# Table Reference

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| bookingsTBL | | | |
| **Description:** The bookingsTBL will hold details about bookings. | | | |
| **Field name** | **Data Type** | **Description** | **Notes** |
| **BOOKING\_ID** | INT | Unique ID number for a booking. | PRIMARY KEY. Starts at one increments by one. |
| **CUSTOMER\_ID** | INT | ID number for a customer. | Required field. FOREIGN KEY CONSTRAINT FK\_CustomerID REFERENCES customersTBL  ( CUSTOMER\_ID ) |
| **PERFORMANCE\_ID** | INT | ID number for a performance. | Required field. FOREIGN KEY CONSTRAINT FK\_PerformanceID REFERENCES performanceTBL  ( PERFORMANCE\_ID ) |
| **NO\_OF\_TICKETS** | SMALLINT | The number of tickets being booked for the customer. | Required field. CONSTRAINT CHK\_Tickets CHECK ( NO\_OF\_TICKETS > 0 ) |

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| customersTBL | | | |
| **Description:** customersTBL will hold details about customers. | | | |
| **Field name** | **Data Type** | **Description** | **Notes** |
| **CUSTOMER\_ID** | INT | Unique ID number for a customer record. | PRIMARY KEY. Starts at one increments by one. |
| **FIRSTNAME** | VARCHAR(35) | Customer's first name. | Required field. |
| **LASTNAME** | VARCHAR(35) | Customer's surname. | Required field. |
| **ADDRESSLINE1** | VARCHAR(50) | Customer's address(line 1). |  |
| **ADDRESSLINE2** | VARCHAR(50) | Customer's address(line 2). |  |
| **POSTCODE** | VARCHAR(10) | Customer's postcode. |  |
| **EMAIL** | VARCHAR(50) | Customer's email address. |  |
| **PHONE\_NO** | VARCHAR(15) | Customer's phone number. |  |

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| filmsTBL | | | |
| **Description:** filmsTBL will hold details about films. | | | |
| **Field name** | **Data Type** | **Description** | **Notes** |
| **FILM\_ID** | INT | Unique ID number for a film. | PRIMARY KEY. Starts at one increments by one. |
| **TITLE** | VARCHAR(100) | Title of a film. | Required field. |
| **GENRE** | VARCHAR(25) | Genre of a film. |  |
| **DURATION** | TIME | Duration of a film in Hours, Minutes & Seconds. | Required field. |
| **ACTORSURNAME** | VARCHAR(35) | The lead actor's surname. |  |
| **ACTORFORENAME** | VARCHAR(35) | The lead actor's first name. |  |
| **ACTRESSSURNAME** | VARCHAR(35) | The lead actress's surname. |  |
| **ACTRESSFORENAME** | VARCHAR(35) | The lead actress's first name. |  |
| **DIRECTORSURNAME** | VARCHAR(35) | The lead director's surname. |  |
| **DIRECTORFORENAME** | VARCHAR(35) | The lead director's first name. |  |

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| performanceTBL | | | |
| **Description:** performanceTBL will hold details about scheduled performances. | | | |
| **Field name** | **Data Type** | **Description** | **Notes** |
| **PERFORMANCE\_ID** | INT | Unique ID number for a film performance | PRIMARY KEY. Starts at one increments by one. |
| **FILM\_ID** | INT | ID number for a film. | Required field. FOREIGN KEY CONSTRAINT FK\_FilmID REFERENCES filmsTBL  ( FILM\_ID ) |
| **SCREEN\_NO** | INT | The number of the screen where the performance will take place. | Required field. |
| **PERFORMANCE\_DATE** | DATE | The date that the performance is taking place on. | Stored in format YYYY-MM-DD |
| **START\_TIME** | TIME | The time that the performance is scheduled to start. | Stored in format hh:mm:ss |
| **END\_TIME** | TIME | The time that the performance is scheduled to finish. | Stored in format hh:mm:ss |
| **PRICE** | MONEY | The cost of the performance in Pounds and Pence. | CONSTRAINT CHK\_Price  CHECK ( PRICE > 0 ) |
| **IN\_3D** | BIT | Whether or not the film is in 3D. | 1 if the film is in 3D, otherwise 0. |

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| screenTBL | | | |
| **Description:** screenTBL will hold details about the cinema’s screening rooms. | | | |
| **Field name** | **Data Type** | **Description** | **Notes** |
| **SCREEN\_NO** | INT | Unique ID number for a screening room. | PRIMARY KEY. Starts at one increments by one. |
| **CAPACITY** | SMALLINT | The seating capacity of the screening room. | CONSTRAINT CHK\_Capacity CHECK  ( CAPACITY > 0   AND CAPACITY < 500 ) |
| **HAS\_DISABLED\_ACCESS** | BIT | 1 if the room has access for wheelchairs, otherwise 0. |  |
| **HAS\_HEARING\_LOOP** | BIT | 1 if the room has a hearing loop for the deaf, otherwise 0. |  |