Ingestion

Document count

Sample document

PureInsights

Technical Test – Prove of functionalities.
Developer: Mónica Waterhouse Montoya

API

Endpoints

PureInsights

Technical Test – Prove of functionalities.
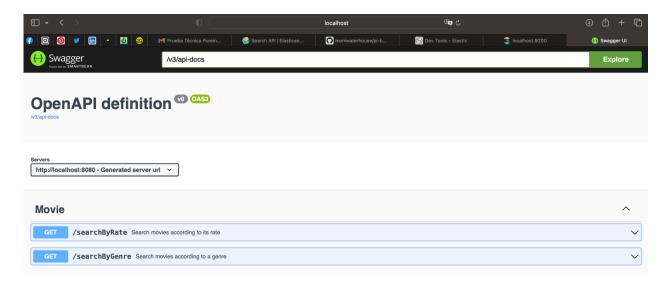Developer: Mónica Waterhouse Montoya

Examples of titles that match a provided genre

<u>Action</u>

Curl

```
curl -X 'GET' \
  'http://localhost:8080/searchByGenre?genre=Action' \
  -H 'accept: application/json'
```

Request URL

```
http://localhost:8080/searchByGenre?genre=Action
```

Server response

Code	Details
200	**Response body**

```
        {
          "alcohol": "Mild",
          "certificate": "PG-13",
          "date": 2021,
          "duration": "163 ",
          "episodes": "-",
          "frightening": "Moderate",
          "genre": "Action, Adventure, Thriller",
          "name": "No Time to Die",
          "nudity": "Mild",
          "profanity": "Mild",
          "rate": "7.6",
          "type": "Film",
          "violence": "Moderate",
          "votes": "107,163"
        },
        {
          "alcohol": "Mild",
          "certificate": "PG-13",
          "date": 2021,
          "duration": "97 ",
          "episodes": "-",
          "frightening": "Moderate",
          "genre": "Action, Adventure, Sci-Fi",
          "name": "Venom: Let There Be Carnage",
```

Curl

```
curl -X 'GET' \
  'http://localhost:8080/searchByGenre?genre=Action' \
  -H 'accept: application/json'
```

Request URL

```
http://localhost:8080/searchByGenre?genre=Action
```

Server response

Code	Details
200	**Response body**

```
          "frightening": "Moderate",
          "genre": "Action, Sci-Fi, Thriller",
          "name": "Death Race",
          "nudity": "Mild",
          "profanity": "Severe",
          "rate": "6.3",
          "type": "Film",
          "violence": "Severe",
          "votes": "203,578"
        }
      ],
      "pageable": "INSTANCE",
      "totalPages": 1,
      "totalElements": 1659,
      "last": true,
      "size": 1659,
      "number": 0,
      "sort": {
        "empty": true,
        "sorted": false,
        "unsorted": true
      },
      "numberOfElements": 1659,
      "first": true,
      "empty": false
```

The image on the left shows the first two documents of the search and the one in the right shows a part of the last document and the total of movies that has "Action" as one of its genres.

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Comedy

Curl

```
curl -X 'GET' \
  'http://localhost:8080/searchByGenre?genre=Comedy' \
  -H 'accept: application/json'
```

Request URL

```
http://localhost:8080/searchByGenre?genre=Comedy
```

Server response

Code	Details
200	

Response body

```
{
    "alcohol": "Mild",
    "certificate": "TV-MA",
    "date": 2021,
    "duration": "30 ",
    "episodes": "23",
    "frightening": "None",
    "genre": "Comedy, Drama, Sport",
    "name": "Ted Lasso",
    "nudity": "Mild",
    "profanity": "Severe",
    "rate": "8.8",
    "type": "Series",
    "violence": "None",
    "votes": "117,562"
},
{
    "alcohol": "None",
    "certificate": "PG-13",
    "date": 2021,
    "duration": "115 ",
    "episodes": "-",
    "frightening": "Mild",
    "genre": "Action, Adventure, Comedy",
    "name": "Free Guy",
```

Curl

```
curl -X 'GET' \
  'http://localhost:8080/searchByGenre?genre=Comedy' \
  -H 'accept: application/json'
```

Request URL

```
http://localhost:8080/searchByGenre?genre=Comedy
```

Server response

Code	Details
200	

Response body

```
    "duration": "100 ",
    "episodes": "-",
    "frightening": "None",
    "genre": "Comedy, Drama, Romance",
    "name": "Queen Bees",
    "nudity": "None",
    "profanity": "Mild",
    "rate": "6.0",
    "type": "Film",
    "violence": "None",
    "votes": "887"
    }
],
"pageable": "INSTANCE",
"totalPages": 1,
"totalElements": 1988,
"last": true,
"size": 1988,
"number": 0,
"sort": {
    "empty": true,
    "sorted": false,
    "unsorted": true
},
"numberOfElements": 1988,
```

The image on the left shows the first two documents of the search and the one in the right shows a part of the last document and the total of movies that has "Comedy" as one of its genres.

