INFOSYS SOLUSI TERPADU



Documentation Cinema Reservation App

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**PERNYATAAN**

Dokumentasi Cinema Reservation App ini dibuat untuk memudahkan user dalam memahami alur sistem dari aplikasi. Dengan segala kekurangannya, kami berharap sinergi dari berbagai pihak untuk penyempurnaan dokumentasi. Tidak menutup kemungkinan versi dari dokumentasi ini akan berlanjut hingga mencapai kesempurnaan.

Demikian dokumentasi ini dibuat bersama dengan anggota kelompok yang tersebut diatas. Atas perhatian dan masukannya diucapkan terimakasih.

Dokumentasi Project Challenge 4 Kelompok 1

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**Catatan Release Dokumen**

| Tanggal Release | Versi | Oleh | Catatan Perubahan |
| --- | --- | --- | --- |
| 20 Juni 2022 | 1.0.0 | Chapter 4 - Kelompok A | Versi Pertama Korban Prank Mas Rezah |
| 27 Juni 2022 | 1.0.1 | Chapter 4 - Kelompok A | Versi Kedua Korban Prank Mas Rezah |

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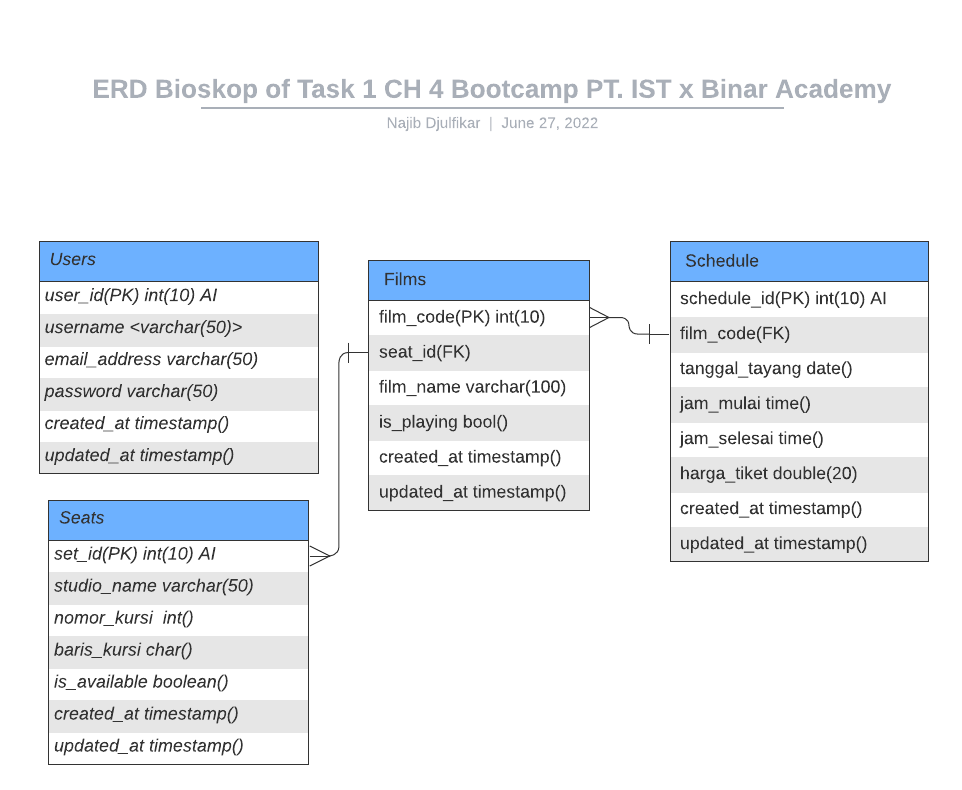
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# **FLOWCHART DIAGRAM**

# **ENTITY RELATIONSHIP DIAGRAM DATABASE BIOSKOP**



**Explanation of Table**

* **Table Users**

| **Column Name** | **Data Type** | **Length** | **Not Null** | **Auto Increment** | **Key** |
| --- | --- | --- | --- | --- | --- |
| *user\_id* | int | 10 | v | v | Primary Key |
| *username* | varchar | 50 | v | - | - |
| *email\_address* | varchar | 50 | v | - | - |
| *password* | varchar | 50 | v | - | - |
| *created\_at* | timestamp | - | v | - | - |
| *updated\_at* | timestamp | - | - | - | - |

* **Table Seats**

| **Column Name** | **Data Type** | **Length** | **Not Null** | **Auto Increment** | **Key** |
| --- | --- | --- | --- | --- | --- |
| *seat\_id* | int | 10 | v | v | Primary Key |
| *studio\_name* | varchar | 50 | v | - | - |
| *nomor\_kursi* | int | 10 | v | - | - |
| *baris\_kursi* | char | 1 | - | - | - |
| *is\_available* | boolean | 1 | - | - | - |
| *created\_at* | timestamp | - | v | - | - |
| *updated\_at* | timestamp | - | - | - | - |

* **Table Films**

| **Column Name** | **Data Type** | **Length** | **Not Null** | **Auto Increment** | **Key** |
| --- | --- | --- | --- | --- | --- |
| *film\_code* | int | 10 | v | - | Primary Key |
| *seat\_id* | int | 50 | v | - | Foreign Key |
| *film\_name* | varchar | 100 | v | - | - |
| *is\_playing* | boolean | 1 | v | - | - |
| *created\_at* | timestamp | - | v | - | - |
| *updated\_at* | timestamp | - | - | - | - |

* **Table Schedule**

| **Column Name** | **Data Type** | **Length** | **Not Null** | **Auto Increment** | **Key** |
| --- | --- | --- | --- | --- | --- |
| *schedule\_id* | int | 10 | v | v | Primary Key |
| *film\_code* | int | 50 | v | - | Foreign Key |
| *tanggal\_tayang* | date | - | v | - | - |
| *jam\_mulai* | time | - | v | - | - |
| *jam\_selesai* | time | - | v | - | - |
| *harga\_tiket* | double | - | v | - | - |
| *created\_at* | timestamp | - | v | - | - |
| *updated\_at* | timestamp | - | - | - | - |

# 

# **SPESIFIKASI ENDPOINT FILM**

## **Get Film By ID**

**Endpoint Description**

Service berikut ini digunakan untuk mengambil satu data film berdasarkan id film yang ada di dalam database bioskop.

**General Information**

| HTTP Method | GET |
| --- | --- |
| Path | /films/{id} |
| Tipe Format | JSON |
| Authentication | - |

**Header Structure**

| Key | Value |
| --- | --- |
| Content-Type | Application/JSON |
| Transfer-Encoding | chunked |
| Date | Fri, 25 Jun 2022 11.45:04 GMT |
| Keep-Alive | timeout=20 |
| Connection | keep-alive |

**REQUEST STRUCTURE**

* **Path Variable**

**Response Structure**

**JSON**

{

"filmCode": 73148,

"seatId": {

"seatId": 4,

"studioName": "Studio A",

"barisKursi": "A",

"isAvailable": true,

"nomorKursi": 12,

"createdAt": "2022-04-27T08:46:21",

"updatedAt": "2022-06-30T12:52:04"

},

"filmName": "Morbius",

"isPlaying": true

}

| **Field** | **Data Type** | **Mandatory** | **Length** | **Description** | **Example** |
| --- | --- | --- | --- | --- | --- |
| filmcode | Integer | Not Null | 5 | Nomor Film | 73148 |
| seatId | Integer | - | 100 | Kode film | 4 |
| studioName | String | - | 50 | Nama Studio | Studio A |
| barisKursi | Char | - | 1 | Nama alfa baris kursi | A |
| isAvailable | Boolean | - | 1 | Status available kursi | true |
| nomorKursi | Integer | - | 5 | Nomor Kursi | 12 |
| createdAt | Timestamp | - | - | Waktu pertama kali data terekam | 2022-04-15T17:02:24 |
| updatedAt | Timestamp | - | - | Waktu terakhir di perbarui | 2022-01-31T22:53:04 |
| filmName | String | - | 100 | Nama Film | Morbius |
| isPlaying | Boolean | - | 1 | Film yang sedang tayang atau tidak | True |

## 

## **Update Film By ID**

**Endpoint Description**

Service update film ini digunakan untuk update data film berdasarkan id film yang ada di dalam database bioskop berdasarkan id films.

