|  |  |  |  |
| --- | --- | --- | --- |
| |  | | --- | | **POST** | | /actors | |
|  | Add a new actor record to the database | |
|  | | |
| **Parameters** | | |
| Name | Type | Description |
| object | body | Example Value:   |  | | --- | | **{**  **"first\_name": 782,**  **"last\_name”: 2**  **}** | |
|  | | |
| **Responses** | Content Type: application.json | |
| Code | Description | |
| 201 | Record was updated successfully  Example Value:   |  | | --- | | **{**  **"message": “Actor inserted at 205”**  **}** | | |
| 400 | Missing information from body object.  Example Value:   |  | | --- | | **{ "message": "missing data" }** | | |
| 401 | Invalid information from body object.  Example Value:   |  | | --- | | **{auth: false, message: "Insufficient privileges"}** | | |
| 500 | Example Value:   |  | | --- | | **{ "message": "Internal server err" }** | | |

|  |  |  |  |
| --- | --- | --- | --- |
| |  | | --- | | **GET** | | /film\_categories/:category\_id/films | |
|  | Gets films under a film category | |
|  | | |
| **Parameters** | | |
| Name | Type | Description |
| category\_id | param | Example Value:   |  | | --- | | /film\_categories/6/films | |
| offset | query | Example Value:   |  | | --- | | /film\_categories/66/films?offset=10 | |
|  | | |
| **Responses** | Content Type: application.json | |
| Code | Description | |
| 200 | Example Value:   |  | | --- | | **[**  **{**  **"film\_id": "150",**  **"title": "CIDER DESIRE",**  **"description": "A Stunning Character Study of a Composer And a Mad Cow who must Succumb a Cat in Soviet Georgia",**  **"category": "Documentary",**  **"rating": "PG",**  **"release\_year": "2006",**  **"duration": "101"**  **},**  **……**  **]** | | |
| 500 | Example Value:   |  | | --- | | **{ "message": "Internal server err" }** | | |

|  |  |  |  |
| --- | --- | --- | --- |
| |  | | --- | | **GET** | | /randomFilm | |
|  | Gets a random films | |
|  | | |
| **Parameters** | | |
| Name | Type | Description |
| none |  |  |
|  | | |
| **Responses** | Content Type: application.json | |
| Code | Description | |
| 200 | Example Value:   |  | | --- | | **[**  **{**  **"film\_id": "781",**  **"title": "SEVEN SWARM",**  **"description": "A Unbelieveable Character Study of a Dog And a Mad Cow who must Kill a Monkey in Berlin",**  **"release\_year": "2006"**  **}**  **]** | | |
| 500 | Example Value:   |  | | --- | | **{ "message": "Internal server err" }** | | |

|  |  |  |  |
| --- | --- | --- | --- |
| |  | | --- | | **GET** | | /search\_films | |
|  | Search for a film | |
|  | | |
| **Parameters** | | |
| Name | Type | Description |
| title | query | Example Value:   |  | | --- | | /search\_films?title=dinosaur | |
| category | query | Example Value:   |  | | --- | | /search\_films?title=dinosaur&category=Classic | |
| maxPrice | query | Example Value:   |  | | --- | | /search\_films?title=dinosaur&category=Classic&maxPrice=1 | |
| offset | query | Example Value:   |  | | --- | | /search\_films?title=dinosaur&category=Classic&maxPrice=1&offset=30 | |
|  | | |
| **Responses** | Content Type: application.json | |
| Code | Description | |
| 200 | Example Value:   |  | | --- | | **[**  **{**  **"film\_id": "1",**  **"title": "ACADEMY DINOSAUR",**  **"description": "A Epic Drama of a Feminist And a Mad Scientist who must Battle a Teacher in The Canadian Rockies",**  **"release\_year": "2006",**  **"language\_id": "1",**  **"original\_language\_id": "null",**  **"rental\_duration": "6",**  **"rental\_rate": "0.99",**  **"length": "86",**  **"replacement\_cost": "20.99",**  **"rating": "PG",**  **"special\_features": "Deleted Scenes,Behind the Scenes",**  **"last\_update": "2006-02-15 04:46:27",**  **"category\_id": "6",**  **"category": "Documentary"**  **},**  **……**  **]** | | |
| 500 | Example Value:   |  | | --- | | **{ "message": "Internal server err" }** | | |
| 400 | Example Value:   |  | | --- | | **{**  **"errors": [**  **{**  **"location": "body",**  **"msg": "Invalid value",**  **"param": "username"**  **}**  **]**  **}** | | |