Fantasy

Curl

```
curl -X 'GET' \
  'http://localhost:8080/searchByGenre?genre=Fantasy' \
  -H 'accept: application/json'
```

Request URL

```
http://localhost:8080/searchByGenre?genre=Fantasy
```

Server response

Code	Details
200	

Response body

```
{
  "alcohol": "Mild",
  "certificate": "TV-MA",
  "date": 2021,
  "duration": "50 ",
  "episodes": "9",
  "frightening": "Severe",
  "genre": "Action, Fantasy, Mystery",
  "name": "Alice in Borderland",
  "nudity": "Moderate",
  "profanity": "Mild",
  "rate": "7.7",
  "type": "Series",
  "violence": "Severe",
  "votes": "33,151"
},
{
  "alcohol": "Mild",
  "certificate": "PG-13",
  "date": 2021,
  "duration": "132 ",
  "episodes": "-",
  "frightening": "Mild",
  "genre": "Action, Adventure, Fantasy",
  "name": "Shang-Chi and the Legend of the Ten Rings",
```

Curl

```
curl -X 'GET' \
  'http://localhost:8080/searchByGenre?genre=Fantasy' \
  -H 'accept: application/json'
```

Request URL

```
http://localhost:8080/searchByGenre?genre=Fantasy
```

Server response

Code	Details
200	

Response body

```
    "episodes": "22",
    "frightening": "Moderate",
    "genre": "Crime, Drama, Fantasy",
    "name": "Forever",
    "nudity": "None",
    "profanity": "Mild",
    "rate": "8.3",
    "type": "Series",
    "violence": "Moderate",
    "votes": "55,231"
  }
],
"pageable": "INSTANCE",
"totalPages": 1,
"totalElements": 574,
"last": true,
"size": 574,
"number": 0,
"sort": {
  "empty": true,
  "sorted": false,
  "unsorted": true
},
"numberOfElements": 574,
"first": true,
```

The image on the left shows the first two documents of the search and the one in the right shows a part of the last document and the total of movies that has "Fantasy" as one of its genres.

Examples of titles which rate is greater than a given rate.

Greater than 8.3 – The screenshot in the right bottom corner shows the number of titles which rate is greater than 8.3

```
Curl
curl -X 'GET' \
  'http://localhost:8080/searchByRate?floorRate=8.3' \
  -H 'accept: application/json'

Request URL
http://localhost:8080/searchByRate?floorRate=8.3

Server response

Code      Details

200
          Response body
          {
            "content": [
              {
                "alcohol": "Mild",
                "certificate": "TV-MA",
                "date": 2021,
                "duration": "30 ",
                "episodes": "23",
                "frightening": "None",
                "genre": "Comedy, Drama, Sport",
                "name": "Ted Lasso",
                "nudity": "Mild",
                "profanity": "Severe",
                "rate": "8.8",
                "type": "Series",
                "violence": "None",
                "votes": "117,562"
              },
              {
                "alcohol": "Severe",
                "certificate": "TV-MA",
                "date": 2021,
                "duration": "55 ",
                "episodes": "86",
                "frightening": "Severe",
```

```
Curl
curl -X 'GET' \
  'http://localhost:8080/searchByRate?floorRate=8.3' \
  -H 'accept: application/json'

Request URL
http://localhost:8080/searchByRate?floorRate=8.3

Server response

Code      Details

200
          Response body
                "genre": "Drama, Fantasy, Horror",
                "name": "Supernatural",
                "nudity": "Mild",
                "profanity": "Mild",
                "rate": "8.4",
                "type": "Series",
                "violence": "Moderate",
                "votes": "411,255"
              },
              {
                "alcohol": "Mild",
                "certificate": "TV-PG",
                "date": 2021,
                "duration": "58 ",
                "episodes": "52",
                "frightening": "Mild",
                "genre": "Drama, Romance",
                "name": "Downton Abbey",
                "nudity": "Mild",
                "profanity": "Mild",
                "rate": "8.7",
                "type": "Series",
                "violence": "Mild",
                "votes": "180,688"
              },
```

```
Curl
curl -X 'GET' \
  'http://localhost:8080/searchByRate?floorRate=8.3' \
  -H 'accept: application/json'

Request URL
http://localhost:8080/searchByRate?floorRate=8.3

Server response

Code      Details

200
          Response body
                "alcohol": "No Rate",
                "certificate": "None",
                "date": 2020,
                "duration": "124 ",
                "episodes": "-",
                "frightening": "No Rate",
                "genre": "Drama",
                "name": "Chal Mera Putt 2",
                "nudity": "No Rate",
                "profanity": "No Rate",
                "rate": "9.0",
                "type": "Film",
                "violence": "No Rate",
                "votes": "2,991"
              },
              {
                "alcohol": "No Rate",
                "certificate": "None",
                "date": 2016,
                "duration": "45 ",
                "episodes": "11",
                "frightening": "No Rate",
                "genre": "Adventure, Comedy, Reality-TV",
                "name": "Gordon, Gino & Fred's Road Trip",
                "nudity": "No Rate",
```

```
Curl
curl -X 'GET' \
  'http://localhost:8080/searchByRate?floorRate=8.3' \
  -H 'accept: application/json'

Request URL
http://localhost:8080/searchByRate?floorRate=8.3

Server response

Code      Details

200
          Response body
                "genre": "Biography",
                "name": "My Struggle",
                "nudity": "No Rate",
                "profanity": "No Rate",
                "rate": "8.7",
                "type": "Film",
                "violence": "No Rate",
                "votes": "74"
              }
            ],
            "pageable": "INSTANCE",
            "totalPages": 1,
            "totalElements": 380,
            "last": true,
            "size": 380,
            "number": 0,
            "sort": {
              "empty": true,
              "sorted": false,
              "unsorted": true
            },
            "numberOfElements": 380,
            "first": true,
            "empty": false
          }
```