**General Information**

| HTTP Method | UPDATE |
| --- | --- |
| Path | /films/id |
| Tipe Format | JSON |
| Authentication | - |

**Header Structure**

| Key | Value |
| --- | --- |
| Content-Type | Application/JSON |
| Transfer-Encoding | chunked |
| Date | Fri, 24 Jun 2022 12:42:04 GMT |
| Keep-Alive | timeout=20 |
| Connection | keep-alive |

**Request Structure**

JSON

{

"filmCode": 1893745,

"seatId": {

"seatId": 30,

},

"filmName": "Marhaba",

"isPlaying": true

}

| **Field** | **Data Type** | **Mandatory** | **Length** | **Description** | **Example** |
| --- | --- | --- | --- | --- | --- |
| filmcode | Int | Not Null | 5 | Nomor Film | 189375 |
| seatId | Int | - | 5 | Kode film | 30 |
| filmName | varchart | - | 100 | Nama Film | Marhaba |
| isPlaying | tinyint | - | 1 | Film yang sedang tayang atau tidak | True |

**Response Structure**

**JSON**

{

"filmCode": 1893745,

"seatId": {

"seatId": 30,

"studioName": "Studio D",

"barisKursi": "D",

"isAvailable": true,

"nomorKursi": 1,

"createdAt": "2022-04-15T17:02:24",

"updatedAt": "2022-01-31T22:53:04"

},

"filmName": "Marhaba",

"isPlaying": true

}

| **Field** | **Data Type** | **Mandatory** | **Length** | **Description** | **Example** |
| --- | --- | --- | --- | --- | --- |
| filmcode | Integer | Not Null | 5 | Nomor Film | 1893745 |
| seatId | Integer | - | 100 | Kode film | 30 |
| studioName | String | - | 50 | Nama Studio | Studio D |
| barisKursi | Char | - | 1 | Nama alfa baris kursi | D |
| isAvailable | Boolean | - | 1 | Status available kursi | true |
| nomorKursi | Integer | - | 5 | Nomor Kursi | 1 |
| createdAt | Timestamp | - | - | Waktu pertama kali data terekam | 2022-04-15T17:02:24 |
| updatedAt | Timestamp | - | - | Waktu terakhir di perbarui | 2022-01-31T22:53:04 |
| filmName | String | - | 100 | Nama Film | Marhaba |
| isPlaying | Boolean | - | 1 | Film yang sedang tayang atau tidak | True |

## **Delete Film By ID**

**Endpoint Description**

Service berikut ini digunakan untuk menghapus secara *hard-delete data* film yang telah dibuat sebelumnya berdasarkan Id Path Variable pada Endpoint.

**General Information**

| HTTP Method | DELETE |
| --- | --- |
| Path | /films/id |
| Tipe Format | JSON |
| Authentication | - |

**Header Structure**

| **Key** | **Value** |
| --- | --- |
| Content-Type | Application/JSON |
| Transfer-Encoding | chunked |
| Date | Sat, 25 Jun 2022 13:10:15 GMT |
| Keep-Alive | timeout=60 |
| Connection | keep-alive |

**Request Structure**

* Path Variable for delete one data

**Response Structure**

* HTTP STATUS OK (200)

## **Get All Films**

**Endpoint Description**

Service berikut ini digunakan untuk memasukkan film baru ke dalam database bioskop.

**General Information**

| HTTP Method | GET |
| --- | --- |
| Path | /films |
| Tipe Format | JSON |
| Authentication | - |

**Header Structure**

| **Key** | **Value** |
| --- | --- |
| Content-Type | Application/JSON |
| Transfer-Encoding | chunked |
| Date | Sat, 25 Jun 2022 12:38:15 GMT |
| Keep-Alive | timeout=60 |
| Connection | keep-alive |

**Request Structure**

* Structure is Not Available if fetching all data
* Use Path Variable “get by id” to fetch one/more data

**Response Structure**

**JSON**

[

{

"filmCode": 12345,

"seatId": {

"seatId": 1,

"studioName": "Studio A",

"barisKursi": "A",

"isAvailable": true,

"nomorKursi": 1,

"createdAt": "2022-06-13T23:58:01",

"updatedAt": "2022-01-07T05:08:16"

},

"filmName": "dunia lain",

"isPlaying": true,

"createdAt": "2022-08-21T08:07:13",

"updatedAt": "2022-05-17T01:44:00"

},..

]

| **Field** | **Data Type** | **Length** | **Description** | **Example** |
| --- | --- | --- | --- | --- |
| filmCode | Integer | 5 | Kode untuk Film | 12345 |
| seatId | Integer | 5 | Kode untuk setiap kursi | 1 |
| studioName | String | 50 | Nama Studio dari setiap seatId | Studio A |
| barisKursi | Char | 5 | Baris untuk setiap nomor kursi | A |
| isAvailable | Boolean | 1 | Status kursi kosong/ isi | true |
| nomorKursi | Integer | 5 | Nomor kursi di setiap studio | 1 |
| createdAt | TimeStamp | - | Waktu seatId di Record | 2022-09-17T05:43:49 |
| updatedAt | TimeStamp | - | Waktu seatId di Updated | 2022-10-13T12:52:50 |
| filmName | String | 100 | Nama Film | dunia lain |
| isPlaying | Boolean | 1 | Status Film Sedang Dimainkan/ Tidak | true |
| createdAt | TimeStamp | - | Waktu Film Pertama Kali Diinput | 2022-02-18T17:46:55 |
| updatedAt | TimeStamp | - | Waktu Film Terakhir Kali Diperbarui | 2022-06-11T01:57:03 |

## **Insert Film**

**Endpoint Description**

Service berikut ini digunakan untuk mengambil semua film yang ada di dalam database bioskop.

