**CALYPSO REST API**

## Methods

## Login

Authenticate the user with the system and obtain a JSON Web Token (auth\_key).

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **POST** | users/login |

|  |  |  |  |
| --- | --- | --- | --- |
| **Type** | **Parameters** | **Format** | **Required** |
| BODY  BODY | username  password | string  string | yes  yes |

## Response

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 OK |
| 400  Bad request | {"error":"Please provide username"} |
| 400  Bad request | {"error":"Please provide password"} |
| 401  Unauthorized | {"error":"Incorrect username or password"} |
| 500 Internal server error | {"error":"Something went wrong. Please try again later"} |

## Get specific movie

Get the movie’s information. Same for the series and quizzes.

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | /movies/{movie\_id} |

|  |  |  |  |
| --- | --- | --- | --- |
| **Type** | **Parameters** | **Format** | **Required** |
| BODY | Movie\_id | Int | yes |

**movie\_id**

Unique identifier of the movie.

## Response

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 OK | **Response will be an object containing the movie information.** |
| 404 Not Found | {"error":" Page not found"} |
| 500 Internal server error | {"error":"Something went wrong. Please try again later"} |

## Get movies

Get the movies array.

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | /movies?page=pageNB&tipo={tipo\_id}&ano={year} |

|  |  |  |  |
| --- | --- | --- | --- |
| **Type** | **Parameters** | **Format** | **Required** |
| BODY | pageNB | Int | yes |
| BODY | tipo\_id | String | no |
| Body | Year | Int | no |

**PageNB**

Identifier of the wanted page.

**Tipo\_id**

Unique identifier of the type of movie/serie/quizz.

**year**

Identifier of the year of the movie/serie/quizz

## Response

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 OK | **Response will be an object containing the selected amount of movies (array) as well as the updated recipe database.** |
| 404 Not Found | {"error":" Page not found"} |
| 500 Internal server error | {"error":"Something went wrong. Please try again later"} |

## Add/Remove to favorites

Add movies or series.

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **PUT/DELETE** | /users/{user\_id}/movies/{movie\_id} |

|  |  |  |  |
| --- | --- | --- | --- |
| **Type** | **Parameters** | **Format** | **Required** |
| HEAD | Auth\_key | string | yes |
| BODY | user\_id | String | yes |
| BODY | Movie\_id | String | no |

**auth\_key**

The auth\_key that was given in response to users/login

**user\_id**

Unique identifier of the user.

**movie\_id**

Unique identifier of the movie.

## Response

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 OK | **Response will be an object containing the selected amount of movies (array) as well as the updated recipe database.** |
| 404 Not Found | {"error":" Page not found"} |
| 500 Internal server error | {"error":"Something went wrong. Please try again later"} |

## Add comments

Add comments

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **POST** | /movies/{movie\_id}/users/{user\_id}/comments |

|  |  |  |  |
| --- | --- | --- | --- |
| **Type** | **Parameters** | **Format** | **Required** |
| HEAD | Auth\_key | string | yes |
| BODY | Movie\_id | String | no |
| BODY | User\_id | Sting | yes |

**auth\_key**

The auth\_key that was given in response to users/login

**movie\_id**

Unique identifier of the movie.

**user\_id**

Unique identifier of the user.

## Response

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 OK | **Response will be an object containing the selected amount of movies (array) as well as the updated recipe database.** |
| 400 Bad request | {"error":" Please write a comment"} |
| 404 Not Found | {"error":" Page not found"} |
| 500 Internal server error | {"error":"Something went wrong. Please try again later"} |

## Add ratings

Add comments

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **POST** | /movies/{movie\_id}/users/{user\_id}/rating |

|  |  |  |  |
| --- | --- | --- | --- |
| **Type** | **Parameters** | **Format** | **Required** |
| HEAD | Auth\_key | string | yes |
| BODY | Movie\_id | String | no |

**auth\_key**

The auth\_key that was given in response to users/login

**movie\_id**

Unique identifier of the movie.

