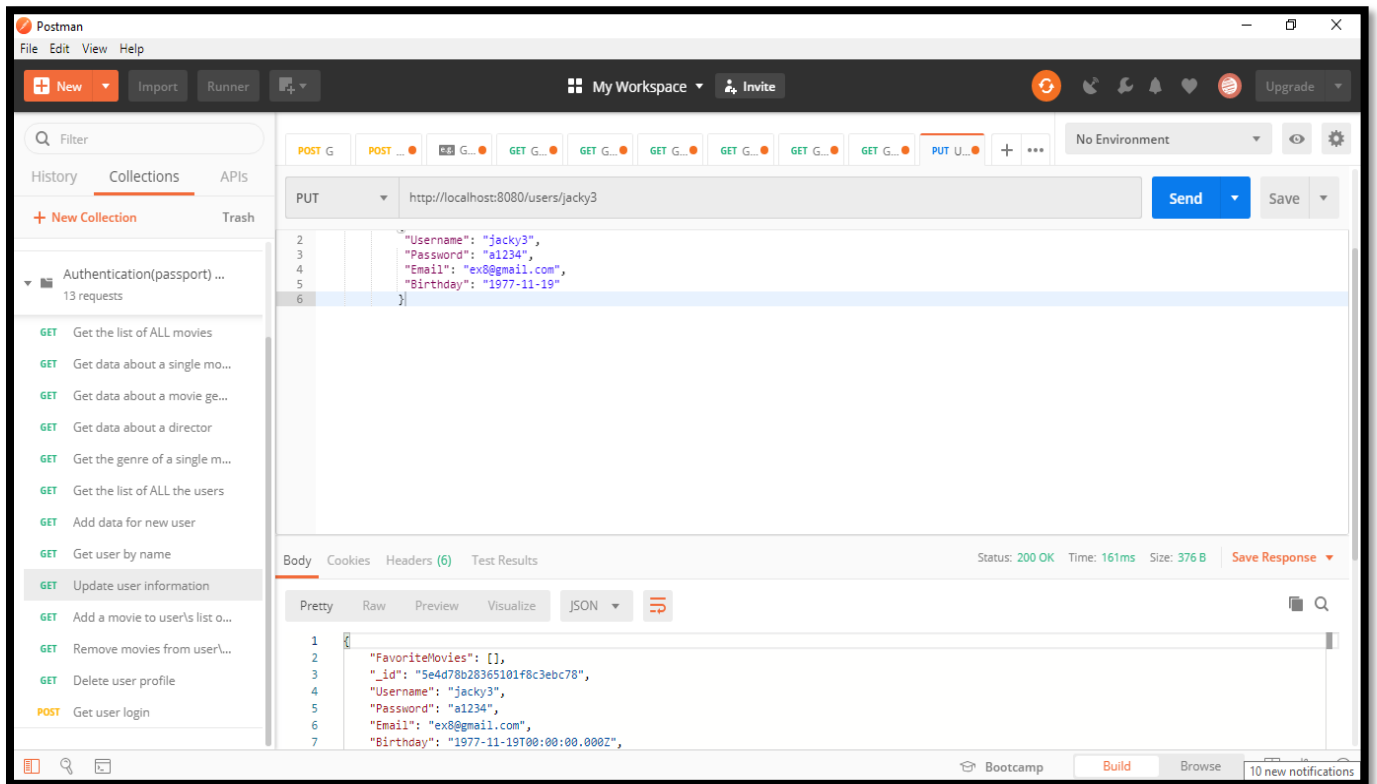
Five: Return data about a director (bio, birth year, death year) by name:



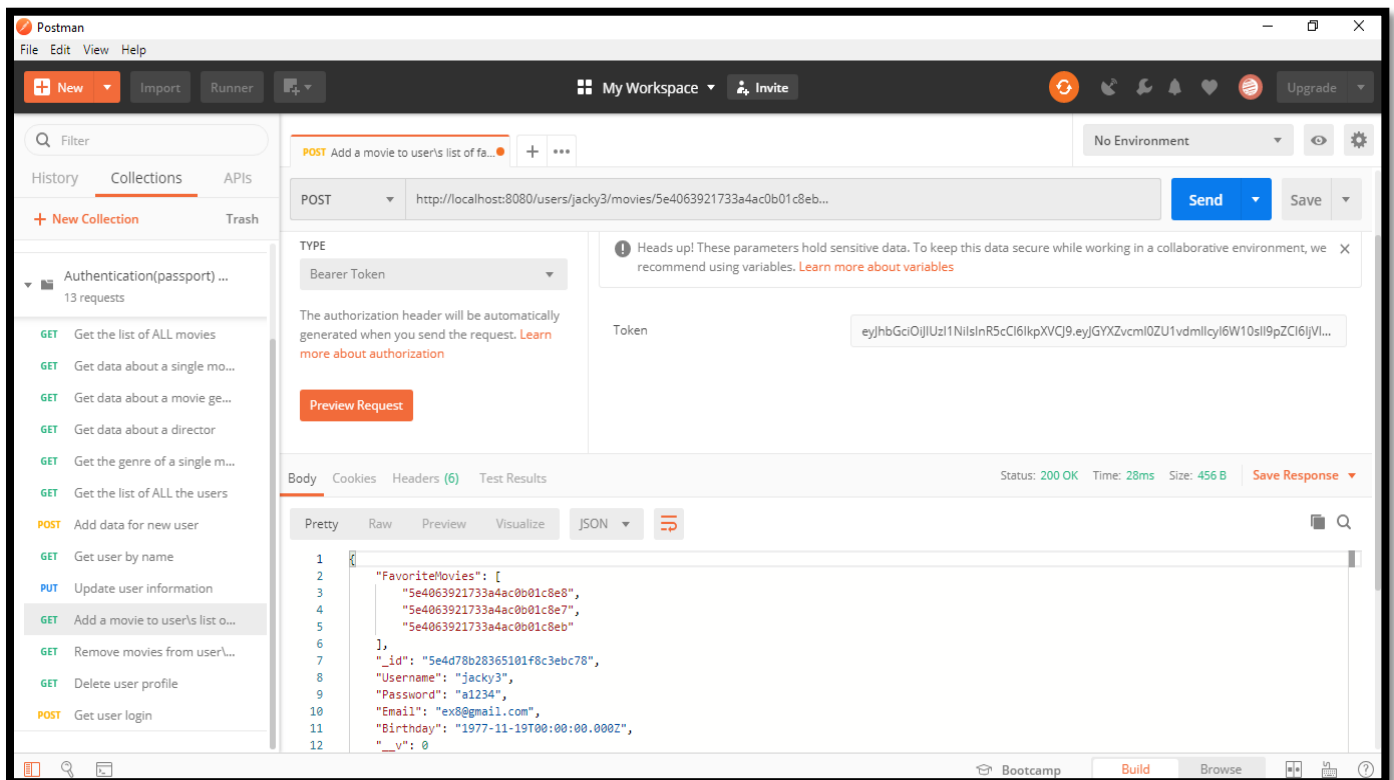
Six: Return a list of ALL users:



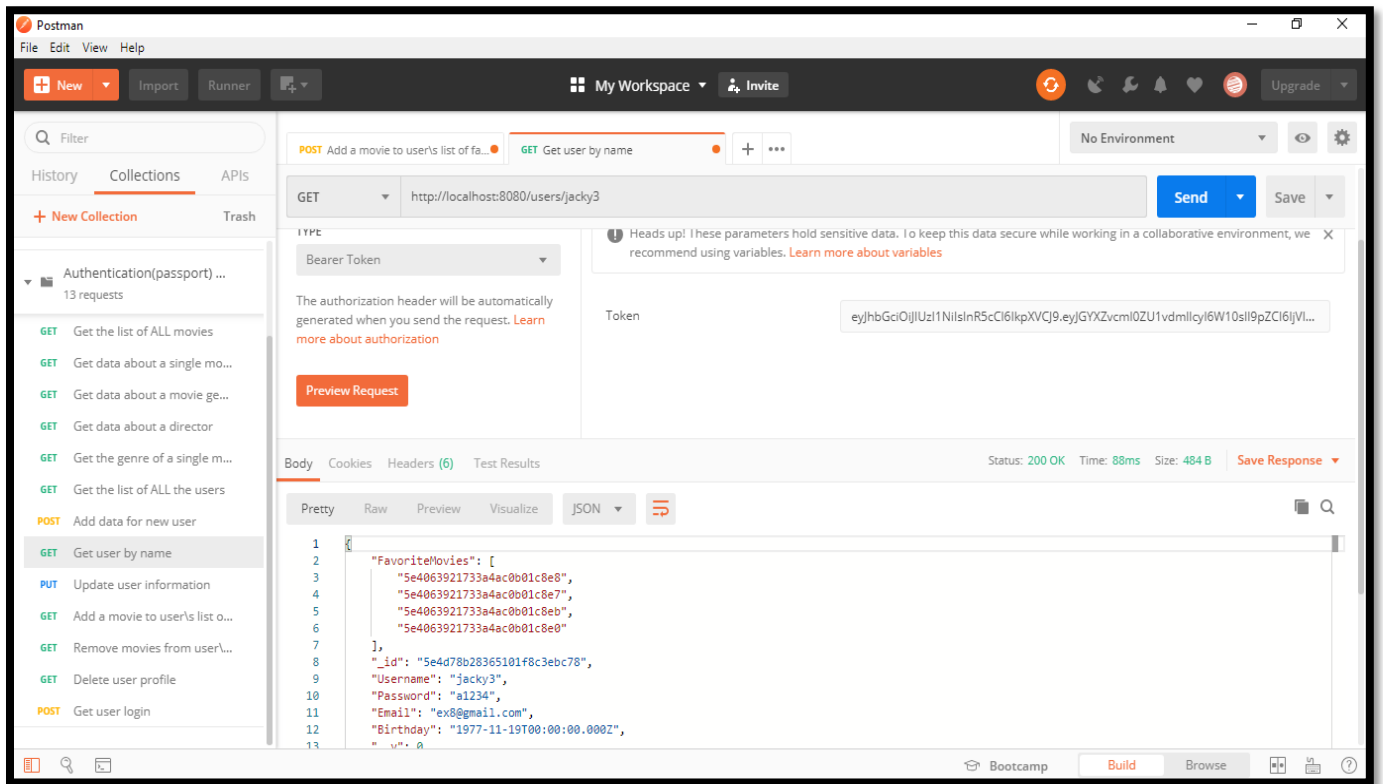
Seven: Allow users to update their user info (username, password, email, date of birth):