**General Information**

| HTTP Method | POST |
| --- | --- |
| Path | /films |
| Tipe Format | JSON |
| Authentication | - |

**Header Structure**

| **Key** | **Value** |
| --- | --- |
| Content-Type | Application/JSON |
| Transfer-Encoding | chunked |
| Date | Sat, 25 Jun 2022 12:45:20GMT |
| Keep-Alive | timeout=60 |
| Connection | keep-alive |

**Request Structure**

{

"filmCode": 70129,

"seatId": {

"seatId": 30,

},

"filmName": "The Avangers - End Game",

"isPlaying": true

}

| **Field** | **Data Type** | **Length** | **Description** | **Example** |
| --- | --- | --- | --- | --- |
| filmCode | Integer | 5 | Kode untuk Film | 70129 |
| seatId | Integer | 5 | Kode untuk setiap kursi | 30 |
| filmName | String | 100 | Nama Film | The Avengers - End Game |
| isPlaying | Boolean | 1 | Status Film Sedang Dimainkan/ Tidak | true |

**Response Structure**

{

"filmCode": 70129,

"seatId": {

"seatId": 30,

"studioName": "Studio D",

"barisKursi": "D",

"isAvailable": true,

"nomorKursi": 1,

"createdAt": "2022-06-25T06:36:06.835Z",

"updatedAt": "2022-06-25T06:36:06.835Z"

},

"filmName": "The Avangers - End Game",

"isPlaying": true

}

| **Field** | **Data Type** | **Length** | **Description** | **Example** |
| --- | --- | --- | --- | --- |
| filmCode | Integer | 5 | Kode untuk Film | 70129 |
| seatId | Integer | 5 | Kode untuk setiap kursi | 30 |
| studioName | String | 50 | Nama Studio dari setiap seatId | Studio D |
| barisKursi | Char | 5 | Baris untuk setiap nomor kursi | D |
| isAvailable | Boolean | 1 | Status kursi kosong/ isi | true |
| nomorKursi | Integer | 5 | Nomor kursi di setiap studio | 1 |
| createdAt | TimeStamp | - | Waktu seatId di Record | 2022-09-17T05:43:49 |
| updatedAt | TimeStamp | - | Waktu seatId di Updated | 2022-10-13T12:52:50 |
| filmName | String | 100 | Nama Film | The Avengers - End Game |
| isPlaying | Boolean | 1 | Status Film Sedang Dimainkan/ Tidak | true |

## **Get Films By Studio**

**Endpoint Description**

Service berikut digunakan untuk menngambil data film berdasarkan Nama Studio.

**General Information**

| HTTP Method | POST |
| --- | --- |
| Path | /films/studioname |
| Tipe Format | JSON |
| Authentication | - |

**Header Structure**

| **Key** | **Value** |
| --- | --- |
| Content-Type | Application/JSON |
| Transfer-Encoding | chunked |
| Date | Sat, 25 Jun 2022 12:50:10 GMT |
| Keep-Alive | timeout=60 |
| Connection | keep-alive |

**Request Structure**

{

{

"studioName": "Studio A",

},

}

| **Field** | **Data Type** | **Length** | **Description** | **Example** |
| --- | --- | --- | --- | --- |
| studioName | String | 50 | Nama Studio dari setiap seatId | Studio A |

**Request Structure**

[

{

"filmCode": 12345,

"seatId": {

"seatId": 1,

"studioName": "Studio A",

"barisKursi": "A",

"isAvailable": true,

"nomorKursi": 1,

"createdAt": "2022-06-13T23:58:01",

"updatedAt": "2022-01-07T05:08:16"

},

"filmName": "dunia lain",

"isPlaying": true,

"createdAt": "2022-08-21T08:07:13",

"updatedAt": "2022-05-17T01:44:00"

}, …

| **Field** | **Data Type** | **Length** | **Description** | **Example** |
| --- | --- | --- | --- | --- |
| filmCode | Integer | 5 | Kode untuk Film | 87691 |
| seatId | Integer | 5 | Kode untuk setiap kursi | 1 |
| studioName | String | 50 | Nama Studio dari setiap seatId | Studio A |
| barisKursi | Char | 5 | Baris untuk setiap nomor kursi | F |
| isAvailable | Boolean | 1 | Status kursi kosong/ isi | false |
| nomorKursi | Integer | 5 | Nomor kursi di setiap studio | 12 |
| createdAt | TimeStamp | - | Waktu seatId di Record | 2022-09-17T05:43:49 |
| updatedAt | TimeStamp | - | Waktu seatId di Updated | 2022-10-13T12:52:50 |
| filmName | String | 100 | Nama Film | Monster Hunter |
| isPlaying | Boolean | 1 | Status Film Sedang Dimainkan/ Tidak | true |
| createdAt | TimeStamp | - | Waktu Film Pertama Kali Diinput | 2022-02-18T17:46:55 |
| updatedAt | TimeStamp | - | Waktu Film Terakhir Kali Diperbarui | 2022-06-11T01:57:03 |

## 

## **Get Films By Is Playing**

**Endpoint Description**

Service berikut digunakan untuk menampilkan film yang masih tayang atau sudah tidak tayang.

**General Information**

| HTTP Method | POST |
| --- | --- |
| Path | /films/isplaying |
| Tipe Format | JSON |
| Authentication | - |

**Header Structure**

| **Key** | **Value** |
| --- | --- |
| Content-Type | Application/JSON |
| Transfer-Encoding | chunked |
| Date | Sat, 25 Jun 2022 12:54:28 GMT |
| Keep-Alive | timeout=60 |
| Connection | keep-alive |

**Request Structure**

{

“isplaying” : true/false

}

| **Field** | **Data Type** | **Length** | **Description** | **Example** |
| --- | --- | --- | --- | --- |
| isPlaying | Boolean | 1 | Status Penayangan Film | true |

**Request Structure**

[

{

"filmCode": 12345,

"seatId": {

"seatId": 1,

"studioName": "Studio A",

"barisKursi": "A",

"isAvailable": true,

"nomorKursi": 1,

"createdAt": "2022-06-13T23:58:01",

"updatedAt": "2022-01-07T05:08:16"

},

"filmName": "dunia lain",

"isPlaying": true,

"createdAt": "2022-08-21T08:07:13",

"updatedAt": "2022-05-17T01:44:00"

}, …

| **Field** | **Data Type** | **Length** | **Description** | **Example** |
| --- | --- | --- | --- | --- |
| filmCode | Integer | 5 | Kode untuk Film | 87691 |
| seatId | Integer | 5 | Kode untuk setiap kursi | 1 |
| studioName | String | 50 | Nama Studio dari setiap seatId | Studio A |
| barisKursi | Char | 5 | Baris untuk setiap nomor kursi | F |
| isAvailable | Boolean | 1 | Status kursi kosong/ isi | false |
| nomorKursi | Integer | 5 | Nomor kursi di setiap studio | 12 |
| createdAt | TimeStamp | - | Waktu seatId di Record | 2022-09-17T05:43:49 |
| updatedAt | TimeStamp | - | Waktu seatId di Updated | 2022-10-13T12:52:50 |
| filmName | String | 100 | Nama Film | Monster Hunter |
| isPlaying | Boolean | 1 | Status Film Sedang Dimainkan/ Tidak | true |
| createdAt | TimeStamp | - | Waktu Film Pertama Kali Diinput | 2022-02-18T17:46:55 |
| updatedAt | TimeStamp | - | Waktu Film Terakhir Kali Diperbarui | 2022-06-11T01:57:03 |

# **SPESIFIKASI ENDPOINT USER**

## **Get All User**

**Endpoint Description**

Service berikut ini digunakan untuk mengambil keseluruhan data *user* yang ada

**General Information**

| HTTP Method | GET |
| --- | --- |
| Path | /users |
| Tipe Format | JSON |
| Authentication | - |

**Header Structure**

| Key | Value |
| --- | --- |
| Content-Type | Application/JSON |
| Transfer-Encoding | chunked |
| Date | Fri, 24 Jun 2022 12:42:04 GMT |
| Keep-Alive | timeout=20 |
| Connection | keep-alive |

**Request Structure**

N/A

**Response Structure**

**JSON**

[

{

"userId": 1,

"username": "Reidara Uchiha",

"emailAddress": "rthirsk0@phoca.cz",

"password": "baANbC",

"createdAt": "2022-06-21T05:06:01",

"updatedAt": "2022-06-25T12:10:23"

},

{

"userId": 2,

"username": "Adriannaa",

"emailAddress": "anaismith1@quantcast.com",

"password": "ZQAW3d",

"createdAt": "2022-02-02T05:22:34",

"updatedAt": "2022-01-07T02:44:32"

}

]

| **Field** | **Data Type** | **Mandatory** | **Length** | **Description** | **Example** |
| --- | --- | --- | --- | --- | --- |
| userId | Integer | Not Null | - | Id user | 1 |
| username | String | Not Null | 50 | *Username* untuk *authentication* | username123 |
| emailAddress | String | Not Null | 50 | Alamat email pengguna | example@mail.com |
| password | String | Not Null | 50 | Password pengguna | asd32csf72k |
| createdAt | Timestamp | Not Null | - | Waktu pertama kali data dibuat | 2022-06-21T05:06:01 |
| updatedAt | Timestamp | Not Null | - | Waktu terakhir kali data kursi diperbaharui | 2022-11-22T10:09:53 |

## **Get User by ID**

**Endpoint Description**

Service berikut ini digunakan untuk mengambil data satu *user* berdasarkan id *user*.

