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# Proyecto UF2 v4

## Observaciones:

En esta Version de la API, se ha movido la logica de los controladores hacia la capa de servicios, aunque en algunos casos esa logica es minima y quizas no era necesario.

## Funcionalidades Implementadas

- Recomendaciones
- Valoraciones
- Búsquedas

## Endpoints

### Recomendaciones:

- /recommended/

  - GET

/animes/recommended/

Obtiene la lista de los animes recomendados por los usuarios. No hace falta estar identificado, es un recurso publico.

Categorizados por generos.

Respuesta: 200

```

{
  "result": [
    {
      "genre": "Action",
      "animes": [
        {
          "animeName": "Bleach",
          "animeType": "TV"
        },
        {
          "animeName": "Shingeki no Kyojin(Attack on Titan)",
          "animeType": "TV"
        },
        {
          "animeName": "Kimetsu no Yaiba Mugen Ressha-hen(Demon Slayer: Infinity Train)",
          "animeType": "Film"
        }
      ]
    }
  ]
}

```

- **POST** /animes/recommended/

Añade un anime a la lista publica de recomendados, si hace falta estar identificado, por defecto toma el id del usuario.

Request body:

```

{
  "animeid": "e2ef4c86-8aab-4677-a532-749a8b6ac0cd"
}

```

Respuesta: 200

```
{
  "message": "Added 'Bleach' to recommended list"
}
```

Respuesta: 400

```
{
  "message": "The id entered is not valid"
}
```

### Valoraciones:

- `/rating/`

- **GET** `/animes/rating/`

Obtiene la lista de las valoraciones hechas por los usuarios. No hace falta estar identificado, es un recurso publico.

Respuesta: 200

```

{
  "result": [
    {
      "anime": "Shingeki no Kyojin(Attack on Titan)",
      "score": 9.8
    },
    {
      "anime": "Jujutsu Kaisen",
      "score": 9.5
    },
    {
      "anime": "Kimetsu no Yaiba(Demon Slayer)",
      "score": 7.0
    },
    {
      "anime": "Hunter x Hunter",
      "score": 8.0
    },
    {
      "anime": "Boku no hero academia(My Hero Academia)",
      "score": 8.0
    },
    {
      "anime": "Bleach",
      "score": 7.9
    },
    {
      "anime": "One Piece",
      "score": 8.6
    },
    {
      "anime": "Dragon Ball Z",
      "score": 7.0
    },
    {
      "anime": "Kimetsu no Yaiba Mugen Ressha-hen(Demon Slayer: Infinity Train)",
      "score": 10.0
    }
  ]
}

```

- **POST** /animes/rating/


Añade una valoracion a la lista publica de ratings, si hace falta estar identificado, por defecto toma el id del usuario .

Request body:




```
{
  "anime": "Dragon Ball",
  "score": 8.7
}
```

Respuesta: 200




```
{
  "message": "Added rating to anime 'Dragon Ball'"
}
```

Respuesta: 404



```
{
  "message": "The anime 'Dragon Ball' don't exist"
}
```

## Busquedas:

-  /search/

- GET /animés/search/

Busquedas por diferentes parametros: **name**, **year**, **genre**, **author**, **type**, se puede usar en solitario o combinarlas

