API Requests on TITLE Table

1. View All Titles: **GET** <http://localhost:8080/MovieFlix/api/titles/>
2. Find a particular title: **GET** <http://localhost:8080/MovieFlix/api/titles/titleID>
3. Create new Title: **POST** <http://localhost:8080/MovieFlix/api/titles/>

Example: {

"Title": "Forrest Gump",

"Year": "1994",

"Rated": "PG-13",

"Released": "06 Jul 1994",

"Runtime": "142 min",

"Genre": "Drama, Romance",

"Director": "Robert Zemeckis",

"Writer": "Winston Groom (novel), Eric Roth (screenplay)",

"Actors": "Tom Hanks, Rebecca Williams, Sally Field, Michael Conner Humphreys",

"Plot": "Forrest Gump, while not intelligent, has accidentally been present at many historic moments, but his true love, Jenny Curran, eludes him.",

"Language": "English",

"Country": "USA",

"Awards": "Won 6 Oscars. Another 37 wins & 51 nominations.",

"Poster": "http://ia.media-imdb.com/images/M/MV5BMTI1Nzk1MzQwMV5BMl5BanBnXkFtZTYwODkxOTA5.\_V1\_SX300.jpg",

"Metascore": "82",

"imdbRating": "8.8",

"imdbVotes": "1,167,104",

"imdbID": "tt0109830",

"Type": "movie"

}

1. Update a title: **PUT** <http://localhost:8080/MovieFlix/api/titles/titleID>
2. Delete a title: **DELETE** <http://localhost:8080/MovieFlix/api/titles/titleID>
3. Comment on a title: **POST** <http://localhost:8080/MovieFlix/api/titles/postComment>

{

"imdbID": "titleID",

"Comments": "comment"

}

1. Get all Comments on a title: **GET** <http://localhost:8080/MovieFlix/api/titles/titleID/viewComments>
2. Rate a title: **POST** <http://localhost:8080/MovieFlix/api/titles/postRating>

{

"imdbID": "titleID",

"Rating": "rating between 1 and 5"

}

1. Get average user rating on a title: **GET** [http://localhost:8080/MovieFlix/api/titles/titleID /viewRating](http://localhost:8080/MovieFlix/api/titles/titleID%20/viewRating)
2. View a title on IMDB: **GET** [http://localhost:8080/MovieFlix/api/titles/titleID /viewOnImdb](http://localhost:8080/MovieFlix/api/titles/titleID%20/viewOnImdb)
3. View details about the title: **GET** [http://localhost:8080/MovieFlix/api/titles/titleID /getDetails](http://localhost:8080/MovieFlix/api/titles/titleID%20/getDetails)
4. Search for title: **GET** [http://localhost:8080/MovieFlix/api/titles/search=freeText](http://localhost:8080/MovieFlix/api/titles/search=bad)
5. View top rated movies and TV series: **GET** <http://localhost:8080/MovieFlix/api/titles/topmovie> or <http://localhost:8080/MovieFlix/api/titles/topseries>
6. Filter title by Year: **GET** <http://localhost:8080/MovieFlix/api/titles/filter/year>=??
7. Filter title by Genre: **GET** <http://localhost:8080/MovieFlix/api/titles/filter/genre>=??
8. Filter title by Type: **GET** <http://localhost:8080/MovieFlix/api/titles/filter/type>=??
9. Sort by ImdbVotes: **GET** <http://localhost:8080/MovieFlix/api/titles/sortbyvotes>
10. Sort by Year: **GET** <http://localhost:8080/MovieFlix/api/titles/sortbyyear>
11. Sort by ImdbRating: **GET** <http://localhost:8080/MovieFlix/api/titles/sortbyrating>

API Requests on Users

1. View All Users: **GET** [http://localhost:8080/MovieFlix/api/users/](http://localhost:8080/MovieFlix/api/titles/)
2. Find a particular user: **GET** <http://localhost:8080/MovieFlix/api/users/userID>
3. Create new User: **POST** <http://localhost:8080/MovieFlix/api/users/>
4. Update a title: **PUT** <http://localhost:8080/MovieFlix/api/users/userID>
5. Delete a title: **DELETE** <http://localhost:8080/MovieFlix/api/users/userID>

**NOTE: Authentication of users is yet to be implemented. All requests on Title table will process without any checking of null data.**