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 -
                                    "id": 1,
          3
                                   "fname": "",
"lname": "",
"uname": "SRogers",
"passwrd": "America1",
"email": ""
          4
          5
          7
          8
         9
        10 -
                                    "id": 2,
"fname": "Tony",
"lname": "Stark"
        11
        12
        13
                                    "uname": "TStark",
        14
                                     "passwrd": "Iron1",
        15
                                     "email": "tony.stark@avengers.com"
        16
        17
       18
GET Movies
                     http://localhost:5000/api/movies/
                                                                                                                                                                                                                  Save ▼
                Authorization Headers (8) Body Pre-request Script
                                                                                                                                                                                               Cookies Code Comments (0)
  Query Params
        KEY
                                                                                 VALUE
                                                                                                                                                          DESCRIPTION
                                                                                                                                                                                                              ••• Bulk Edit
 Body Cookies Headers (4) Test Results
  □ Q
 1 - [
                       "id": 1,

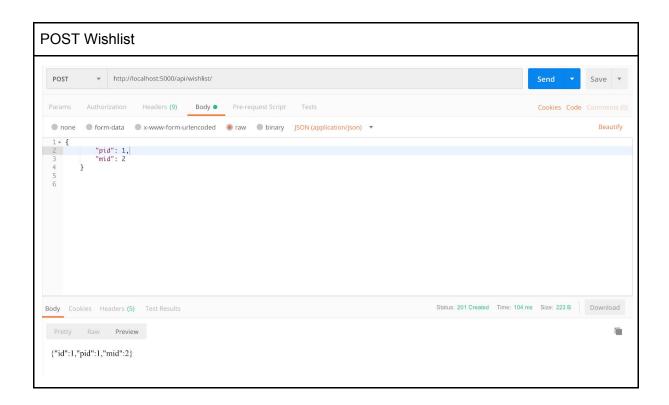
"title": "Avengers: End Game",

"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.",

"picture": "MVSBMTcSMDE2ODcwNVSBM15BanBnXkFtZTgwMzI2NzQ2NzM@._V1_SY1000_CR0,0,674,1000_AL_",

"genre": "Action",

"rating": 8.8
     6
7
8
9
10 •
11
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14
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16
17
                       "id": 2,
"title": "The Godfather",
"summary": "The aging patriarch of an organized crime dynasty transfers control of his clandestine empire to his reluctant son.",
"picture": "MV5BMZMyNjYxNmUtYTAwNi00MTYxLWJmNWYtYzZlODY3ZTk3OTFlXkEyXkFqcGdeQXVyNzkwMjQ5NzM@._V1_SY1000_CR0,0,704,1000_AL_",
"genre": "Crime Drama",
"rating": 9.2
```



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.