APIS MANAGEMENT FUNCTIONAL DOCUMENT

DEVELOPER: ARMANDO RUIZ REBOLLAR

REQUIRIMIENTS

1. Provide a REST API to access movies and persons models:

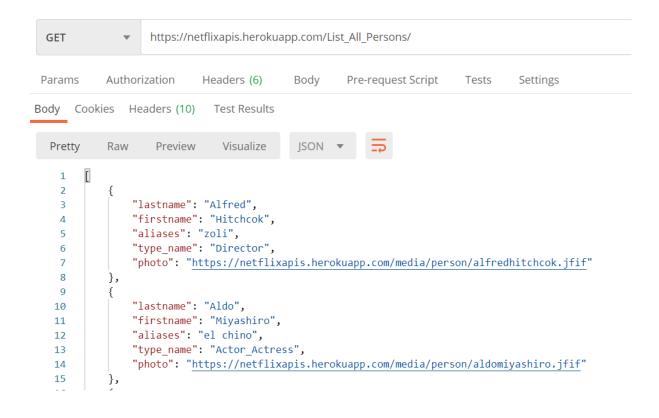
No authentication is required

a. API Movies: https://netflixapis.herokuapp.com/List All Movies/

```
https://netflixapis.herokuapp.com/List_All_Movies/
GET
Params
           Authorization
                            Headers (6)
                                            Body
                                                     Pre-request Script
                                                                          Tests
                                                                                   Settings
ody Cookies Headers (10)
                              Test Results
                               Visualize
                                            ISON
 Pretty
           Raw
                    Preview
       [
   1
   2
                "title": "Asu Mare 2",
   3
                "sipnosis": "Una comedia que narra las aventuras del artista Carlos Alcántara en su camin
   4
                    Lima, sus años en la juventud y la relación con su madre.",
                "Release_Year": 2020,
   5
                "get_num_roman": "MMXX",
   6
                "language": "Spanish",
   7
                "genre": "SciFi",
   8
                "top": "https://netflixapis.herokuapp.com/media/movies/asumare2.jfif"
   9
  10
  11
                "title": "Av Larco",
  12
                "sipnosis": "Documental sobre el origen e historia de la banda frágil, imágenes de concie
  13
                    de la agrupación de boca de sus propios protagonistas.",
                "Release Year": 2019,
  14
```

No authentication is required

b. API Persons: https://netflixapis.herokuapp.com/List_All_Persons/



2. Movie documents must include references or full documents to persons in their different roles

No authentication is required

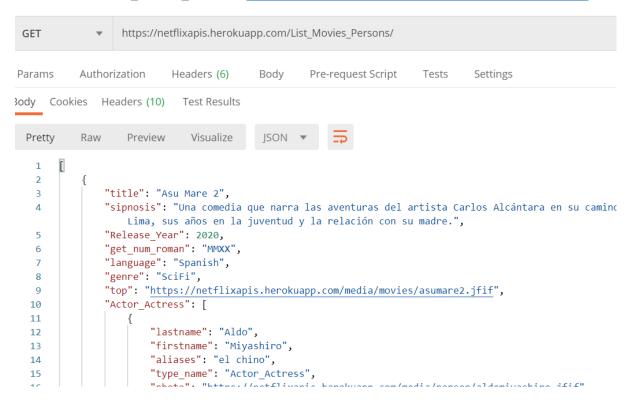
a. API_Persons_Movies: https://netflixapis.herokuapp.com/List_Persons_Movies/

```
https://netflixapis.herokuapp.com/List_Persons_Movies/
 GET
 Params
            Authorization
                             Headers (6)
                                             Body
                                                      Pre-request Script
                                                                           Tests
                                                                                    Settings
Body Cookies Headers (10)
                               Test Results
                                Visualize
  Pretty
            Raw
                     Preview
        [
    1
    2
    3
                 "lastname": "Alfred",
                 "firstname": "Hitchcok",
    4
                 "aliases": "zoli",
    5
                 "photo": "https://netflixapis.herokuapp.com/media/person/alfredhitchcok.jfif",
    6
                 "actor_actress": [
    7
    8
                         "title": "La Hora Final",
    9
                         "sipnosis": "La historia de la \"Operación Victoria\", programada y dirigida por el
   10
                             para investigar a la alta jerarquía del grupo terrorista Sendero Luminoso.",
                         "Release_Year": 2017,
   11
                         "get_num_roman": "MMXVII",
   12
                         "language": "Usa",
   13
```

3. Person documents must include references or full documents to movies in the different roles the Person has.

No authentication is required

a. API_Movies_Persons: https://netflixapis.herokuapp.com/List_Movies_Persons/

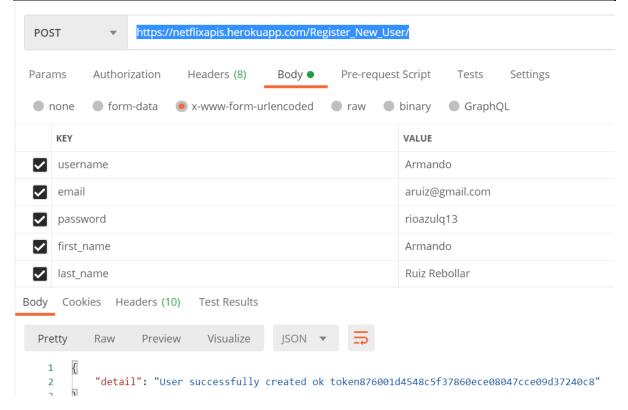


4. Unsafe methods are only available to authenticated users.

No authentication is required

a. API_Register_User: https://netflixapis.herokuapp.com/Register_New_User/

PARAMETER INPUT	TYPE	SIZE
username	VARCHAR	12
email	VARCHAR	20
password	VARCHAR	20
first_name	VARCHAR	60
last_name	VARCHAR	80