|  |  |  |  |
| --- | --- | --- | --- |
| |  | | --- | | **GET** | | /categoryNames | |
|  | Gets all category names | |
|  | | |
| **Parameters** | | |
| Name | Type | Description |
| none |  |  |
|  | | |
| **Responses** | Content Type: application.json | |
| Code | Description | |
| 200 | Example Value:   |  | | --- | | **[**  **{**  **"category": "Action"**  **},**  **{**  **"category": "Animation"**  **},**  **{**  **"category": "Children"**  **},**  **{**  **"category": "Classics"**  **},**  **{**  **"category": "Comedy"**  **},**  **{**  **"category": "Documentary"**  **},**  **{**  **"category": "Drama"**  **},**  **{**  **"category": "Family"**  **},**  **{**  **"category": "Foreign"**  **},**  **{**  **"category": "Games"**  **},**  **{**  **"category": "Horror"**  **},**  **{**  **"category": "Music"**  **},**  **{**  **"category": "New"**  **},**  **{**  **"category": "Sci-Fi"**  **},**  **{**  **"category": "Sports"**  **},**  **{**  **"category": "Travel"**  **}**  **]** | | |
| 500 | Example Value:   |  | | --- | | **{ "message": "Internal server err" }** | | |
| |  | | --- | | **GET** | | /film | |
|  | Get film details by film\_id | |
|  |
| **Parameters** |
| Name | Type | Description |
| filmId | query | /film?filmId=66 |
|  |
| **Responses** | Content Type: application.json | |
| Code | Description | |
| 200 | Example Value:   |  | | --- | | **[**  **{**  **"film\_id": "66",**  **"title": "BENEATH RUSH",**  **"description": "A Astounding Panorama of a Man And a Monkey who must Discover a Man in The First Manned Space Station",**  **"release\_year": "2006",**  **"language\_id": "1",**  **"original\_language\_id": "null",**  **"rental\_duration": "6",**  **"rental\_rate": "0.99",**  **"length": "53",**  **"replacement\_cost": "27.99",**  **"rating": "NC-17",**  **"special\_features": "Commentaries,Deleted Scenes",**  **"last\_update": "2006-02-15 04:34:33",**  **"category\_id": "3",**  **"category": "Children",**  **"name": "English",**  **"actor\_id": "45",**  **"first\_name": "REESE",**  **"last\_name": "KILMER"**  **},**  **……**  **]** | | |
| 500 | Example Value:   |  | | --- | | **{ "message": "Internal server err" }** | | |

|  |  |  |  |
| --- | --- | --- | --- |
| |  | | --- | | **POST** | | /rating | |
|  | Get film details by film\_id | |
|  |
| **Parameters** |
| Name | Type | Description |
| object | body | {  film\_id: 66,  stars: 5,  review: “Good Movie”  } |
|  |
| **Responses** | Content Type: application.json | |
| Code | Description | |
| 201 | Success | |
| 400 | Example Value:   |  | | --- | | **{ "message": 'Review is Too long'}** | | |
| 409 | Example Value:   |  | | --- | | **{"message": "Duplicate entry"}** | |  | | |
| 500 | { "message": "Internal server err" } | |
| 403 | {"message": "Forbidden"} | |

|  |  |  |  |
| --- | --- | --- | --- |
| |  | | --- | | **GET** | | /rating | |
|  | Get all ratings for a film | |
|  |
| **Parameters** |
| Name | Type | Description |
| filmId | query | /rating?filmId=66 |
| offset | query | /rating?filmId=66&offset=0 |
|  |
| **Responses** | Content Type: application.json | |
| Code | Description | |
| 200 | Example Value:   |  | | --- | | **[**  **{**  **"email": "MARY.SMITH@sakilacustomer.org",**  **"stars": 2,**  **"reviews": "Does it work"**  **},**  **{**  **"email": "PATRICIA.JOHNSON@sakilacustomer.org",**  **"stars": 4,**  **"reviews": "Another review"**  **}**  **]** | | |
| 500 | Example Value:   |  | | --- | | **{ "message": "Internal server err" }** | | |

