IMDB API Specification

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# Scope:

Scope of this document is to capture all of the REST API’s for the IMDB application. The API’s can also be consumed by different clients as web / mobile / any application.

# API:

## Create Movie

API for creating movie based on access level.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **URL** | 1.0/movie/create | | | | |
| **Method** | POST | | | | |
| **Headers** | "Authorization":<username> | | | | |
| **param** | | **Sample Value** | **Datatype** | |
| <username> | | admin | String | |
| **Body** | {  "popularity":<popularity >,  "director":<director>,  "imdb\_score":< imdb\_score >,  "movie\_name":<movie\_name >  } | | | | |
| **Parameter** | Param | | Sample value | Data Type | |
| popularity | | 95 | Float | |
| director | | Prakash Jha | Sring | |
| imdb\_score | | 9.5 | Float | |
| movie\_name | | GangaJal | String | |
| **Response (code)** | **Content** | | | | |
| **Success (200)** | 'Newly Movie Created' | | | | |
| **Failure(401)** | {  "message":<error\_message>  } | | | | |
| **Key** | **Sample Value** | | | **Datatype** |
| message | 'Error creating movie'  OR  ‘Unauthorized: The request requires user authentication.’ | | | String |

## 

## Get movies

API for getting the list of movies which include the list genre for the movie.

|  |  |  |  |
| --- | --- | --- | --- |
| **URL** | 1.0/movies | | |
| **Method** | Get | | |
| **Response (code)** | **Content** | | |
| **Success (200)** | [  {  "movie\_id":< movie\_id >,  "popularity":<popularity >,  "director":<director>,  "genre": [<>,<>,<>, ...],  "imdb\_score":< imdb\_score >,  "movie\_name":<movie\_name >  },  {  "movie\_id":< movie\_id >,  "popularity":<popularity >,  "director":<director>,  "genre": [<>,<>,<>, ...],  "imdb\_score":< imdb\_score >,  "movie\_name":<movie\_name >  },  ........  ........  ] | | |
| **Failure(401)** | {  "message":<error\_message>  } | | |
| **Key** | **Sample Value** | **Datatype** |
| Message | 'No movies found' | String |

## Edit Movie

API for editing / updating movie based on access level.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **URL** | 1.0/movie/edit | | | | |
| **Method** | PUT | | | | |
| **Headers** | "Authorization":<username> | | | | |
| **Param** | | **Sample Value** | **Datatype** | |
| <username> | | admin | String | |
| **Body** | {  "movie\_id":< movie\_id >,  "popularity":<popularity >,  "director":<director>,  "imdb\_score":< imdb\_score >,  "movie\_name":<movie\_name >  } | | | | |
| **Parameter** | Param | | Sample value | Data Type | |
| movie\_id | | 1 | Integer | |
| Popularity | | 75 | Float | |
| Director | | Prakash Jha | Sring | |
| imdb\_score | | 7.5 | Float | |
| movie\_name | | Aarakshan | String | |
| **Response (code)** | **Content** | | | | |
| **Success (200)** | {"movie\_id": <movie\_id>} | | | | |
| **Failure(401)** | {  "message":<error\_message>  } | | | | |
| **Key** | **Sample Value** | | | **Datatype** |
| message | "Error while updating movie"  OR  ‘Unauthorized: The request requires user authentication.’ | | | String |

## Delete Movie

API for editing / updating movie on access level.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **URL** | 1.0/movie/edit | | | | |
| **Method** | Delete | | | | |
| **Headers** | "Authorization":<username> | | | | |
| **Param** | | **Sample Value** | **Datatype** | |
| <username> | | admin | String | |
| **Body** | {"movie\_id":< movie\_id >} | | | | |
| **Parameter** | Param | | Sample value | Data Type | |
| movie\_id | | 1 | Integer | |
| **Response (code)** | **Content** | | | | |
| **Success (200)** | 'Movie is deleted' | | | | |
| **Failure(401)** | {  "message":<error\_message>  } | | | | |
| **Key** | **Sample Value** | | | **Datatype** |
| message | 'Error while deleting movie'  OR  ‘Unauthorized: The request requires user authentication.’ | | | String |