**General Information**

| HTTP Method | GET |
| --- | --- |
| Path | /user/{id} |
| Tipe Format | JSON |
| Authentication | - |

**Header Structure**

| Key | Value |
| --- | --- |
| Content-Type | Application/JSON |
| Transfer-Encoding | chunked |
| Date | Fri, 24 Jun 2022 13:52:38 GMT |
| Keep-Alive | timeout=20 |
| Connection | keep-alive |

**Request Structure**

* **Path Variable**

**Response Structure**

**JSON**

{

"userId": 27,

"username": "Anindita",

"emailAddress": "anindita@gmail.com",

"password": "hksdf832sdf13nsd",

"createdAt": "2022-03-11T17:00:00",

"updatedAt": "2022-06-26T22:47:15"

}

| **Field** | **Data Type** | **Mandatory** | **Length** | **Description** | **Example** |
| --- | --- | --- | --- | --- | --- |
| userId | Integer | Not Null | - | Id user | 1 |
| username | String | Not Null | 50 | *Username* untuk *authentication* | username123 |
| emailAddress | String | Not Null | 50 | Alamat email pengguna | example@mail.com |
| password | String | Not Null | 50 | Password pengguna | asd32csf72k |
| createdAt | Timestamp | Not Null | - | Waktu pertama kali data dibuat | 2022-06-21T05:06:01 |
| updatedAt | Timestamp | Not Null | - | Waktu terakhir kali data kursi diperbaharui | 2022-11-22T10:09:53 |

## **Create new User**

**Endpoint Description**

Service berikut ini digunakan untuk mengubah data *user*.

**General Information**

| HTTP Method | POST |
| --- | --- |
| Path | /user |
| Tipe Format | JSON |
| Authentication | - |

**Header Structure**

| Key | Value |
| --- | --- |
| Content-Type | Application/JSON |
| Transfer-Encoding | chunked |
| Date | Fri, 24 Jun 2022 12:42:04 GMT |
| Keep-Alive | timeout=20 |
| Connection | keep-alive |

**Request Structure**

* **JSON**

{

"username": "newUser01",

"emailAddress": "new.user01@examplemail.com",

"password": "asd92dnf01dkka9",

}

| **Field** | **Data Type** | **Mandatory** | **Length** | **Description** | **Example** |
| --- | --- | --- | --- | --- | --- |
| username | String | Not Null | 50 | *Username* untuk *authentication* | username123 |
| emailAddress | String | Not Null | 50 | Alamat email pengguna | example@mail.com |
| password | String | Not Null | 50 | Password pengguna | asd32csf72k |

**Response Structure**

**JSON**

{

"userId": 68,

"username": "newUser01",

"emailAddress": "new.user01@examplemail.com",

"password": "asd92dnf01dkka9",

"createdAt": "2022-06-26T23:40:01.1137227",

"updatedAt": "2022-06-26T23:40:01.1137227"

}

| **Field** | **Data Type** | **Mandatory** | **Length** | **Description** | **Example** |
| --- | --- | --- | --- | --- | --- |
| userId | Integer | Not Null | - | Id user | 1 |
| username | String | Not Null | 50 | *Username* untuk *authentication* | username123 |
| emailAddress | String | Not Null | 50 | Alamat email pengguna | example@mail.com |
| password | String | Not Null | 50 | Password pengguna | asd32csf72k |
| createdAt | Timestamp | Not Null | - | Waktu pertama kali data dibuat | 2022-06-21T05:06:01 |
| updatedAt | Timestamp | Not Null | - | Waktu terakhir kali data kursi diperbaharui | 2022-11-22T10:09:53 |

## **Edit User by ID**

**Endpoint Description**

Service berikut ini digunakan untuk mengubah data *user*.

**General Information**

| HTTP Method | PUT |
| --- | --- |
| Path | /user |
| Tipe Format | JSON |
| Authentication | - |

**Header Structure**

| Key | Value |
| --- | --- |
| Content-Type | Application/JSON |
| Transfer-Encoding | chunked |
| Date | Fri, 24 Jun 2022 12:42:04 GMT |
| Keep-Alive | timeout=20 |
| Connection | keep-alive |

**Request Structure**

* **JSON**

{

"userId": 27,

"username": "Anindita",

"emailAddress": "anindita@gmail.com",

"password": "bbsadfj323dk0skal1",

"createdAt": "2022-03-11T17:00:00",

"updatedAt": "2022-06-26T22:47:15"

}

| **Field** | **Data Type** | **Mandatory** | **Length** | **Description** | **Example** |
| --- | --- | --- | --- | --- | --- |
| userId | Integer | Not Null | - | Id user | 1 |
| username | String | Not Null | 50 | *Username* untuk *authentication* | username123 |
| emailAddress | String | Not Null | 50 | Alamat email pengguna | example@mail.com |
| password | String | Not Null | 50 | Password pengguna | asd32csf72k |
| createdAt | Timestamp | Not Null | - | Waktu pertama kali data dibuat | 2022-06-21T05:06:01 |
| updatedAt | Timestamp | Not Null | - | Waktu terakhir kali data kursi diperbaharui | 2022-11-22T10:09:53 |

**Response Structure**

**JSON**

{

"userId": 27,

"username": "Anindita",

"emailAddress": "anindita@gmail.com",

"password": "bbsadfj323dk0skal1",

"createdAt": "2022-03-11T17:00:00",

"updatedAt": "2022-06-26T22:47:15"

}

| **Field** | **Data Type** | **Mandatory** | **Length** | **Description** | **Example** |
| --- | --- | --- | --- | --- | --- |
| userId | Integer | Not Null | - | Id user | 1 |
| username | String | Not Null | 50 | *Username* untuk *authentication* | username123 |
| emailAddress | String | Not Null | 50 | Alamat email pengguna | example@mail.com |
| password | String | Not Null | 50 | Password pengguna | asd32csf72k |
| createdAt | Timestamp | Not Null | - | Waktu pertama kali data dibuat | 2022-06-21T05:06:01 |
| updatedAt | Timestamp | Not Null | - | Waktu terakhir kali data kursi diperbaharui | 2022-11-22T10:09:53 |

## 

## **Delete User by ID**

**Endpoint Description**

Service berikut ini digunakan untuk mengambil data satu *user* berdasarkan id *user*.

