|  |  |  |  |
| --- | --- | --- | --- |
| Hotel | | | |
| hotelID | PK | INT | NOT NULL |
| Name |  | VARCHAR | NOT NULL |
| Address |  | VARCHAR | NOT NULL |
| Description |  | VARCHAR | NULL |
| cityID | FK | INT | NOT NULL |
| Stars |  | DECIMAL | NOT NULL |

|  |  |  |  |
| --- | --- | --- | --- |
| Country | | | |
| CountryID | PK | INT | NOT NULL |
| Name |  | VARCHAR | NOT NULL |

|  |  |  |  |
| --- | --- | --- | --- |
| City | | | |
| CityID | PK | INT | NOT NULL |
| Name |  | VARCHAR | NOT NULL |
| CountryID | FK | INT | NOT NULL |

|  |  |  |  |
| --- | --- | --- | --- |
| HotelRoom | | | |
| ID | PK | INT | NOT NULL |
| HotelID | FK | INT | NOT NULL |
| RoomID | FK | INT | NOT NULL |

|  |  |  |  |
| --- | --- | --- | --- |
| Room | | | |
| roomID | PK | INT | NOT NULL |
| Number |  | INT | NOT NULL |
| Sleeps |  | INT | NOT NULL |
| Price |  | DECIMAL | NOT NULL |
| Type |  | VARCHAR | NOT NULL |
| Status |  | ENUM(OCUPPIED / NOT OCUPPIED) | DEFAULT ‘NOT OCUPPIED’ |

|  |  |  |  |
| --- | --- | --- | --- |
| User | | | |
| UserID | PK | INT | NOT NULL |
| Username |  | VARCHAR | NOT NULL |
| Password |  | VARCHAR | NOT NULL |
| Email |  | VARCHAR | NOT NULL |
| FirstName |  | VARCHAR | NOT NULL |
| LastName |  | VARCHAR | NOT NULL |
| Phone |  | INT | NULL |
| countryID | FK | INT | NOT NULL |

|  |  |  |  |
| --- | --- | --- | --- |
| RoomReservation | | | |
| ID | PK | INT | NOT NULL |
| ReservationID | FK | INT | NOT NULL |
| RoomID | FK | INT | NOT NULL |

|  |  |  |  |
| --- | --- | --- | --- |
| Reservation | | | |
| ReservationID | PK | INT | NOT NULL |
| Price |  | DECIMAL | NOT NULL |
| PurchaseDate |  | DATETIME | NOT NULL |
| CheckInDate |  | DATETIME | NOT NULL |
| CheckOutDate |  | DATETIME | NOT NULL |
| Amount |  | INT | DEFAULT 1 |
| userID | FK | INT | NOT NULL |

|  |  |  |  |
| --- | --- | --- | --- |
| HotelComment | | | |
| ID | PK | INT | NOT NULL |
| HotelID | FK | INT | NOT NULL |
| commentID | FK | INT | NOT NULL |

|  |  |  |  |
| --- | --- | --- | --- |
| Comment | | | |
| commentID | PK | INT | NOT NULL |
| userID | FK | INT | NOT NULL |
| Comment |  | VARCHAR | NULL |
| Rating |  | DECIMAL | NOT NULL |