PARAMETER OUTPUT

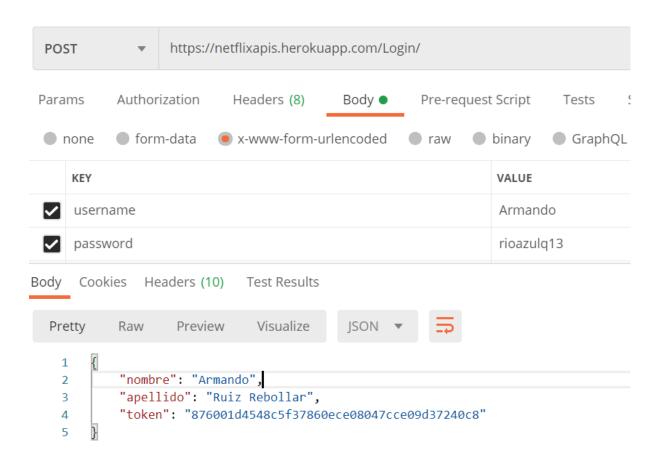
TOKEN USER FOR AUTHENTICATED

5. Unsafe methods are only available to authenticated users.

No authentication is required

a. API_Login_User: https://netflixapis.herokuapp.com/Login/

PARAMETER INPUT	TYPE	SIZE
username	VARCHAR	12
password	VARCHAR	20

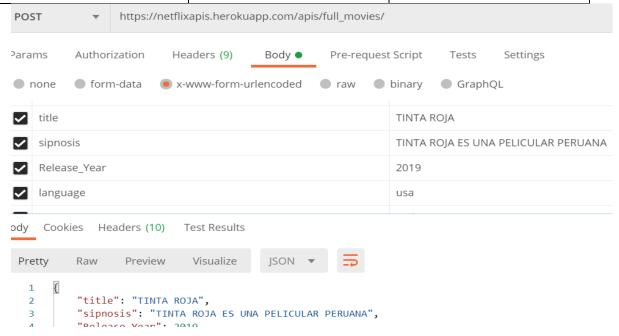


6. Crud Movies.

Authentication is required

METHOD	API
GET	https://netflixapis.herokuapp.com/apis/full_movies/
POST	https://netflixapis.herokuapp.com/apis/full_movies/
PUT	https://netflixapis.herokuapp.com/apis/full_movies/
DELETE	https://netflixapis.herokuapp.com/apis/full_movies/

PARAMETER INPUT	VALUE	
Authorization	token 876001d4548c5f37860ece08047cce09d37240c8	
	TYPE	EXAMPLE
title	VARCHAR	TINTA ROJA
sipnosis	TEXT	XXXXXXXXX
Release_Year	INT	2002
language	VARCHAR	USA
genre	VARCHAR	HORROR
Actor_Actress	INT	1
Director	INT	1
Producer	INT	1

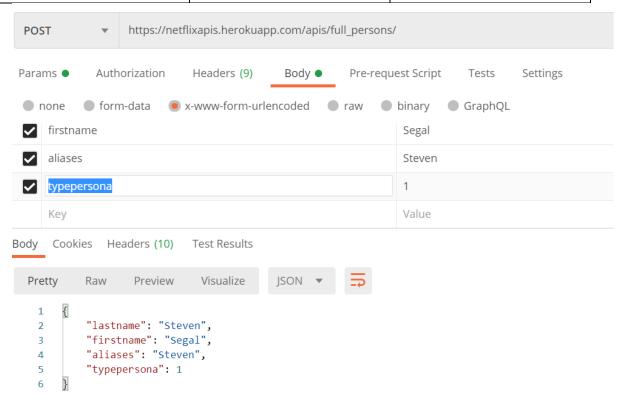


7. Crud Persons.

Authentication is required

METHOD	API
GET	https://netflixapis.herokuapp.com/apis/full_persons/
POST	https://netflixapis.herokuapp.com/apis/full_persons/
PUT	https://netflixapis.herokuapp.com/apis/full_persons/
DELETE	https://netflixapis.herokuapp.com/apis/full_persons/

PARAMETER INPUT	VALUE	
Authorization	token 876001d4548c5f37860ece08047cce09d37240c8	
	TYPE	EXAMPLE
lastname	VARCHAR	STEVEN
firstname	TEXT	SEGAL
aliases	VARCHAR	STEVEN
typepersona	INT	1



8. Movie documents must include the Release Year in roman numerals. This field should not be stored in the DB, just calculated on the fly.

```
GET
                   https://netflixapis.herokuapp.com/List_All_Movies/
Params
           Authorization
                            Headers (6)
                                            Body
                                                      Pre-request Script
                                                                          Tests
                                                                                    Settings
ody Cookies Headers (10)
                             Test Results
 Pretty
                    Preview
                                Visualize
   1
                "title": "Asu Mare 2",
   3
                "sipnosis": "Una comedia que narra las aventuras del artista Carlos Alcántara en su camino hacia la fam
   4
                   Lima, sus años en la juventud y la relación con su madre.",
                "Release_Year": 2020,
                "get_num_roman": "MMXX",
   6
                "language": "Spanish",
"genre": "SciFi",
   8
  9
                "top": "https://netflixapis.herokuapp.com/media/movies/asumare2.jfif"
  10
  11
                "title": "Av Larco",
  12
                "sipnosis": "Documental sobre el origen e historia de la banda frágil, imágenes de conciertos acompañad
  13
                    de la agrupación de boca de sus propios protagonistas.",
                "Release_Year": 2019,
  14
```

9. The apis can be consumed from the REACT Framework, the COREs are unlocked