|  |  |  |  |
| --- | --- | --- | --- |
| |  | | --- | | **GET** | | /overallRating | |
|  | Gets the average number of stars for a film | |
|  |
| **Parameters** |
| Name | Type | Description |
| filmId | query | /overallRating?filmId=66 |
|  |  |  |
|  |
| **Responses** | Content Type: application.json | |
| Code | Description | |
| 200 | Example Value:   |  | | --- | | **[**  **{**  **"AVG(stars)": 3**  **}**  **]** | | |
| 500 | Example Value:   |  | | --- | | **{ "message": "Internal server err" }** | | |

|  |  |  |  |
| --- | --- | --- | --- |
| |  | | --- | | **POST** | | /customers | |
|  | Add new customer | |
|  |
| **Parameters** |
| Name | Type | Description |
| object | body | {  store\_id: "1",  first\_name:"MARTIN",  last\_name: "SIM",  email:"martin\_sim@gm24ail.com",  password: "123",  address: {  address\_line1: "77 elm street",  address\_line2: "",  district: "California",  city\_id: "449",  postal\_code: "17886",  phone: "6325-8596"  }  } |
|  |
| **Responses** | Content Type: application.json | |
| Code | Description | |
| 201 | Example Value:   |  | | --- | | **{"message": "Account created"}** | | |
| 400 | Example Value:   |  | | --- | | **{ "message": “missing data” }** | | |
| 401 | Example Value:   |  | | --- | | **{auth: false, message: "Insufficient privileges"}** | | |
| 409 | Example Value:   |  | | --- | | **{ "message": "Email already exists" }** | | |
| 500 | Example Value:   |  | | --- | | **{ "message": "Internal server err" }** | | |

|  |  |  |  |
| --- | --- | --- | --- |
| |  | | --- | | **PUT** | | /customers/update | |
|  | Update customer details | |
|  |
| **Parameters** |
| Name | Type | Description |
| object | body | {  store\_id: "1",  first\_name:"MARTIN",  last\_name: "SIM",  email:"martin\_sim@gm24ail.com",  password: "123",  address: {  address\_line1: "77 elm street",  address\_line2: "",  district: "California",  city\_id: "449",  postal\_code: "17886",  phone: "6325-8596"  }  } |
| customer\_id | query | /customers/update?customer\_id=1 |
|  |
| **Responses** | Content Type: application.json | |
| Code | Description | |
| 200 | Example Value:   |  | | --- | | **{"message": "Account created"}**  **{ 'message': 'Customer\_id unspecified' }** | | |
| 204 | Example Value:  No row changes | |
| 400 | Example Value:   |  | | --- | | **{ "message": “missing data” }** | | |
| 401 | Example Value:   |  | | --- | | **{auth: false, message: "Insufficient privileges"}** | | |
| 409 | Example Value:   |  | | --- | | **{ "message": "Email already exists" }** | | |
| 500 | Example Value:   |  | | --- | | **{ "message": "Internal server err" }** | | |

|  |  |  |  |
| --- | --- | --- | --- |
| |  | | --- | | **GET** | | /customer | |
|  | Gets the customer details | |
|  |
| **Parameters** |
| Name | Type | Description |
| none |  |  |
|  |  |  |
|  |
| **Responses** | Content Type: application.json | |
| Code | Description | |
| 200 | Example Value:   |  | | --- | | **[**  **{**  **address: "1913 Hanoi Way",**  **address2: "",**  **city: "Sasebo"**  **country: "Japan"**  **district: "Nagasaki"**  **email: "MARY.SMITH@sakilacustomer.org"**  **first\_name: "MARY"**  **last\_name: "SMITH"**  **phone: "28303384290"**  **postal\_code: "35200"**  **store\_id: 1**  **}**  **]** | | |
| 500 | Example Value:   |  | | --- | | **{ "message": "Internal server err" }** | | |
| 401 | Example Value:   |  | | --- | | **{ "message": "Insufficient privileges"}** | | |

