Api Movies

Introduction

This is a rest api developed in C # that has a token-based authentication service, this token will be active for 20 minutes, this api allows creating and modifying users and creating and modifying movies.
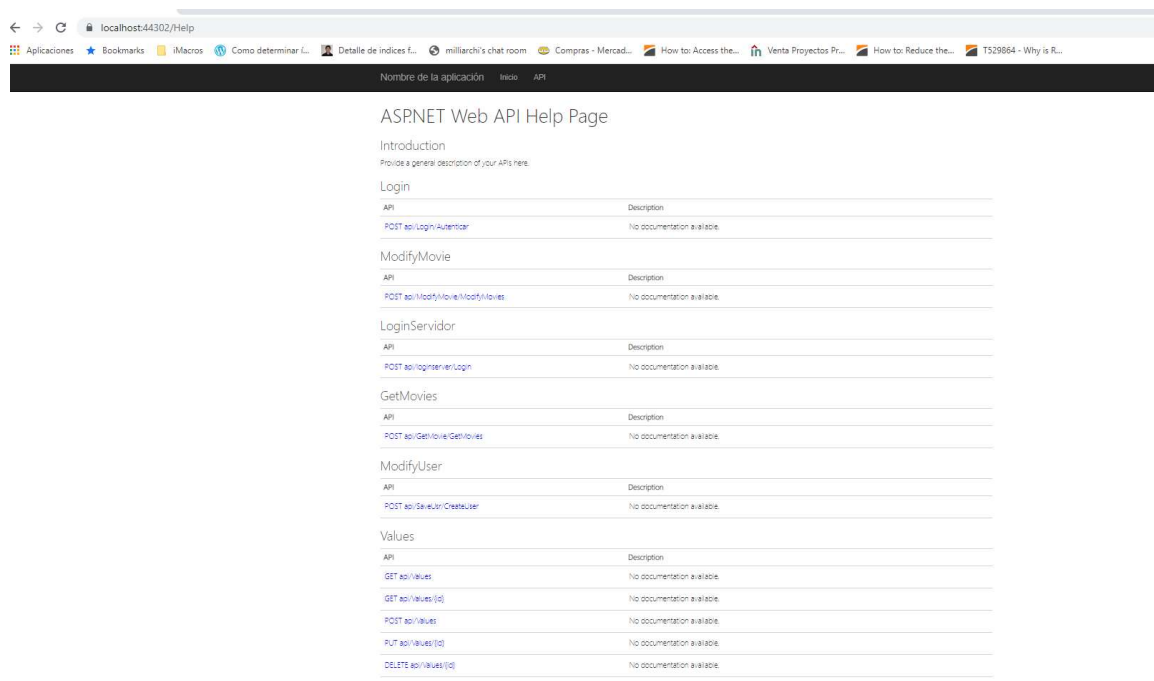
When creating users, it is validated that the email is valid and it is validated that the password has more than 10 characters and that it contains uppercase and lowercase letters.

When creating a movie without a user id, you will find out that it can be published and that any user can modify and delete it, if it contains the user id it can only be modified and deleted by that same user.

Requirements:

- Visual Studio 2017 or later
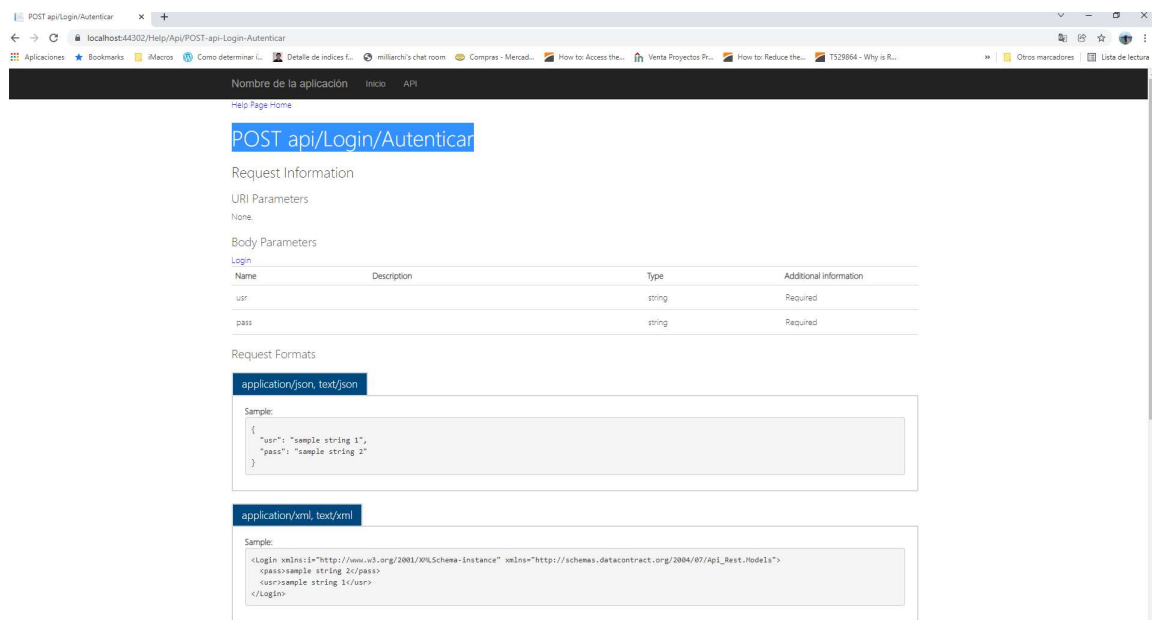- SQL Server 2016 or later
- Postman

End Points:

1. Restore attached database to local sql
2. Run the solution on Visual Studio

   We are go to test each Api's end point

3. Authenticate with the following username and password to generate the token, it expires every 20 minutes:

   User: myuser
   Pasword: 123456@

4. Take the generated Json and take it to postman and run it in the body as raw

Note: This token is required to test each of the following ends points

5. Copy and paste the Token in the headers as autentication and in value paste the token with "bearer"

6. We are go to test the endpoint Create and Modify Users
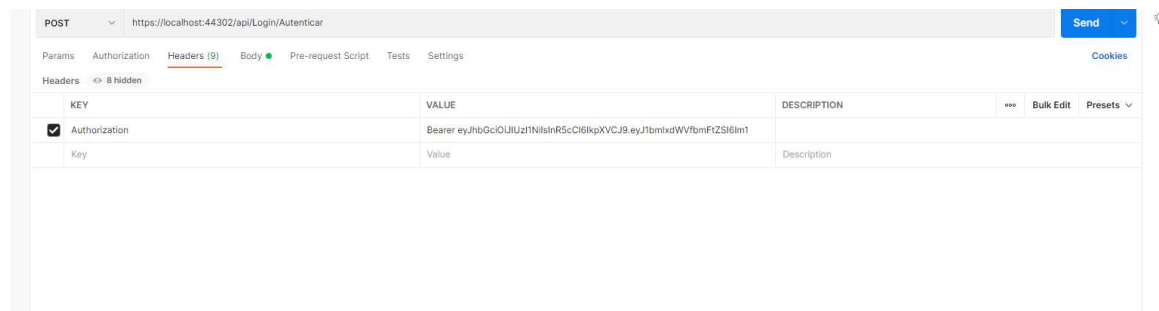
Take the Json and paste in body of postman and replace each item such as the image and run

First validation: password without 10 characters

NOTE: You can test each of the password and email validations by replacing each of the Json variables with the parameters you want.

