# **Movies Assessment API**

**Project Specification :**

**Java - jdk-11.0.2**

**Mysql - 8.0**

**Spring-boot - 2.3.0**

**Junit - 4.12**

# **1.Create Movies**

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|  |  |
| --- | --- |
| **Service Name** | save |
| **Request Type** | POST |
| **Service URL** | http://localhost:8080/movies |
| **Description:** | In this service we can create the movie's details.. |
| **Request Body:** | {  "title": "Joker",  "category": "Drama Films",  "starRating": 4.5  } |
| **Response:** | |
| {  "body": {  "success": true,  "data": 10  },  "statusCode": 200  } | |

# 

# **2.Update Movies**

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|  |  |
| --- | --- |
| **Service Name** | save |
| **Request Type** | PUT |
| **Service URL** | http://localhost:8080/movies |
| **Description** | In this service we can update the movie's details.And we maintain chainId and update the archived flag of old record and create a new entry into the database. |
| **Request Body:** | {  "id":4,  "title": "Rajnew4",  "category": "Comdy4",  "starRating": 4.5  } |
|  | |
| {  "body": {  "success": true,  "data": 9  },  "statusCode": 200  } | |

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# **3.Movies Find By ID**

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| --- | --- |
| **Service Name** | findById |
| **Request Type** | GET |
| **Service URL** | http://localhost:8080/movies/11 |
| **Description** | In this service we can get the movies data by movieId |
| **Response:** | |
| {  "body": {  "success": true,  "data": {  "id": 11,  "title": "Joker",  "category": "Historical Films",  "starRating": 4.0  }  },  "statusCode": 200  } | |

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# **4.Movies List**

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| --- | --- |
| **Service Name** | find |
| **Request Type** | GET |
| **Service URL** | http://localhost:8080/movies?page=0&size=5&sort=title,desc |
| **Description:** | This service returns a list of movies which is not archived. And in this service we can apply searching, sorting, and pagination. **Search Parameter:**  1.) SearchText  **Sorting parameters** :  For title :page=0&size=5&sort=title,desc |
| **Response:**{  "body": {  "totalCount": 7,  "success": true,  "data": [  {  "id": 8,  "title": "Rajnew7",  "category": "Comdy7",  "starRating": 5.0  },  {  "id": 9,  "title": "Rajnew4",  "category": "Comdy4",  "starRating": 4.0  },  {  "id": 7,  "title": "Rajnew2",  "category": "Comdy2",  "starRating": 3.0  },  {  "id": 5,  "title": "Rajnew",  "category": "Comdy",  "starRating": 3.0  },  {  "id": 10,  "title": "Joker",  "category": "Drama Films",  "starRating": 4.0  }  ]  },  "statusCode": 200  } | |

# **5.Delete Movies By ID**

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|  |  |
| --- | --- |
| **Service Name** | deleteById |
| **Request Type** | DELETE |
| **Service URL** | http://localhost:8080/movies/1 |
| **Description** | In this service we can get the movies data by movieId |
| **Response:** | |
| {  "body": {  "success": true  },  "statusCode": 200  } | |

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