**user\_id**

Unique identifier of the user.

## Response

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 OK | **Response will be an object containing the selected amount of movies (array) as well as the updated recipe database.** |
| 400 Bad request | {"error":" Please set a rating"} |
| 404 Not Found | {"error":" Page not found"} |
| 500 Internal server error | {"error":"Something went wrong. Please try again later"} |

## Get points and set quizz state

Get points for a quizz and set the quizz as realized

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **PUT** | /users/{user\_id}/quizzes/{quizz\_id} |

|  |  |  |  |
| --- | --- | --- | --- |
| **Type** | **Parameters** | **Format** | **Required** |
| HEAD | Auth\_key | string | yes |
| BODY | user\_id | String | yes |
| BODY | Quizz\_id | String | yes |

**auth\_key**

The auth\_key that was given in response to users/login

**user\_id**

Unique identifier of the user.

## Response

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 OK | **Response will be an object containing the selected amount of movies (array) as well as the updated recipe database.** |
| 500 Internal server error | {"error":"Something went wrong. Please try again later"} |

## Get quizzes that are already done

Know if a quizz has been done or not

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | /users/{user\_id}/quizzes |

|  |  |  |  |
| --- | --- | --- | --- |
| **Type** | **Parameters** | **Format** | **Required** |
| HEAD | Auth\_key | string | yes |
| BODY | user\_id | String | no |

**auth\_key**

The auth\_key that was given in response to users/login

**user\_id**

Unique identifier of the user.

## Response

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 OK | **Response will be an object containing the selected amount of movies (array) as well as the updated recipe database.** |
| 500 Internal server error | {"error":"Something went wrong. Please try again later"} |

## Get quizz state

Know if a quizz has been done or not

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **PUT** | /users/{user\_id}/quizzes/{quizz\_id} |

|  |  |  |  |
| --- | --- | --- | --- |
| **Type** | **Parameters** | **Format** | **Required** |
| HEAD | Auth\_key | string | yes |
| BODY | user\_id | String | no |

**auth\_key**

The auth\_key that was given in response to users/login

**user\_id**

Unique identifier of the user.

## Response

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 OK | **Response will be an object containing the selected amount of movies (array) as well as the updated recipe database.** |
| 500 Internal server error | {"error":"Something went wrong. Please try again later"} |

## Get user info

## Get all the user’s information

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | /users/{user\_id} |

|  |  |  |  |
| --- | --- | --- | --- |
| **Type** | **Parameters** | **Format** | **Required** |
| HEAD | Auth\_key | string | yes |
| BODY | user\_id | String | no |

**auth\_key**

The auth\_key that was given in response to users/login

**user\_id**

Unique identifier of the user.

## Response

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 OK | **Response will be an object containing the selected amount of movies (array) as well as the updated recipe database.** |
| 500 Internal server error | {"error":"Something went wrong. Please try again later"} |

## Get ranking

## Get ranking info

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | /users?page=pageNb&pageSize=sizeNb |

|  |  |  |  |
| --- | --- | --- | --- |
| **Type** | **Parameters** | **Format** | **Required** |
| HEAD | Auth\_key | string | yes |
| BODY | user\_id | String | no |

**auth\_key**

The auth\_key that was given in response to users/login

**pageNb**

Unique identifier of the user.

**sizeNb**

Unique identifier of the user.

## Response

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 OK | **Response will be an object containing the selected amount of movies (array) as well as the updated recipe database.** |
| 500 Internal server error | {"error":"Something went wrong. Please try again later"} |

## Get all users

## Get users based on normal, advanced or admin type.

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | /users?type={tipo\_id} |

|  |  |  |  |
| --- | --- | --- | --- |
| **Type** | **Parameters** | **Format** | **Required** |
| HEAD | Auth\_key | string | yes |
| BODY | user\_id | String | no |

**auth\_key**

The auth\_key as an admin that was given in response to users/login

**user\_id**

Unique identifier of the user.

## Response

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 OK | **Response will be an object containing the selected amount of movies (array) as well as the updated recipe database.** |
| 500 Internal server error | {"error":"Something went wrong. Please try again later"} |

## Get personnal information

## Get users based on normal, advanced or admin type.

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | /users/{user\_id} |

|  |  |  |  |
| --- | --- | --- | --- |
| **Type** | **Parameters** | **Format** | **Required** |
| HEAD | Auth\_key | string | yes |
| BODY | user\_id | String | no |

**auth\_key**

The auth\_key as an admin that was given in response to users/login

**user\_id**

Unique identifier of the user.

## Response

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 OK | **Response will be an object containing the selected amount of movies (array) as well as the updated recipe database.** |
| 500 Internal server error | {"error":"Something went wrong. Please try again later"} |

## Change personal information.

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **PATCH** | /users/{user\_id} |

|  |  |  |  |
| --- | --- | --- | --- |
| **Type** | **Parameters** | **Format** | **Required** |
| HEAD | Auth\_key | string | yes |
| BODY | user\_id | String | yes |

**auth\_key**

The auth\_key as an admin that was given in response to users/login

**user\_id**

Unique identifier of the user.

## Response

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 OK | **Response will be an object containing the selected amount of movies (array) as well as the updated recipe database.** |
| 500 Internal server error | {"error":"Something went wrong. Please try again later"} |

## create movies quizzes or series.

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **PUT** | /users?type=admin/movies |

|  |  |  |  |
| --- | --- | --- | --- |
| **Type** | **Parameters** | **Format** | **Required** |
| HEAD | Auth\_key | string | yes |
| BODY | user\_id | String | yes |

**auth\_key**

The auth\_key as an admin that was given in response to users/login

**user\_id**

Unique identifier of the user.

## Response

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 OK | **Response will be an object containing the selected amount of movies (array) as well as the updated recipe database.** |
| 400 Bad request | {"error":"lack information"} |
| 500 Internal server error | {"error":"Something went wrong. Please try again later"} |

## create movies quizzes or series.

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **PUT** | /users?type=admin/movies |

|  |  |  |  |
| --- | --- | --- | --- |
| **Type** | **Parameters** | **Format** | **Required** |
| HEAD | Auth\_key | string | yes |
| BODY | user\_id | String | yes |

**auth\_key**

The auth\_key as an admin that was given in response to users/login

**user\_id**

Unique identifier of the user.

## Response

|  |  |
| --- | --- |
| **Status** | **Response** |
| 200 OK | **Response will be an object containing the selected amount of movies (array) as well as the updated recipe database.** |
| 400 Bad request | {"error":"lack information"} |
| 500 Internal server error | {"error":"Something went wrong. Please try again later"} |

## Delete a account or else

Get the recipes that were deleted from the web interface, so that they can be deleted from the internal database also.

## Request

|  |  |
| --- | --- |
| **Method** | **URL** |
| **DELETE** | /perfil/?user=userid&tipo=admin/[category to delete]/{\_id} |

|  |  |  |  |
| --- | --- | --- | --- |
| **Type** | **Parameters** | **Format** | **Required** |
| HEAD  PATH | auth\_key  \_id | string  integer | yes  yes |

**auth\_key**

The auth\_key that was given in response to /api/login

**\_id**

Unique identifier of the object to delete.

## Response

|  |  |
| --- | --- |
| **Status** | **Response** |
| 204  NO CONTENT | **The recipe was found and successfully deleted.**  No data is retrieved. |
| 401 Unauthorized | {"error":" You must be authenticated to perform this request"} |
| 404  Not found | {"error":" The recipe with ID xxxx does not exist"} |
| 500 Internal server error | {"error":"Something went wrong. Please try again later"} |