

Comp 6215

Graphical User Interface

Assignment 2

Task 1: Creating the API

Refer to project folder in repository

Task 2: Testing the API

GET Users

```
1 [
2   {
3     "id": 1,
4     "fname": "",
5     "lname": "",
6     "uname": "SRogers",
7     "passwd": "America1",
8     "email": ""
9   },
10  {
11    "id": 2,
12    "fname": "Tony",
13    "lname": "Stark",
14    "uname": "TStark",
15    "passwd": "Iron1",
16    "email": "tony.stark@avengers.com"
17  }
18 ]
```

GET Movies

GET

Params Authorization Headers (8) Body Pre-request Script Tests [Cookies](#) [Code](#) [Comments \(0\)](#)

Query Params

KEY	VALUE	DESCRIPTION	...	Bulk Edit
Key	Value	Description		

Body [Cookies](#) [Headers \(4\)](#) [Test Results](#) Status: 200 OK Time: 401 ms Size: 1.44 KB

Pretty Raw Preview

```
1 [
2   {
3     "id": 1,
4     "title": "Avengers: End Game",
5     "summary": "After the devastating events of Avengers: Infinity War (2018), the universe is in ruins. With the help of remaining allies, the Avengers assemble once more in order to undo Thanos' actions and restore order to the universe.",
6     "picture": "MV5BMTcSMDE2ODcwNV5BMl5BanBnXkFtZTgwMzI2NzQ2ZnM@._V1_SY1000_CR0,0,674,1000_AL-",
7     "genre": "Action",
8     "rating": 8.8
9   },
10  {
11    "id": 2,
12    "title": "The Godfather",
13    "summary": "The aging patriarch of an organized crime dynasty transfers control of his clandestine empire to his reluctant son.",
14    "picture": "MV5BM2MyNjYxNmUtYTAwNi00MTYxLWJmNWYtYzZlODY3ZTk3OTFkXkEyXkFqcGdeQXVyNzkwMjQ5ZnM@._V1_SY1000_CR0,0,704,1000_AL-",
15    "genre": "Crime Drama",
16    "rating": 9.2
17  }
18 ]
```

POST Wishlist

POST

Params Authorization Headers (9) **Body** Pre-request Script Tests Cookies Code Comments (0)

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary JSON (application/json)

```
1 {  
2   "pid": 1,  
3   "mid": 2  
4 }  
5  
6
```

Body Cookies Headers (5) Test Results Status: 201 Created Time: 104 ms Size: 223 B

Pretty Raw Preview

```
{"id":1,"pid":1,"mid":2}
```

Task 3: Creating the GUI Interface

Refer to project folder in repository

Rationale

I have chosen to create the user interface using WPF. I chose this platform as I want to develop and improve my skills and knowledge with this piece of software and become more familiar with the tools/components available. Also, I want to become more familiar with the process of data-binding and working with the code-behind files.

Task 4: Testing and Documentation

Refer to HowToUse.md file in project folder.