

## Challenge backend – NodeJs – Alkemy

### Registro y login

**POST** *./auth/register*

```
{
  "name": "Martín",
  "username": "aramayomartin",
  "password": "uno2tres4"
}
```

**POST** *./auth/login*

```
{
  "username": "aramayomartin",
  "password": "uno2tres4"
}
```

## CHARACTERS

**GET** *./characters*

Response

```
[
  {
    "id": 1,
    "name": "Aladin",
    "image": "https://img.europapress.es/fotoweb/fotonoticia_20171126142747_420.jpg",
    "age": 24,
    "weight": 60,
    "story": "Vive en Agrava con su mono Abu"
  }
]
```

## CRUD

### Create

**POST** *./characters/create*

```
{
  "image": "https://img.europapress.es/fotoweb/fotonoticia_20171126142747_420.jpg",
  "name": "Aladin",
  "age": "24",
  "weight": "60",
  "story": "Vive en Agrava con su mono Abu",
  "movies": [
    {
      "image": "https://es.web.img3.acsta.net/medias/nmedia/18/73/54/02/20415767.jpg",
      "title": "Aladdin",
      "create": "1992",
      "rating": 4
    },
    {
      "image": "https://es.web.img3.acsta.net/medias/nmedia/18/73/54/02/20415767.jpg",
      "title": "Aladdin y los 40 ladrones",
      "create": "1992",
      "rating": 3
    }
  ],
  "genresByMovie": {
    "Aladdin":
```

```
{
  "characters": [
    {
      "name": "Infantiles",
      "image": "-"
    },
    {
      "name": "Accion",
      "image": "-"
    }
  ],
  "Aladdin y los 40 ladrones": [
    {
      "name": "Infantiles",
      "image": "-"
    }
  ]
}
```

## Edicion

**PUT** *./characters/edit/:id*

Request

```
{
  "age": 19
}
```

## Eliminacion

**DELETE** *./characters/delete/:id*

## Detalle

**GET** *./character/:id*

```
{
  "id": 1,
  "name": "Aladin",
  "image": "https://img.europapress.es/fotoweb/fotonoticia_20171126142747_420.jpg",
  "age": 24,
  "weight": 60,
  "story": "Vive en Agrava con su mono Abu",
  "movies": [
    {
      "id": 1,
      "title": "Aladdin",
      "image": "https://es.web.img3.acsta.net/medias/nmedia/18/73/54/02/20415767.jpg",
      "rating": 4,
      "created": null,
      "Characters_Movies": {
        "createdAt": "2022-03-14T20:47:22.639Z",
        "updatedAt": "2022-03-14T20:47:22.639Z",
        "characterId": 1,
        "movieId": 1
      }
    },
    {
      "id": 2,
      "title": "Aladdin y los 40 ladrones",
      "image": "https://es.web.img3.acsta.net/medias/nmedia/18/73/54/02/20415767.jpg",
      "rating": 3,
      "created": null,
      "Characters_Movies": {
        "createdAt": "2022-03-14T20:47:22.656Z",
        "updatedAt": "2022-03-14T20:47:22.656Z",
        "characterId": 1,
        "movieId": 2
      }
    }
  ]
}
```

Busqueda y filtrado de personaje según edad o película

GET `./characters?name=name&age=age&idMovie=idMovie`

Response : Idem item anterior

## MOVIES

GET *./movies*

```
[
  {
    "id": 1,
    "title": "Aladdin",
    "image": "https://es.web.img3.acsta.net/medias/nmedia/18/73/54/02/20415767.jpg",
    "created": null,
    "rating": 4,
    "characters": [
      {
        "id": 1,
        "name": "Aladin",
        "story": "Vive en Agrabá con su mono Abu",
        "image": "https://img.europapress.es/fotoweb/fotonoticia_20171126142747_420.jpg",
        "weight": 60,
        "Characters_Movies": {
          "createdAt": "2022-03-14T20:47:22.639Z",
          "updatedAt": "2022-03-14T20:47:22.639Z",
          "characterId": 1,
          "movieId": 1
        }
      }
    ]
  },
]
```

```
{
  "id": 2,
  "title": "Aladdin y los 40 ladrones",
  "image": "https://es.web.img3.acsta.net/medias/nmedia/18/73/54/02/20415767.jpg",
  "created": null,
  "rating": 3,
  "characters": [
    {
      "id": 1,
      "name": "Aladin",
      "story": "Vive en Agrava con su mono Abu",
      "image": "https://img.europapress.es/fotoweb/fotonoticia_20171126142747_420.jpg",
      "weight": 60,
      "Characters_Movies": {
        "createdAt": "2022-03-14T20:47:22.656Z",
        "updatedAt": "2022-03-14T20:47:22.656Z",
        "characterId": 1,
        "movieId": 2
      }
    }
  ]
}
```

Busqueda y ordenamiento de películas según género, orden ascendente o descendente

**GET** `./movies?genreId=1&order=DESC`

```
[
  {
    "title": "Aladdin y los 40 ladrones",
    "image": "https://es.web.img3.acsta.net/medias/nmedia/18/73/54/02/20415767.jpg",
    "rating": 3,
    "characters": [
      {
        "id": 1,
        "name": "Aladin",
        "image": "https://img.europapress.es/fotoweb/fotonoticia_20171126142747_420.jpg",
        "age": 24,
        "weight": 60,
        "story": "Vive en Agrava con su mono Abu",
        "Characters_Movies": {
          "createdAt": "2022-03-14T20:47:22.656Z",
          "updatedAt": "2022-03-14T20:47:22.656Z",
          "characterId": 1,
          "movieId": 2
        }
      }
    ]
  }
],
```

DETALLE

## GET `./movies/:id`

```
{
  "id": 1,
  "title": "Aladdin",
  "image": "https://es.web.img3.acsta.net/medias/nmedia/18/73/54/02/20415767.jpg",
  "created": null,
  "rating": 4,
  "characters": [
    {
      "id": 1,
      "name": "Aladin",
      "image": "https://img.europapress.es/fotoweb/fotonoticia_20171126142747_420.jpg",
      "age": 24,
      "weight": 60,
      "story": "Vive en Agrabá con su mono Abu",
      "Characters_Movies": {
        "createdAt": "2022-03-14T20:47:22.639Z",
        "updatedAt": "2022-03-14T20:47:22.639Z",
        "characterId": 1,
        "movieId": 1
      }
    }
  ]
}
```

## CRUD

### CREATE

#### POST `./movies/create`

```
{
  "image": "https://assets.iprofesional.com/cdn-cgi/image/w=640/https://assets.iprofesional.com/assets/jpg/2021/02/512645.jpg",
  "title": "Monsters Inc",
  "created": "2005",
  "charactersByMovie": [{
    "name": "Mike Sullyvan",
    "image": "-",
    "age": 33,
    "weight": 240,
    "story": "El mejor asustador de todos los tiempos"
  },
  {
    "name": "Mike Wasowski",
    "image": "-",
    "age": 32,
    "weight": 90,
    "story": "Gran amigo y fiel compañero de Sully"
  }
  ],
  "genresByMovie": [{ "name": "Infantiles", "image": "-" }, { "name": "Suspense", "image": "-" } ]
}
```

## EDICION

**PUT** *./movies/edit/:id*

---

```
{  
  ... "created": "2006"  
}
```

## ELIMINACION

**DELETE** *./movies/delete/:id*