### By name

- GET /animés/search/?name=dragon

Respuesta: 200

```
{
  "result": [
    {
      "animeid": "88bdc715-5751-48e4-b615-23053674f075",
      "name": "Dragon Ball",
      "type": "TV",
      "year_release": 1986,
      "imageurl": "https://cdn.myanimelist.net/images/anime/1887/923641.jpg",
      "description": "son Goku is a young boy who lives in the woods all alone-that is, until a girl named Bulma runs into him in her search for a set of magical objects called the \"Dragon Balls\". Since the artifacts are said to grant one wish to whoever collects all seven, Bulma hopes to gather them and wish for a perfect boyfriend. Gokuu happens to be in possession of a dragon ball, but unfortunately for Bulma, he refuses to part ways with it, so she makes him a deal: he can tag along on her journey if he lets her borrow the dragon balls power. ",
      "authors": [
        {
          "authorid": "c6745223-dac5-47cb-a2a1-289cb0bcfe35",
          "name": "Akira Toriyama",
          "imageurl": "https://www.babelio.com/users/AVT_Akira-Toriyama_8493.jpeg"
        }
      ],
      "genres": [
        {
          "genreid": "a96db622-8a41-4e25-8900-9d0fe09756ed",
          "label": "Martial arts"
        },
        {
          "genreid": "59b4a577-b9f2-439d-91db-19bf5a9e4eb7",
          "label": "Fantasy"
        },
        {
          "genreid": "efc24288-30a7-44c7-a743-43bc09ea1f5e",
          "label": "Adventure"
        }
      ]
    },
    {
      "animeid": "98c7061a-fa7e-4562-9bc0-434e60d82323",
      "name": "Dragon Ball Z",
      "type": "TV",
      "year_release": 1989,
      "imageurl": "https://cdn.myanimelist.net/images/anime/1180/936711.jpg",
      "description": "Five years after winning the World Martial Arts tournament, Goku is now living a peaceful life with his wife and son. This changes, however, with the arrival of a mysterious enemy named Raditz who presents himself as Goku long-lost brother. He reveals that Goku is a warrior from the once powerful but now virtually extinct Saiyan race, whose homeworld was completely annihilated. When he was sent to Earth as a baby, Goku sole purpose was to conquer and destroy the planet; but after suffering amnesia from a head injury, his violent and savage nature changed, and instead was raised as a kind and well-mannered boy, now fighting to protect others.",
      "authors": [
        {
          "authorid": "c6745223-dac5-47cb-a2a1-289cb0bcfe35",
          "name": "Akira Toriyama",
          "imageurl": "https://www.babelio.com/users/AVT_Akira-Toriyama_8493.jpeg"
        }
      ],
      "genres": [
        {
          "genreid": "a96db622-8a41-4e25-8900-9d0fe09756ed",
          "label": "Martial arts"
        },
        {
          "genreid": "59b4a577-b9f2-439d-91db-19bf5a9e4eb7",
          "label": "Fantasy"
        },
        {
          "genreid": "efc24288-30a7-44c7-a743-43bc09ea1f5e",
          "label": "Adventure"
        }
      ]
    }
  ]
}
```

### By Type and Year

- **GET** /animes/search?type=film&year=2020

Respuesta: 200

```

"result": [
  {
    "animeid": "bc3a3f90-7a3d-44d7-953b-dd771895d113",
    "name": "Kimetsu no Yaiba Mugen Ressha-hen(Demon Slayer: Infinity Train)",
    "type": "Film",
    "year_release": 2020,
    "imageurl": "https://cdn.myanimelist.net/images/anime/1065/118763l.jpg",
    "description": "Tanjiro Kamado, joined with Inosuke Hashibira, a boy raised by boars who wears a boars head, and Zenitsu Agatsuma, a scared boy who reveals his true power when he sleeps, board the Infinity Train on a new mission with the Flame Pillar, Kyojuro Rengoku, to defeat a demon who has been tormenting the people and killing the demon slayers who oppose it.",
    "authors": [
      {
        "authorid": "217daf9c-5da3-476e-95aa-3a5b766c89f3",
        "name": "Koyoharu Gotouge",
        "imageurl": "https://http2.mlstatic.com/D_NQ_NP_860867-MLA43808351691_102020-0.jpg"
      }
    ],
    "genres": [
      {
        "genreid": "efc24288-30a7-44c7-a743-43bc09ealf5e",
        "label": "Adventure"
      },
      {
        "genreid": "af28cef4-c436-4ec6-ae63-5cfc1faca4d3",
        "label": "Dark Fantasy"
      },
      {
        "genreid": "767d76bd-a42d-47c4-96d5-7b860156a0f4",
        "label": "Action"
      }
    ]
  }
]
}