**General Information**

| HTTP Method | DELETE |
| --- | --- |
| Path | /user/{id} |
| Tipe Format | JSON |
| Authentication | - |

**Header Structure**

| Key | Value |
| --- | --- |
| Content-Type | Application/JSON |
| Transfer-Encoding | chunked |
| Date | Fri, 24 Jun 2022 13:52:38 GMT |
| Keep-Alive | timeout=20 |
| Connection | keep-alive |

**Request Structure**

* **Path Variable**

**Response Structure**

**JSON**

{

"userId": 27,

"username": "Anindita",

"emailAddress": "anindita@gmail.com",

"password": "bbsadfj323dk0skal1",

"createdAt": "2022-03-11T17:00:00",

"updatedAt": "2022-06-26T22:58:17"

}

| **Field** | **Data Type** | **Mandatory** | **Length** | **Description** | **Example** |
| --- | --- | --- | --- | --- | --- |
| userId | Integer | Not Null | - | Id user | 1 |
| username | String | Not Null | 50 | *Username* untuk *authentication* | username123 |
| emailAddress | String | Not Null | 50 | Alamat email pengguna | example@mail.com |
| password | String | Not Null | 50 | Password pengguna | asd32csf72k |
| createdAt | Timestamp | Not Null | - | Waktu pertama kali data dibuat | 2022-06-21T05:06:01 |
| updatedAt | Timestamp | Not Null | - | Waktu terakhir kali data kursi diperbaharui | 2022-11-22T10:09:53 |

# **SPESIFIKASI ENDPOINT SEAT**

## **Get All Seat**

**Endpoint Description**

Service berikut ini digunakan untuk mengambil keseluruhan data kursi bioskop yang ada di database.

**General Information**

| HTTP Method | GET |
| --- | --- |
| Path | /schedules (All Data)  /schedule/{id} (One Data) |
| Tipe Format | JSON |
| Authentication | - |

**Header Structure**

| **Key** | **Value** |
| --- | --- |
| Content Type | Application/JSON |
| Transfer-Encoding | Chunked |
| Date | Fri, 24 Jun 2022 12:47:04 GMT |
| Keep Alive | timeout=60 |
| Connection | keep alive |

**Request Structure**

N/A

**Response Structure**

**JSON**

{

"seatId": 1,

"studioName": "Studio A",

"nomorKursi": 1,

"isAvailable": true,

"createdAt": "2022-06-13T23:58:01",

"updatedAt": "2022-01-07T05:08:16"

}

| **Field** | **Data Type** | **Mandatory** | **Length** | **Description** | **Example** |
| --- | --- | --- | --- | --- | --- |
| seatId | Integer | - | - | Primary key dari seat | 3 |
| studioName | String | - | 50 | nama dari studio bioskop | Studio A |
| nomorKursi | Integer | - | - | nomor dari kursi bioskop | 5 |
| isAvailable | Boolean | - | 1 | status kursi yg tersedia | true |
| createdAt | String | - | 1 | waktu pertama kali data kursi diinput | 2022-06-13 23:58:01 |
| createdAt | String | - | 1 | waktu pertama kali data kursi diupdate | 2022-01-07 05:08:16 |

## **Get Seat by Id**

**Endpoint Description**

Service berikut ini digunakan untuk merubahkan data kursi dan mengganti data bioskop yang telah ada di database.

**General Information**

| HTTP Method | GET |
| --- | --- |
| Path | /seats |
| Tipe Format | JSON |
| Authentication | - |

**Header Structure**

| **Key** | **Value** |
| --- | --- |
| Content Type | Application/JSON |
| Transfer-Encoding | Chunked |
| Date | Fri, 24 Jun 2022 12:47:04 GMT |
| Keep Alive | timeout=60 |
| Connection | keep alive |

**Request Structure**

JSON

{

"seatId": 7,

"studioName": "string",

"nomorKursi": 25,

"isAvailable": true,

"createdAt": "2022-06-26T14:19:40.366Z",

"updatedAt": "2022-06-26T14:19:40.366Z"

}

| **Field** | **Data Type** | **Mandatory** | **Length** | **Description** | **Example** |
| --- | --- | --- | --- | --- | --- |
| seatId | Integer | - | - | Primary key dari seat | 3 |
| studioName | String | - | 50 | nama dari studio bioskop | Studio A |
| isAvailable | Boolean | - | 1 | status kursi yg tersedia | true |
| createdAt | String | - | 1 | waktu pertama kali data kursi diinput | 2022-06-13 23:58:01 |
| createdAt | String | - | 1 | waktu pertama kali data kursi diupdate | 2022-01-07 05:08:16 |

**Response Structure**

**JSON**

{

"seatId": 7,

"studioName": "string",

"nomorKursi": 25,

"isAvailable": true,

"createdAt": "2022-06-26T14:19:40.366",

"updatedAt": "2022-06-26T14:19:40.366"

}

| **Field** | **Data Type** | **Mandatory** | **Length** | **Description** | **Example** |
| --- | --- | --- | --- | --- | --- |
| seatId | Integer | - | - | Primary key dari seat | 3 |
| studioName | String | - | 50 | nama dari studio bioskop | Studio A |
| nomorKursi | Integer | - | - | nomor dari kursi bioskop | 5 |
| isAvailable | Boolean | - | 1 | status kursi yg tersedia | true |
| createdAt | String | - | 1 | waktu pertama kali data kursi diinput | 2022-06-13 23:58:01 |
| createdAt | String | - | 1 | waktu pertama kali data kursi diupdate | 2022-01-07 05:08:16 |

## **Create new Seat**

**Endpoint Description**

Service berikut ini digunakan untuk menambahkan data kursi bioskop yang baru kedalam database

**General Information**

| HTTP Method | GET |
| --- | --- |
| Path | /seat |
| Tipe Format | JSON |
| Authentication | - |

**Header Structure**

| **Key** | **Value** |
| --- | --- |
| Content Type | Application/JSON |
| Transfer-Encoding | Chunked |
| Date | Fri, 24 Jun 2022 12:47:04 GMT |
| Keep Alive | timeout=60 |
| Connection | keep alive |

**Request Structure**

JSON

{

"seatId": 10,

"studioName": "c",

"nomorKursi": 37,

"isAvailable": true,

"createdAt": "2022-06-26T14:29:56.662Z",

"updatedAt": "2022-06-26T14:29:56.662Z"

}

| **Field** | **Data Type** | **Mandatory** | **Length** | **Description** | **Example** |
| --- | --- | --- | --- | --- | --- |
| seatId | Integer | - | - | Primary key dari seat | 3 |
| studioName | String | - | 50 | nama dari studio bioskop | Studio A |
| isAvailable | Boolean | - | 1 | status kursi yg tersedia | true |
| createdAt | String | - | 1 | waktu pertama kali data kursi diinput | 2022-06-13 23:58:01 |
| createdAt | String | - | 1 | waktu pertama kali data kursi diupdate | 2022-01-07 05:08:16 |

**Response Structure**

**JSON**

{

"seatId": 10,

"studioName": "c",

"nomorKursi": 37,

"isAvailable": true,

"createdAt": "2022-06-26T14:29:56.662",

"updatedAt": "2022-06-26T14:29:56.662"

}

| **Field** | **Data Type** | **Mandatory** | **Length** | **Description** | **Example** |
| --- | --- | --- | --- | --- | --- |
| seatId | Integer | - | - | Primary key dari seat | 3 |
| studioName | String | - | 50 | nama dari studio bioskop | Studio A |
| nomorKursi | Integer | - | - | nomor dari kursi bioskop | 5 |
| isAvailable | Boolean | - | 1 | status kursi yg tersedia | true |
| createdAt | String | - | 1 | waktu pertama kali data kursi diinput | 2022-06-13 23:58:01 |
| createdAt | String | - | 1 | waktu pertama kali data kursi diupdate | 2022-01-07 05:08:16 |

## **Update Seat by Id**

**Endpoint Description**

Service berikut ini digunakan untuk menambahkan data kursi pada bioskop menjadi tersedia didalam database.

