#### **Admin**

| **Column Name** | **Data Type** | **Constraints** |
| --- | --- | --- |
| AdminID | INT | Primary Key, Auto-Increment |
| Name | VARCHAR(255) | NOT NULL |
| Email | VARCHAR(255) | NOT NULL, UNIQUE |
| Password | VARCHAR(255) | NOT NULL |
| PhoneNumber | VARCHAR(15) | NOT NULL, UNIQUE |

#### **User**

| **Column Name** | **Data Type** | **Constraints** |
| --- | --- | --- |
| UserID | INT | Primary Key, Auto-Increment |
| Name | VARCHAR(255) | NOT NULL |
| Email | VARCHAR(255) | NOT NULL, UNIQUE |
| Password | VARCHAR(255) | NOT NULL |
| PhoneNumber | VARCHAR(15) | NOT NULL, UNIQUE |

#### **LoyaltyCard**

| **Column Name** | **Data Type** | **Constraints** |
| --- | --- | --- |
| CardID | INT | Primary Key, Auto-Increment |
| SerialNumber | VARCHAR(255) | NOT NULL, UNIQUE |
| ExpireDate | DATE | NOT NULL |
| UserID | INT | Foreign Key (references User.UserID), NULLABLE |

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#### **Event**

| **Column Name** | **Data Type** | **Constraints** |
| --- | --- | --- |
| EventID | INT | Primary Key, Auto-Increment |
| Name | VARCHAR(255) | NOT NULL |
| DateTime | DATETIME | NOT NULL |
| Location | VARCHAR(255) | NOT NULL |
| TicketPrice | DECIMAL | NOT NULL |
| SaleStartDateTime | DATETIME | NOT NULL |
| Description | TEXT | NOT NULL |
| Duration | INT | NOT NULL |
| IsCancelled | BOOLEAN | Default: FALSE |

#### **Booking**

| **Column Name** | **Data Type** | **Constraints** |
| --- | --- | --- |
| BookingID | INT | Primary Key, Auto-Increment |
| SeatsArray | ARRAY | NOT NULL |
| UserID | INT | Foreign Key (references User.UserID), NOT NULL |
| EventID | INT | Foreign Key (references Event.EventID), NOT NULL |
| IsCancelled | BOOLEAN | Default: FALSE |