**Data Dictionary for MICE GP3**

|  |  |
| --- | --- |
| **Tables:** | |
| * Booking | * Cinema |
| * Film | * Member |
| * Performance | * Screen |

|  |  |  |  |
| --- | --- | --- | --- |
| Booking | | | |
| Column | **Type** | **Null** | **Comments** |
| bookingNo | int(4) | No | Primary Key, AI |
| memberNo | int(4) | No | Foreign Key |
| seatsRequired | int(3) | No |  |
| bookingDate | date | No |  |
| perfNo | int(4) | No | Foreign Key |
| totalPrice | decimal(5,2) | No |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Cinema | | | |
| Column | **Type** | **Null** | **Comments** |
| cinemaNo | int(2) | No | Primary Key |
| cinemaName | varchar(30) | No |  |
| address | varchar(50) | No |  |
| location | varchar(20) | No |  |
| managerName | varchar(30) | No |  |
| noOfScreens | int(2) | No |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Film | | | |
| Column | **Type** | **Null** | **Comments** |
| filmNo | int(4) | No | Primary Key |
| filmTitle | varchar(100) | No |  |
| director | varchar(50) | No |  |
| releaseYear | year(4) | No |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Member | | | |
| Column | **Type** | **Null** | **Comments** |
| memberNo | int(4) | No | Primary Key  0000-9500 reserved for members; 9501-9999 reserved for staff/directors. |
| title | enum('Mr', 'Ms', 'Miss', 'Dr') | No |  |
| memberName | varchar(50) | No |  |
| dateJoined | date | No |  |
| memberStat | enum('Active', 'Lapsed', 'Cancelled') | No | Default: ‘Active’ |
| password | varchar(50) | No |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Performance | | | |
| Column | **Type** | **Null** | **Comments** |
| perfNo | int(4) | No | Primary Key, AI |
| screenNo | int(2) | No | Foreign Key |
| cinemaNo | int(2) | No | Foreign Key |
| filmNo | int(4) | No | Foreign Key |
| perfDate | date | No |  |
| startTime | time | No |  |
| seatsRemain | int(3) | No |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Screen | | | |
| Column | **Type** | **Null** | **Comments** |
| screenNo | int(2) | No | Primary Key |
| cinemaNo | int(2) | No | Primary Key, Foreign Key |
| numberOfSeats | int(3) | No |  |
| price | decimal(5,2) | No |  |