**General Information**

| HTTP Method | GET |
| --- | --- |
| Path | /seats/available |
| Tipe Format | JSON |
| Authentication | - |

**Header Structure**

| Key | Value |
| --- | --- |
| Content Type | Application/JSON |
| Transfer-Encoding | Chunked |
| Date | Fri, 24 Jun 2022 12:47:04 GMT |
| Keep Alive | timeout=60 |
| Connection | keep alive |

**Request Structure**

JSON

{

"seatId": 3,

"studioName": "A",

"nomorKursi": 3,

"isAvailable": true,

"createdAt": "2022-06-26T14:34:37.270Z",

"updatedAt": "2022-06-26T14:34:37.270Z"

}

| **Field** | **Data Type** | **Mandatory** | **Length** | **Description** | **Example** |
| --- | --- | --- | --- | --- | --- |
| seatId | Integer | - | - | Primary key dari seat | 3 |
| studioName | String | - | 50 | nama dari studio bioskop | Studio A |
| isAvailable | Boolean | - | 1 | status kursi yg tersedia | true |
| createdAt | String | - | 1 | waktu pertama kali data kursi diinput | 2022-06-13 23:58:01 |
| createdAt | String | - | 1 | waktu pertama kali data kursi diupdate | 2022-01-07 05:08:16 |

**Response Structure**

JSON

{

"seatId": 3,

"studioName": "Studio A",

"nomorKursi": 11,

"isAvailable": true,

"createdAt": "2022-09-17T05:43:49",

“updatedAt": "2022-10-13T12:52:50"

},

| **Field** | **Data Type** | **Mandatory** | **Length** | **Description** | **Example** |
| --- | --- | --- | --- | --- | --- |
| seatId | Integer | - | - | Primary key dari seat | 3 |
| studioName | String | - | 50 | nama dari studio bioskop | Studio A |
| nomorKursi | Integer | - | - | nomor dari kursi bioskop | 5 |
| isAvailable | Boolean | - | 1 | status kursi yg tersedia | true |
| createdAt | String | - | 1 | waktu pertama kali data kursi diinput | 2022-06-13 23:58:01 |
| createdAt | String | - | 1 | waktu pertama kali data kursi diupdate | 2022-01-07 05:08:16 |

* **Get Seat by ID**

**Endpoint Description**

Service berikut ini digunakan untuk mengambil data seat dengan memasukan id yang diminta didalam database.

**General Information**

| HTTP Method | GET |
| --- | --- |
| Path | /seats/{id} |
| Tipe Format | JSON |
| Authentication | - |

**Header Structure**

| Key | Value |
| --- | --- |
| Content Type | Application/JSON |
| Transfer-Encoding | Chunked |
| Date | Fri, 24 Jun 2022 12:47:04 GMT |
| Keep Alive | timeout=60 |
| Connection | keep alive |

**Request Structure**

**JSON**

}

“seatId”: 2,

{

| **Field** | **Data Type** | **Mandatory** | **Length** | **Description** | **Example** |
| --- | --- | --- | --- | --- | --- |
| seatId | Integer | - | - | Primary key dari seat | 2 |

**Response Structure**

**JSON**

{

"seatId": 2,

"studioName": "Studio A",

"nomorKursi": 2,

"isAvailable": true,

"createdAt": "2022-07-24T21:37:05",

"updatedAt": "2022-11-26T02:07:39"

}

| **Field** | **Data Type** | **Mandatory** | **Length** | **Description** | **Example** |
| --- | --- | --- | --- | --- | --- |
| seatId | Integer | - | - | Primary key dari seat | 2 |
| studioName | String | - | 50 | nama dari studio bioskop | Studio A |
| nomorKursi | Integer | - | - | nomor dari kursi bioskop | 5 |
| isAvailable | Boolean | - | 1 | status kursi yg tersedia | true |
| createdAt | String | - | 1 | waktu pertama kali data kursi diinput | 2022-06-13 23:58:01 |
| createdAt | String | - | 1 | waktu pertama kali data kursi diupdate | 2022-01-07 05:08:16 |

## **Delete Seat by Id**

**Endpoint Description**

Service berikut ini digunakan untuk menghapus data seat didalam database.

**General Information**

| HTTP Method | GET |
| --- | --- |
| Path | /seats/{id} |
| Tipe Format | JSON |
| Authentication | - |

**Header Structure**

| Key | Value |
| --- | --- |
| Content Type | Application/JSON |
| Transfer-Encoding | Chunked |
| Date | Fri, 24 Jun 2022 12:47:04 GMT |
| Keep Alive | timeout=60 |
| Connection | keep alive |

**Request Structure**

* Path Variable for delete one data

**Response Structure**

* HTTP STATUS OK (200)

# **SPESIFIKASI ENDPOINT SCHEDULE**

## **Get All Schedule**

**Endpoint Description**

Service berikut ini digunakan untuk mengambil keseluruhan jadwal film yang ada di database

**General Information**

| HTTP Method | GET |
| --- | --- |
| Path | /schedules |
| Tipe Format | JSON |
| Authentication | - |

**Header Structure**

| Key | Value |
| --- | --- |
| Content Type | Application/JSON |
| Transfer-Encoding | Chunked |
| Date | Fri, 24 Jun 2022 12:47:04 GMT |
| Keep Alive | timeout=60 |
| Connection | keep alive |

**Request Structure**

* Structure is Not Available if fetching all data
* Path Variable if fetching one data

**Response Structure**

**JSON**

{

"scheduleId": 1,

"films": {

"filmCode": 34285,

"seatId": {

"seatId": 1,

"studioName": "Studio A",

"nomorKursi": 1,

"barisKursi": "A",

"isAvailable": true,

"createdAt": "2022-06-24T09:34:27",

"updatedAt": null

},

"filmName": "Blood and Sand",

"isPlaying": false,

"createdAt": "2022-06-24T09:34:27",

"updatedAt": null

},

"tanggalTayang": "2021-12-29",

"jamMulai": "12:00:00",

"jamSelesai": "14:55:00",

"hargaTiket": 29472,

"createdAt": "2022-06-24T09:34:27",

"updatedAt": null

}

| **Field** | **Data Type** | **Mandatory** | **Length** | **Description** | **Example** |
| --- | --- | --- | --- | --- | --- |
| scheduleId | Integer | - | - | Nomor jadwal | 1 |
| filmsCode | Integer | - | 5 | Kode film yang merepresentasikan film itu sendiri | 44532 |
| seatId | Integer | - | - | Primary Key dari kursi | 3 |
| studioName | String | - | 50 | Nama Studio | Studio B |
| nomorKursi | Integer | - | - | Nomor Kursi | 1 |
| barisKursi | Character | - | 1 | Baris Kursi | A |
| isAvailable | Boolean | - | - | Status kursi tersedia | true |
| createdAt | DateTime | - | - | Waktu pertama kali data kursi diinputkan | 2022-06-24T09:34:27 |
| updatedAt | DateTime | - | - | Waktu terakhir data kursi diupdate | 2022-06-24T09:34:27 |
| filmName | String | - | 100 | Judul Film | Avengers: Civil War |
| isPlaying | Boolean | - | 1 | Status film tayang | true |
| createdAt | DateTime | - | - | Waktu pertama kali data film diinputkan | 2022-06-24T09:34:27 |
| updatedAt | DateTime | - | - | Waktu terakhir data film diupdate | 2022-06-24T09:34:27 |
| tanggalTayang | Date | - | - | Tanggal film ditayangkan | 2021-12-29 |
| jamMulai | Time | - | - | Jam film dimulai | 12:00:00 |
| jamSelesai | Time | - | - | Jam film selesai | 13:00:00 |
| hargaTiket | Double | - | - | Harga Tiket | 29000 |
| createdAt | DateTime | - | - | Waktu pertama kali data jadwal diinputkan | 2022-06-24T09:34:27 |
| updatedAt | DateTime | - | - | Waktu terakhir kali data jadwal diupdate | 2022-06-24T09:34:27 |