|  |  |  |  |
| --- | --- | --- | --- |
| |  | | --- | | **POST** | | /login | |
|  | Log in | |
|  |
| **Parameters** |
| Name | Type | Description |
| object | body | {  “email”: MARY.SMITH@sakilacustomer.org  “password”: 123  } |
|  |
| **Responses** | Content Type: application.json | |
| Code | Description | |
| 200 | Example Value:   |  | | --- | | **{**  **token: token,**  **user\_id: 1,**  **role: 0**  **}** | | |
| 401 | Example Value:   |  | | --- | | **{"error\_msg":"Email or Password is wrong"}**  **{"error\_msg":"Try Again"}** | | |
| 500 | Example Value:   |  | | --- | | **{ "error\_msg": "Internal server err" }** | | |

|  |  |  |  |
| --- | --- | --- | --- |
| |  | | --- | | **POST** | | /verifyToken | |
|  | Verify token | |
|  |
| **Parameters** |
| Name | Type | Description |
| none |  |  |
|  |
| **Responses** | Content Type: application.json | |
| Code | Description | |
| 200 | Example Value:   |  | | --- | | **{**  **token: token,**  **user\_id: 1,**  **role: 0**  **}** | | |
|  |  | |
|  |  | |
| |  | | --- | | **GET** | | /basket | |
|  | Gets user saved films | |
|  |
| **Parameters** |
| Name | Type | Description |
| none |  |  |
| **Responses** | Content Type: application.json | |
| Code | Description | |
| 200 | Example Value:   |  | | --- | | **[**  **{**  **basket\_id: '24',**  **film\_id: '99',**  **title: 'BRINGING HYSTERICAL',**  **description: 'A Fateful Saga of a A Shark And a Technical Writer who must Find a Woman in A Jet Boat',**  **release\_year: '2006'**  **},**  **……**  **]** | | |
| 500 | Example Value:   |  | | --- | | **{ "message": "Internal server err" }** | | |

|  |  |  |  |
| --- | --- | --- | --- |
| |  | | --- | | **POST** | | /saveFilm | |
|  | Gets user saved films | |
|  |
| **Parameters** |
| Name | Type | Description |
| object | Body | {  film\_id: 66;  } |
| **Responses** | Content Type: application.json | |
| Code | Description | |
| 201 | Example Value:   |  | | --- | | **{**  **fieldCount: '0',**  **affectedRows: '1',**  **insertId: '29',**  **serverStatus: '2',**  **warningCount: '0',**  **message: '',**  **protocol41: 'true',**  **changedRows: '0'**  **}** | | |
| 500 | Example Value:   |  | | --- | | **{ "message": "Internal server err" }** | | |

|  |  |  |  |
| --- | --- | --- | --- |
| |  | | --- | | **DELETE** | | /unsaveFilm | |
|  | Gets user saved films | |
|  |
| **Parameters** |
| Name | Type | Description |
| object | Body | {  film\_id: 66;  } |
| **Responses** | Content Type: application.json | |
| Code | Description | |
| 200 | Example Value:   |  | | --- | | **{ "message”: "deleted" }** | | |
| 204 | |  | | --- | | **No affected rows.** | | |
| 500 | Example Value:   |  | | --- | | **{ "message": "Internal server err" }** | | |
| |  | | --- | | **GET** | | /storeAddress | |
|  | Get all store addresses | |
|  |
| **Parameters** |
| Name | Type | Description |
| none |  |  |
| **Responses** | Content Type: application.json | |
| Code | Description | |
| 200 | Example Value:   |  | | --- | | **[**  **{**  **"store\_id": 1,**  **"address": "47 MySakila Drive"**  **},**  **{**  **"store\_id": 2,**  **"address": "28 MySQL Boulevard"**  **}**  **]** | | |
| 500 | Example Value:   |  | | --- | | **{ "message": "Internal server err" }** | | |