|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **PREFERENCES** |  |  |  |  |  |  |  |  |  |  |  |
|  | **Preferences** | **CID** |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **CUSTOMER** |  |  |  |  |  |  |  |  |  |  |  |  |
| **CustomerID** | FirstName | Middle | Surname | StreetAddress | City | Zipcode | PhoneNo | DoB | Gender | E-Mail | IsMember | Preferred-CC-No |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **RESERVATION** | | | |  |  |  | |  | |  |  | |
| **Reservation Number** | | ReservationCancellationDate | | Customer ID | TypeID | | ReservationDate | | CheckInDate | CheckOutDate | | EstimatedPrice |
| DiscountRate | NumberOfAdults | | NumberOfChildren |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **RESERVATION-HISTORY** | | |  |  | | | | |  |
| **ReservationNumber** | | CustomerID | RoomType | ReservationDate | | | CheckInDate | EstimatedCheckOutDate | ActualCheckOutDate |
| RoomNo | MinibarConsumption | | PhoneUsageFee | | TotalFee | NumberOfChildren | | NumberOfAdults |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ROOM** |  |  |  |  |  |
| **RoomNumber** | TypeID | Floor | BedCapacity | IsSmokingRoom | IsAvailable |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ROOM-TYPE** |  |  |  | LOGICAL DATA MODEL FOR  HOTEL MANAGEMENT SYSTEM |
| **TypeID** | Description | Quantity | DailyPrice | CustomerCapacity |

|  |  |  |
| --- | --- | --- |
| **AVAILABILITY** |  |  |
| **TypeID** | **Date** | NumberOfAvailableRooms |