NOTE: To create users in the action parameter it must go 0 and to delete them it must go 1

7. We are go to test Modify Movies end point

https://localhost:44302/api/ModifyMovie/ModifyMovies

POST ∨   https://localhost:44302/api/ModifyMovie/ModifyMovies

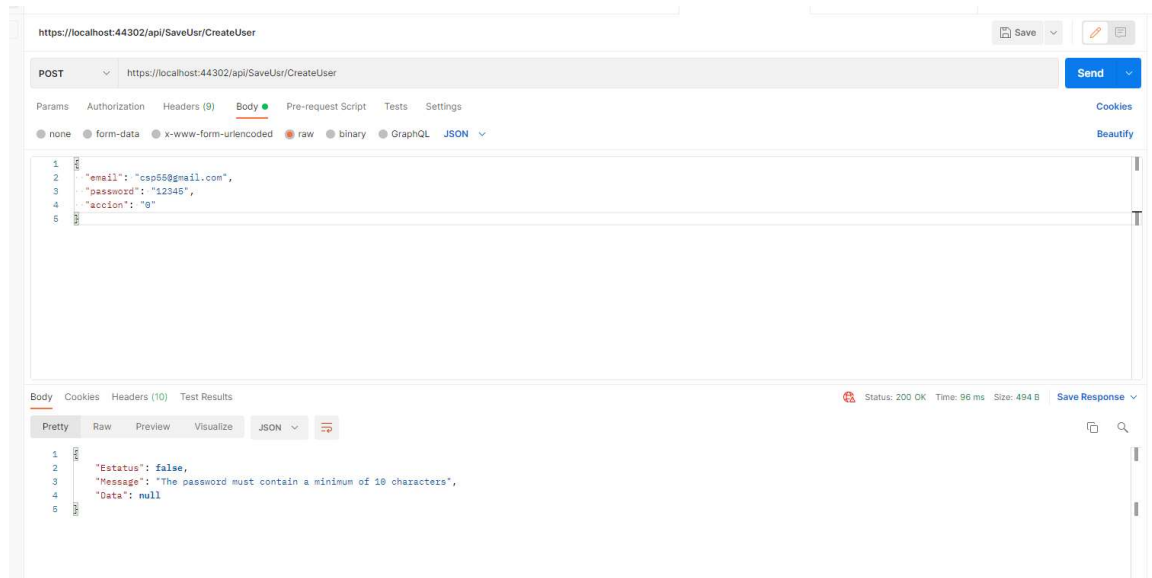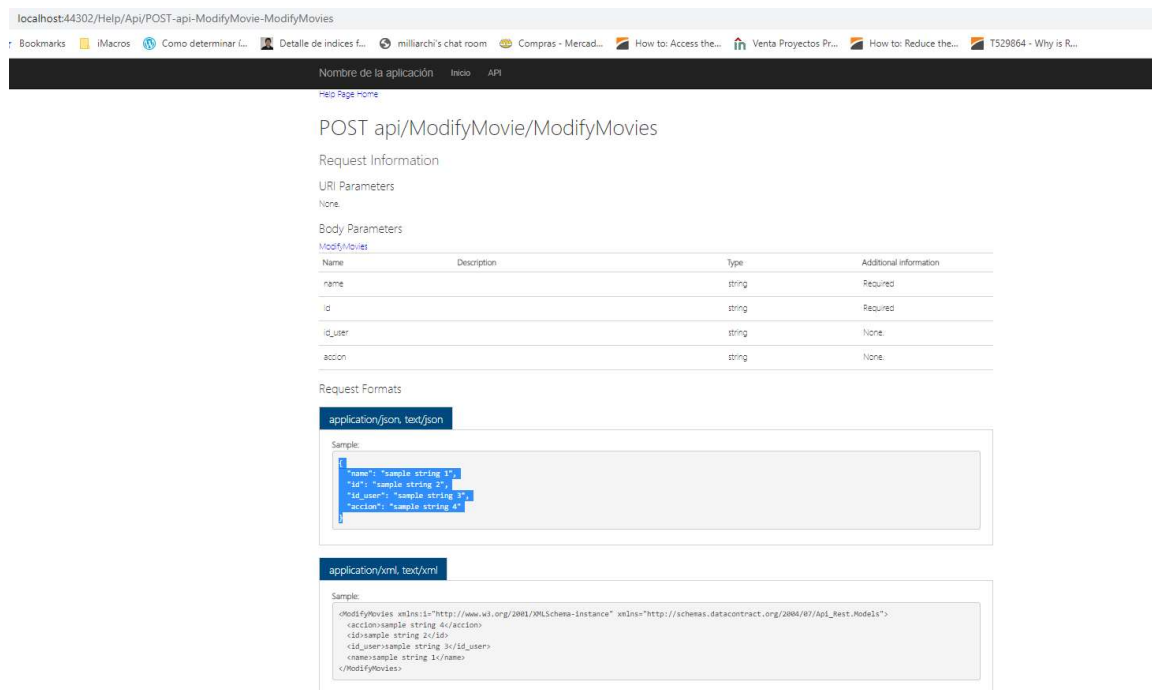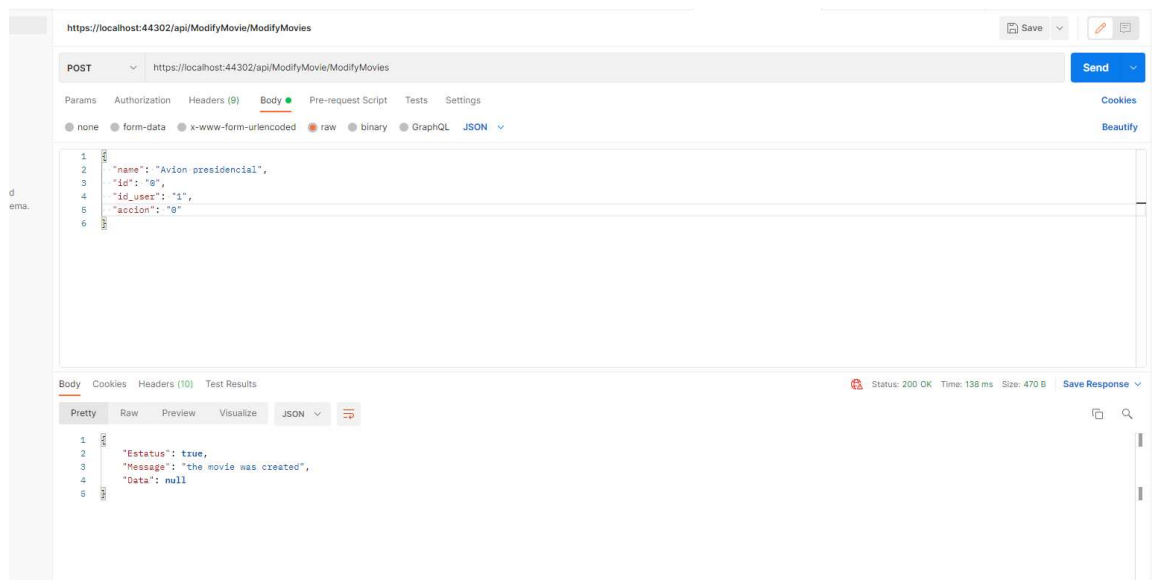Params   Authorization   Headers (9)   Body ●   Pre-request Script   Tests   Settings