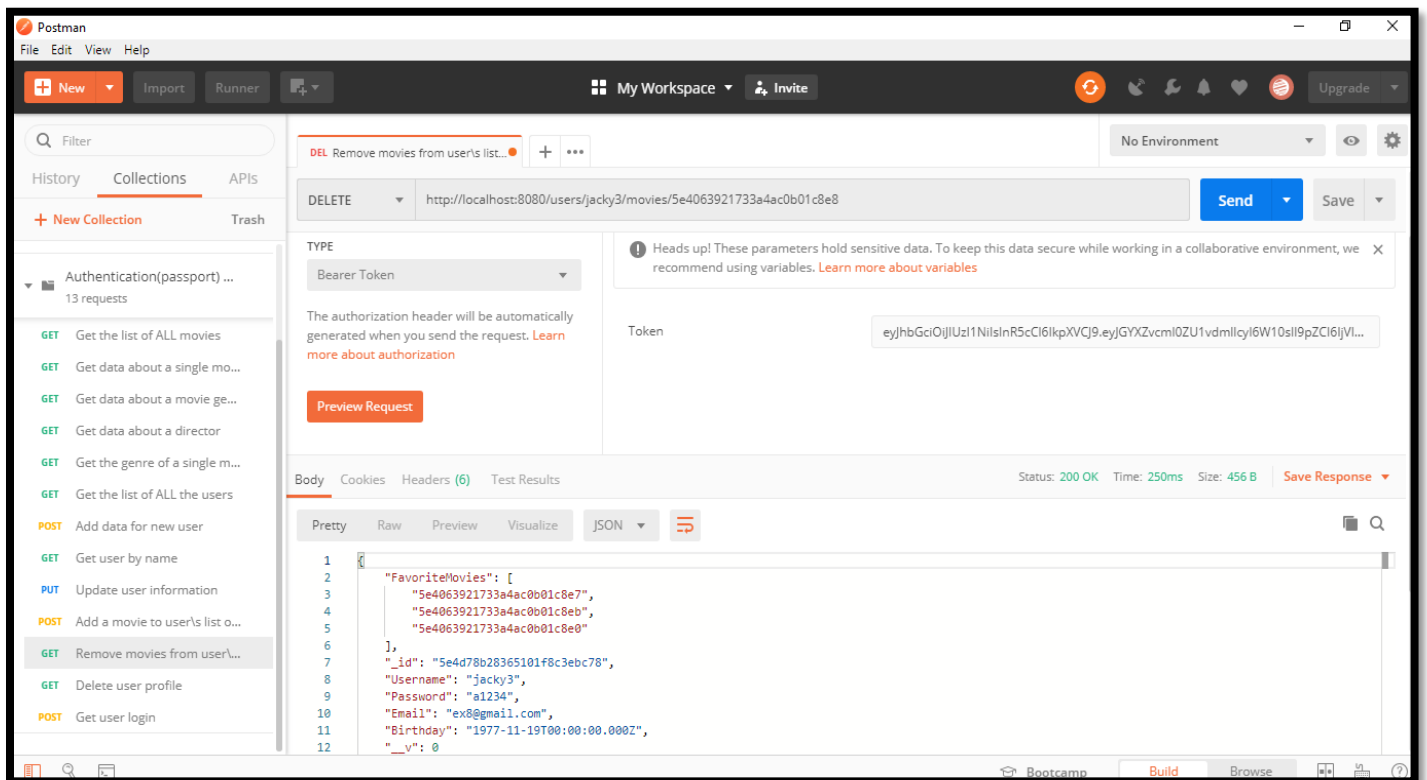
Eight: Allow users to add a movie to their list of favorites:



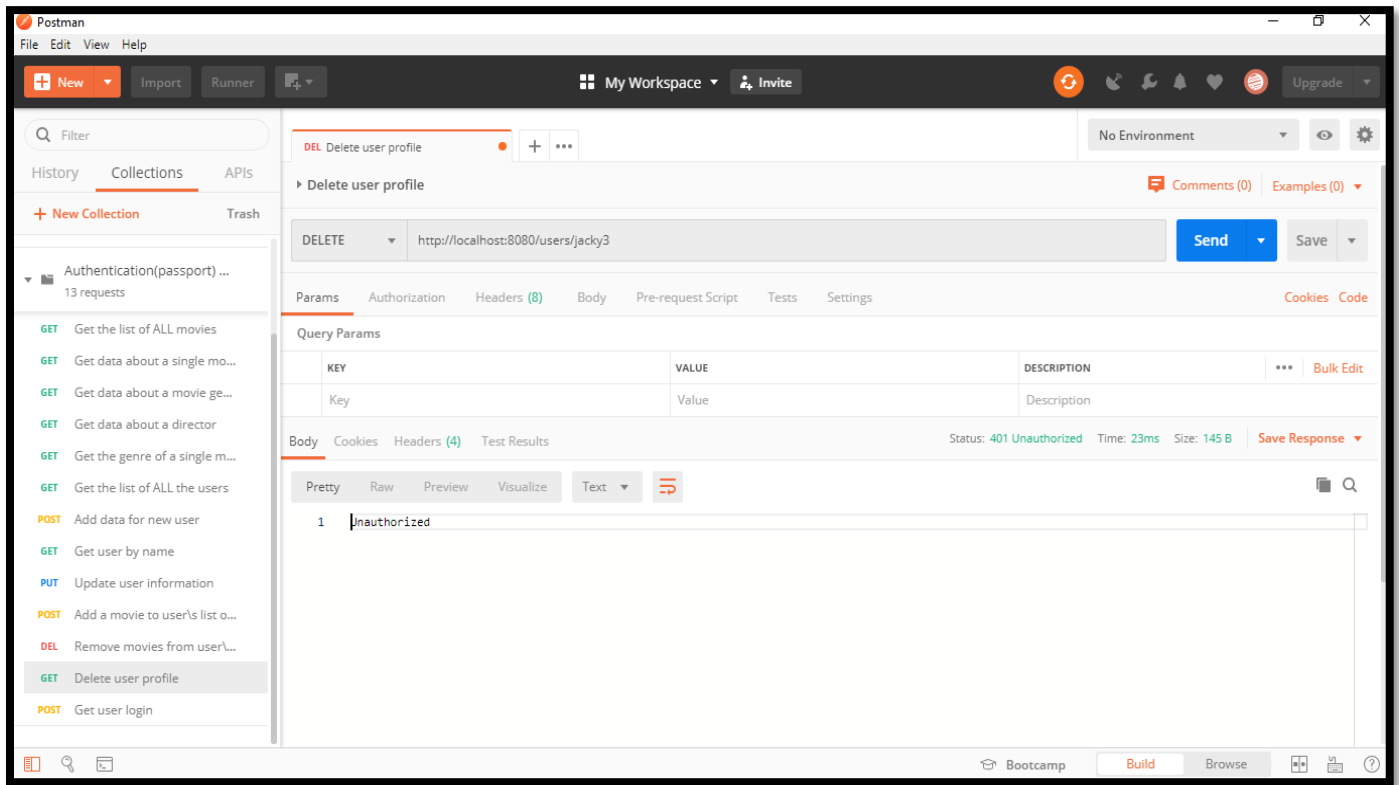
Nine: Get user by Name:



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



Eleven: Allow existing users to deregister without authorization token:



Twelve: Allow existing users to deregister with authorization token:

