

IMDB API Specification

Contents

Scope:.....	1
API:	1
Create Movie.....	1
Get movies	2
Edit Movie	4
Delete Movie.....	5

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 >, }		

	<pre>"movie_name":<movie_name > }</pre>		
Parameter	Param	Sample value	Data Type
	popularity	95	Float
	director	Prakash Jha	String
	imdb_score	9.5	Float
	movie_name	GangaJal	String
Response (code)	Content		
Success (200)	'Newly Movie Created'		
Failure(401)	<pre>{ "message":<error_message> }</pre>		
	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)	<pre>[{ "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 > }, ]</pre>		
Failure(401)	<pre>{ "message":<error_message> }</pre>		
	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	String
	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)	{		

	<pre>"message":<error_message> }</pre>		
	Key	Sample Value	Datatype
	message	'Error while deleting movie' OR 'Unauthorized: The request requires user authentication.'	String