```

## By Genre

- **GET** /animes/search/?genre=comedy

Respuesta: 200



```
"result": [
  {
    "animeid": "60613b10-ba56-42cc-9dea-1907ef3a7e3b",
    "name": "One Piece",
    "type": "TV",
    "year_release": 1999,
    "imageurl": "https://m.media-amazon.com/images
/M/MV5BODcwNWE3OTMtMDc3MS00NDFjLWE1OTAtNDU3NjgxODMxY2UyXkEyXkFqcGdeQXVyNTAyODkwOQ@@._V1_.jpg",
    "description": "The series focuses on Monkey D. Luffy, a young man made of rubber, whom, inspired by his childhood idol,
the powerful pirate Red Haired Shanks, sets off on a journey from the East Blue Sea to find the mythical treasure, the One Piece, and
proclaim himself the King of the Pirates. In an effort to organize his own crew, the Straw Hat Pirates, Luffy rescues and befriends a
pirate hunter and swordsman named Roronoa Zoro, and they head off in search of the titular treasure. They are joined in their journey
by Nami, a money-obsessed thief and navigator; Usopp, a sniper and compulsive liar; and Sanji, a perverted but chivalrous chef. They
acquire a ship, the Going Merry, and engage in confrontations with notorious pirates of the East Blue.",
    "authors": [
      {
        "authorid": "54c857d7-4e2a-4685-8a27-8b87e77bccf7",
        "name": "Eiichiro Oda",
        "imageurl": "https://www.babelio.com/users/AVT_Eiichiro-Oda_1708.jpeg"
      }
    ],
    "genres": [
      {
        "genreid": "767d76bd-a42d-47c4-96d5-7b860156a0f4",
        "label": "Action"
      },
      {
        "genreid": "efc24288-30a7-44c7-a743-43bc09ea1f5e",
        "label": "Adventure"
      },
      {
        "genreid": "59b4a577-b9f2-439d-91db-19bf5a9e4eb7",
        "label": "Fantasy"
      },
      {
        "genreid": "6c8c8cdc-4754-4e10-8b4c-dc4ba1fbd921",
        "label": "Comedy"
      }
    ]
  }
]
}
```

**By Author**

- GET /animes/search/?author=tite kubo

Respuesta: 200

```
{
  "result": [
    {
      "animeid": "a3d2f7db-7b6e-4049-b9a0-1d5309679e7a",
      "name": "Bleach",
      "type": "TV",
      "year_release": 2004,
      "imageurl": "https://cdn.myanimelist.net/images/anime/3/40451l.jpg",
      "description": "Bleach follows the adventures of the hotheaded teenager Ichigo Kurosaki, who inherits his parents destiny after he obtains the powers of a Soul Reaper—a death personification similar to the Grim Reaper—from another Soul Reaper, Rukia Kuchiki. His new-found powers force him to take on the duties of defending humans from evil spirits and guiding departed souls to the afterlife, and set him on journeys to various ghostly realms of existence.",
      "authors": [
        {
          "authorid": "b2208d98-d176-422a-864b-5b19768893da",
          "name": "Tite Kubo",
          "imageurl": "https://www.babelio.com/users/AVT_Tite-Kubo_486.jpeg"
        }
      ],
      "genres": [
        {
          "genreid": "767d76bd-a42d-47c4-96d5-7b860156a0f4",
          "label": "Action"
        },
        {
          "genreid": "efc24288-30a7-44c7-a743-43bc09ea1f5e",
          "label": "Adventure"
        },
        {
          "genreid": "1eeef0d0-7f23-4213-b328-704cb3ef49b9",
          "label": "Supernatural"
        }
      ]
    }
  ]
}
```