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Greater than 9.0 – The screenshot in the right bottom corner shows the number of titles which rate is greater than 9.0

Curl
```
curl -X 'GET' \
  'http://localhost:8080/searchByRate?floorRate=9.0' \
  -H 'accept: application/json'
```

Request URL
```
http://localhost:8080/searchByRate?floorRate=9.0
```

Server response

Code	Details
200	Response body

```
        duration : 164 ,
        "episodes": "-",
        "frightening": "No Rate",
        "genre": "Biography, Crime, Drama",
        "name": "Sardar Udham",
        "nudity": "No Rate",
        "profanity": "No Rate",
        "rate": "9.2",
        "type": "Film",
        "violence": "No Rate",
        "votes": "8,649"
    },
    {
        "alcohol": "Mild",
        "certificate": "TV-14",
        "date": 2019,
        "duration": "180 ",
        "episodes": "295",
        "frightening": "Moderate",
        "genre": "Adventure, Fantasy",
        "name": "Critical Role",
        "nudity": "Mild",
        "profanity": "Moderate",
        "rate": "9.2",
        "type": "Series",
```
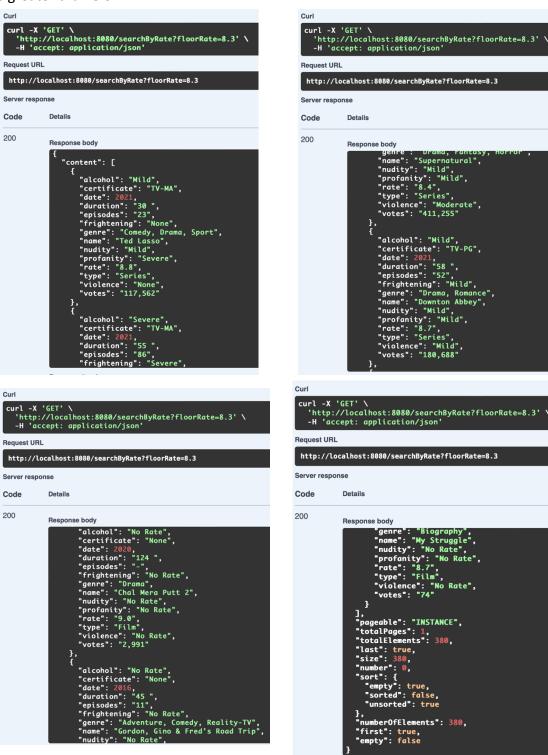
Curl
```
curl -X 'GET' \
  'http://localhost:8080/searchByRate?floorRate=9.0' \
  -H 'accept: application/json'
```

Request URL
```
http://localhost:8080/searchByRate?floorRate=9.0
```

Server response

Code	Details
200	Response body

```
        "genre": "Crime, Drama, Mystery",
        "name": "Sherlock",
        "nudity": "Mild",
        "profanity": "Mild",
        "rate": "9.1",
        "type": "Series",
        "violence": "Moderate",
        "votes": "853,642"
    },
    {
        "alcohol": "None",
        "certificate": "TV-Y7-FV",
        "date": 1974,
        "duration": "23 ",
        "episodes": "62",
        "frightening": "Moderate",
        "genre": "Animation, Action, Adventure",
        "name": "Avatar: The Last Airbender",
        "nudity": "None",
        "profanity": "None",
        "rate": "9.3",
        "type": "Series",
        "violence": "Mild",
        "votes": "273,781"
    },
```

Curl
```
curl -X 'GET' \
  'http://localhost:8080/searchByRate?floorRate=9.0' \
  -H 'accept: application/json'
```

Request URL
```
http://localhost:8080/searchByRate?floorRate=9.0
```

Server response

Code	Details
200	Response body

```
        "frightening": "Severe",
        "genre": "Crime, Drama",
        "name": "The Sopranos",
        "nudity": "Severe",
        "profanity": "Severe",
        "rate": "9.2",
        "type": "Series",
        "violence": "Severe",
        "votes": "340,006"
    },
    {
        "alcohol": "Moderate",
        "certificate": "TV-MA",
        "date": 2021,
        "duration": "57 ",
        "episodes": "73",
        "frightening": "Severe",
        "genre": "Action, Adventure, Drama",
        "name": "Game of Thrones",
        "nudity": "Severe",
        "profanity": "Severe",
        "rate": "9.2",
        "type": "Series",
        "violence": "Severe",
        "votes": "1,885,776"
```

Curl
```
curl -X 'GET' \
  'http://localhost:8080/searchByRate?floorRate=9.0' \
  -H 'accept: application/json'
```

Request URL
```
http://localhost:8080/searchByRate?floorRate=9.0
```

Server response

Code	Details
200	Response body

```
        "frightening": "Moderate",
        "genre": "Adventure, Fantasy",
        "name": "Critical Role",
        "nudity": "Mild",
        "profanity": "Moderate",
        "rate": "9.2",
        "type": "Series",
        "violence": "Mild",
        "votes": "7,872"
    }
    ],
    "pageable": "INSTANCE",
    "totalPages": 1,
    "totalElements": 21,
    "last": true,
    "size": 21,
    "number": 0,
    "sort": {
        "empty": true,
        "sorted": false,
        "unsorted": true
    },
    "numberOfElements": 21,
    "first": true,
    "empty": false
```

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Greater than 9.6

Curl

```
curl -X 'GET' \
  'http://localhost:8080/searchByRate?floorRate=9.6' \
  -H 'accept: application/json'
```

Request URL

```
http://localhost:8080/searchByRate?floorRate=9.6
```
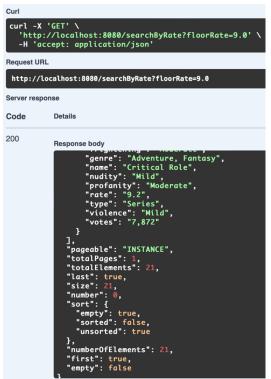
Server response

Code	Details
200	**Response body**

```
{
  "content": [
    {
      "alcohol": "No Rate",
      "certificate": "None",
      "date": 2004,
      "duration": "45 ",
      "episodes": "5",
      "frightening": "No Rate",
      "genre": "Drama",
      "name": "Aspirants",
      "nudity": "No Rate",
      "profanity": "No Rate",
      "rate": "9.7",
      "type": "Series",
      "violence": "No Rate",
      "votes": "286,206"
    }
  ],
  "pageable": "INSTANCE",
  "totalPages": 1,
  "totalElements": 1,
  "last": true,
  "size": 1,
  "number": 0
```

Greater than 9.7

Curl

```
curl -X 'GET' \
  'http://localhost:8080/searchByRate?floorRate=9.7' \
  -H 'accept: application/json'
```

Request URL

```
http://localhost:8080/searchByRate?floorRate=9.7
```

Server response

Code	Details
200	**Response body**

```
{
  "content": [],
  "pageable": "INSTANCE",
  "totalPages": 1,
  "totalElements": 0,
  "last": true,
  "size": 0,
  "number": 0,
  "sort": {
    "empty": true,
    "sorted": false,
    "unsorted": true
  },
  "numberOfElements": 0,
  "first": true,
  "empty": true
}
```