none   form-data   x-www-form-urlencoded   raw   binary   GraphQL   JSON ∨

1
2   "name": "Avion presidencial",
3   "id": "0",
4   "id_user": "1",
5   "accion": "0"
6

Body   Cookies   Headers (10)   Test Results   Status: 200 OK   Time: 138 ms   Size: 470 B   Save Response ∨

Pretty   Raw   Preview   Visualize   JSON ∨

1
2   "Estatus": true,
3   "Message": "the movie was created",
4   "Data": null
5

8. Now we are go to see the created movies

POST ∨   https://localhost:44302/api/GetMovie/GetMovies

Params   Authorization   Headers (9)   Body ●   Pre-request Script   Tests   Settings

none   form-data   x-www-form-urlencoded   raw   binary   GraphQL   JSON ∨

1
2   "id": "2",
3   "idUser": "0"
4

Body   Cookies   Headers (10)   Test Results   Status: 200 OK   Time: 31 ms   Size: 524 B   Save Response ∨

Pretty   Raw   Preview   Visualize   JSON ∨

1
2   "Estatus": true,
3   "Message": null,
4   "Data": [
5   {
6   "id": 2,
7   "name_movie": "Avion presidencial",
8   "id_api_user": 1,
9   "email": "csp@gmail.com"
10   }
11]
12