## **Get Schedule By Id**

**Endpoint Description**

Service berikut ini digunakan untuk mengambil salah satu jadwal film yang ada di database

**General Information**

| HTTP Method | GET |
| --- | --- |
| Path | /schedule/{id} |
| Tipe Format | JSON |
| Authentication | - |

**Header Structure**

| Key | Value |
| --- | --- |
| Content Type | Application/JSON |
| Transfer-Encoding | Chunked |
| Date | Fri, 24 Jun 2022 12:47:04 GMT |
| Keep Alive | timeout=60 |
| Connection | keep alive |

**Request Structure**

* Path Variable

**Response Structure**

**JSON**

{

"scheduleId": 53,

"films": {

"filmCode": 34285,

"seatId": {

"seatId": 1,

"studioName": "Studio A",

"nomorKursi": 1,

"barisKursi": "A",

"isAvailable": true,

"createdAt": "2022-06-24T09:34:27",

"updatedAt": null

},

"filmName": "Blood and Sand",

"isPlaying": false,

"createdAt": "2022-06-24T09:34:27",

"updatedAt": null

},

"tanggalTayang": "2022-06-25",

"jamMulai": "16:00:00",

"jamSelesai": "17:00:00",

"hargaTiket": 700,

"createdAt": "2022-06-24T09:34:27",

"updatedAt": "2022-06-25T12:58:05"

}

| **Field** | **Data Type** | **Mandatory** | **Length** | **Description** | **Example** |
| --- | --- | --- | --- | --- | --- |
| scheduleId | Integer | - | - | Nomor jadwal | 53 |
| filmsCode | Integer | - | 5 | Kode film yang merepresentasikan film itu sendiri | 34285 |
| seatId | Integer | - | - | Primary Key dari kursi | 1 |
| studioName | String | - | 50 | Nama Studio | Studio A |
| nomorKursi | Integer | - | - | Nomor Kursi | 1 |
| barisKursi | Character | - | 1 | Baris Kursi | A |
| isAvailable | Boolean | - | - | Status kursi tersedia | true |
| createdAt | DateTime | - | - | Waktu pertama kali data kursi diinputkan | 2022-06-24T09:34:27 |
| updatedAt | DateTime | - | - | Waktu terakhir data kursi diupdate (jika tidak ada update terakhir akan terisi null) | null |
| filmName | String | - | 100 | Judul Film | Blood and Sand |
| isPlaying | Boolean | - | 1 | Status film tayang | true |
| createdAt | DateTime | - | - | Waktu pertama kali data film diinputkan | 2022-06-24T09:34:27 |
| updatedAt | DateTime | - | - | Waktu terakhir data film diupdate (jika tidak ada update terakhir akan terisi null) | null |
| tanggalTayang | Date | - | - | Tanggal film ditayangkan | 2022-06-25 |
| jamMulai | Time | - | - | Jam film dimulai | 16:00:00 |
| jamSelesai | Time | - | - | Jam film selesai | 17:00:00 |
| hargaTiket | Double | - | - | Harga Tiket | 700 |
| createdAt | DateTime | - | - | Waktu pertama kali data jadwal diinputkan | 2022-06-24T09:34:27 |
| updatedAt | DateTime | - | - | Waktu terakhir kali data jadwal diupdate | 2022-06-25T12:58:05 |

## **Create new Schedule**

**Endpoint Description**

Service berikut ini digunakan untuk membuat jadwal film yang baru

**General Information**

| HTTP Method | GET |
| --- | --- |
| Path | /schedule |
| Tipe Format | JSON |
| Authentication | - |

**Header Structure**

| Key | Value |
| --- | --- |
| Content Type | Application/JSON |
| Transfer-Encoding | Chunked |
| Date | Fri, 24 Jun 2022 12:47:04 GMT |
| Keep Alive | timeout=60 |
| Connection | keep alive |

**Request Structure**

**JSON**

{

"films": {

"filmCode": 34285

},

"tanggalTayang": "2021-12-29",

"jamMulai": "12:00:00",

"jamSelesai": "13:00:00",

"hargaTiket": 29000

}

| **Field** | **Data Type** | **Mandatory** | **Length** | **Description** | **Example** |
| --- | --- | --- | --- | --- | --- |
| filmsCode | Integer | - | 5 | Kode film yang merepresentasikan film | 34285 |
| tanggalTayang | Date | - | - | Tanggal film ditayangkan | 2021-12-29 |
| jamMulai | Time | - | - | Jam film dimulai | 12:00:00 |
| jamSelesai | Time | - | - | Jam film selesai | 13:00:00 |
| hargaTiket | Double | - | - | Harga Tiket | 29000 |

**Response Structure**

**JSON**

{

"scheduleId": 53,

"filmsCode": 34285,

"tanggalTayang": "2021-12-29",

"jamMulai": "16:00:00",

"jamSelesai": "17:00:00",

"hargaTiket": 29000,

"createdAt": “2022-06-24T09:34:27”,

"updatedAt": “2022-06-24T09:34:27”

}

| **Field** | **Data Type** | **Mandatory** | **Length** | **Description** | **Example** |
| --- | --- | --- | --- | --- | --- |
| scheduleId | Integer | - | - | Id Jadwal yang telah dibuat | 54 |
| filmsCode | Integer | - | 5 | Kode film yang merepresentasikan film | 34285 |
| tanggalTayang | Date | - | - | Tanggal film ditayangkan | 2021-12-29 |
| jamMulai | Time | - | - | Jam film dimulai | 16:00:00 |
| jamSelesai | Time | - | - | Jam film selesai | 17:00:00 |
| hargaTiket | Double | - | - | Harga Tiket | 29000 |
| createdAt | DateTime | - | - | Waktu pertama kali data jadwal diinputkan | 2022-06-24T09:34:27 |
| updatedAt | DateTime | - | - | Waktu terakhir kali data jadwal diupdate | 2022-06-24T09:34:27 |

## **Update Schedule by Id**

**Endpoint Description**

Service berikut ini digunakan untuk memperbaharui jadwal film yang telah dibuat sebelumnya berdasarkan Id Path Variable pada Endpoint.

**General Information**

| HTTP Method | GET |
| --- | --- |
| Path | /schedule/{id} |
| Tipe Format | JSON |
| Authentication | - |

**Header Structure**

| Key | Value |
| --- | --- |
| Content Type | Application/JSON |
| Transfer-Encoding | Chunked |
| Date | Fri, 24 Jun 2022 12:47:04 GMT |
| Keep Alive | timeout=60 |
| Connection | keep alive |

**Request Structure**

* **Path Variable**
* **JSON**

{

"films": {

"filmCode": 34285

},

"tanggalTayang": "2021-12-29",

"jamMulai": "12:00:00",

"jamSelesai": "13:00:00",

"hargaTiket": 29000

}

| **Field** | **Data Type** | **Mandatory** | **Length** | **Description** | **Example** |
| --- | --- | --- | --- | --- | --- |
| filmsCode | Integer | - | 5 | Kode film yang merepresentasikan film | 34285 |
| tanggalTayang | Date | - | - | Tanggal film ditayangkan | 2021-12-29 |
| jamMulai | Time | - | - | Jam film dimulai | 12:00:00 |
| jamSelesai | Time | - | - | Jam film selesai | 13:00:00 |
| hargaTiket | Double | - | - | Harga Tiket | 29000 |

**Response Structure**

**JSON**

{

"scheduleId": 59,

"films": {

"filmCode": 34285,

"seatId": {

"seatId": 1,

"studioName": "Studio A",

"nomorKursi": 1,

"barisKursi": "A",

"isAvailable": true,

"createdAt": "2022-06-24T09:34:27",

"updatedAt": null

},

"filmName": "Blood and Sand",

"isPlaying": false,

"createdAt": "2022-06-24T09:34:27",

"updatedAt": null

},

"tanggalTayang": "2021-12-29",

"jamMulai": "12:00:00",

"jamSelesai": "13:00:00",

"hargaTiket": 29000,

"createdAt": null,

"updatedAt": "2022-06-25T13:22:57.8046154"

}

| **Field** | **Data Type** | **Mandatory** | **Length** | **Description** | **Example** |
| --- | --- | --- | --- | --- | --- |
| scheduleId | Integer | - | - | Nomor jadwal | 59 |
| filmsCode | Integer | - | 5 | Kode film yang merepresentasikan film itu sendiri | 34285 |
| seatId | Integer | - | - | Primary Key dari kursi | 1 |
| studioName | String | - | 50 | Nama Studio | Studio A |
| nomorKursi | Integer | - | - | Nomor Kursi | 1 |
| barisKursi | Character | - | 1 | Baris Kursi | A |
| isAvailable | Boolean | - | - | Status kursi tersedia | true |
| createdAt | DateTime | - | - | Waktu pertama kali data kursi diinputkan | 2022-06-24T09:34:27 |
| updatedAt | DateTime | - | - | Waktu terakhir data kursi diupdate (jika tidak ada update terakhir akan terisi null) | null |
| filmName | String | - | 100 | Judul Film | Blood and Sand |
| isPlaying | Boolean | - | 1 | Status film tayang | true |
| createdAt | DateTime | - | - | Waktu pertama kali data film diinputkan | 2022-06-24T09:34:27 |
| updatedAt | DateTime | - | - | Waktu terakhir data film diupdate (jika tidak ada update terakhir akan terisi null) | null |
| tanggalTayang | Date | - | - | Tanggal film ditayangkan | 2022-06-25 |
| jamMulai | Time | - | - | Jam film dimulai | 16:00:00 |
| jamSelesai | Time | - | - | Jam film selesai | 17:00:00 |
| hargaTiket | Double | - | - | Harga Tiket | 700 |
| createdAt | DateTime | - | - | Waktu pertama kali data jadwal diinputkan (jika tidak ada perubahan data akan terisi null) | null |
| updatedAt | DateTime | - | - | Waktu terakhir kali data jadwal diupdate | 2022-06-25T13:22:57 |

## **Get Schedule by Film Name**

**Endpoint Description**

Service berikut ini digunakan untuk mendapatkan jadwal film yang telah dibuat sebelumnya berdasarkan Film Name.

**General Information**

| HTTP Method | POST |
| --- | --- |
| Path | /schedule/filmname |
| Tipe Format | JSON |
| Authentication | - |

**Header Structure**

| Key | Value |
| --- | --- |
| Content Type | Application/JSON |
| Transfer-Encoding | Chunked |
| Date | Fri, 24 Jun 2022 12:47:04 GMT |
| Keep Alive | timeout=60 |
| Connection | keep alive |

**Request Structure**

* **Path Variable**
* **JSON**

{

"films": {

"filmName": "Blood and Sand"

}

}

| **Field** | **Data Type** | **Mandatory** | **Length** | **Description** | **Example** |
| --- | --- | --- | --- | --- | --- |
| filmsName | String | - | 100 | Judul Film | Blood and Sand |

**Response Structure**

**JSON**

{

"scheduleId": 59,

"films": {

"filmCode": 34285,

"seatId": {

"seatId": 1,

"studioName": "Studio A",

"nomorKursi": 1,

"barisKursi": "A",

"isAvailable": true,

"createdAt": "2022-06-24T09:34:27",

"updatedAt": null

},

"filmName": "Blood and Sand",

"isPlaying": false,

"createdAt": "2022-06-24T09:34:27",

"updatedAt": null

},

"tanggalTayang": "2021-12-29",

"jamMulai": "12:00:00",

"jamSelesai": "13:00:00",

"hargaTiket": 29000,

"createdAt": null,

"updatedAt": "2022-06-25T13:22:57.8046154"

}

| **Field** | **Data Type** | **Mandatory** | **Length** | **Description** | **Example** |
| --- | --- | --- | --- | --- | --- |
| scheduleId | Integer | - | - | Nomor jadwal | 59 |
| filmsCode | Integer | - | 5 | Kode film yang merepresentasikan film itu sendiri | 34285 |
| seatId | Integer | - | - | Primary Key dari kursi | 1 |
| studioName | String | - | 50 | Nama Studio | Studio A |
| nomorKursi | Integer | - | - | Nomor Kursi | 1 |
| barisKursi | Character | - | 1 | Baris Kursi | A |
| isAvailable | Boolean | - | - | Status kursi tersedia | true |
| createdAt | DateTime | - | - | Waktu pertama kali data kursi diinputkan | 2022-06-24T09:34:27 |
| updatedAt | DateTime | - | - | Waktu terakhir data kursi diupdate (jika tidak ada update terakhir akan terisi null) | null |
| filmName | String | - | 100 | Judul Film | Blood and Sand |
| isPlaying | Boolean | - | 1 | Status film tayang | true |
| createdAt | DateTime | - | - | Waktu pertama kali data film diinputkan | 2022-06-24T09:34:27 |
| updatedAt | DateTime | - | - | Waktu terakhir data film diupdate (jika tidak ada update terakhir akan terisi null) | null |
| tanggalTayang | Date | - | - | Tanggal film ditayangkan | 2022-06-25 |
| jamMulai | Time | - | - | Jam film dimulai | 16:00:00 |
| jamSelesai | Time | - | - | Jam film selesai | 17:00:00 |
| hargaTiket | Double | - | - | Harga Tiket | 700 |
| createdAt | DateTime | - | - | Waktu pertama kali data jadwal diinputkan (jika tidak ada perubahan data akan terisi null) | null |
| updatedAt | DateTime | - | - | Waktu terakhir kali data jadwal diupdate | 2022-06-25T13:22:57 |

## **Delete Schedule by Id**

**Endpoint Description**

Service berikut ini digunakan untuk menghapus secara *hard-delet* jadwal film yang telah dibuat sebelumnya berdasarkan Id Path Variable pada Endpoint.

**General Information**

| HTTP Method | GET |
| --- | --- |
| Path | /schedule/{id} |
| Tipe Format | JSON |
| Authentication | - |

**Header Structure**

| Key | Value |
| --- | --- |
| Content Type | Application/JSON |
| Transfer-Encoding | Chunked |
| Date | Fri, 24 Jun 2022 12:47:04 GMT |
| Keep Alive | timeout=60 |
| Connection | keep alive |

**Request Structure**

* Path Variable for delete one data

**Response Structure**

* HTTP STATUS OK (200)