* **Database Design:**

**1] Login**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Default** | **Description** |
| uid | Integer | No | Primary key | Null | User ID |
| uname | Varchar(45) | No |  | Null | User Name |
| password | Varchar(45) | No |  | Null | User Password |
| email | Varchar(45) | No |  | Null | Email ID Of user |
| rid | Integer | No |  | Null | Account type id |
| contactNo | Integer | No |  | Null | Contact No. Of user |
| address | Varchar(100) | No |  | Null | Permanent Address |

**2] Tbl\_Admin**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Default** | **Description** |
| Aid | Integer | No | Primary key | Null | Admin ID |
| name | Varchar(45) | No |  | Null | Admin Name |
| password | Varchar(45) | No |  | Null | Admin Password |
| userId | Integer | No | Foreign key | Null | Admin userid |
| ContactNo | Integer | No |  | Null | Contact Number Of Admin |
| Address | Varchar(100) | No |  | Null | Permanent Address |
| oid | Integer | No | Foreign key | Null | reference to Owner(oid) |

**3] Tbl\_Owner**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Default** | **Description** |
| oid | Integer | No | Primary key | Null | Owner ID |
| name | Varchar(45) | No |  | Null | Owner Name |
| password | Varchar(45) | No |  | Null | Product Price |
| userid | Integer | No | Foreign key | Null | Reference to login(userid) |

**4] Tbl\_customer**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Default** | **Description** |
| custid | Integer | No | Primary key | Null | Customer id |
| name | Varchar(30) | No |  | Null | Customer name |
| email | Varchar(45) | No |  | Null | Customer email |
| address | Varchar(50) | No |  | Null | Customer address |
| contactNo | Integer | No |  | Null | Customer contact no |
| userid | Integer | No | Foreign key | Null | reference to login(userid) |

**5] Tbl\_role**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Default** | **Description** |
| rid | Integer | No | Primary key | Null | User roll id |
| name | Varchar(10) | No |  | Null | User type |

**6]Ground**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Default** | **Description** |
| grid | Integer | No | Primary key | Null | Ground ID |
| name | DateTime | No |  | Null | Ground name |
| city | Integer | No |  | Null | Ground city |
| location | Integer | No |  | Null | Ground location |
| sportsid | Integer | No | Foreign key | Null | reference to Sports(sid) |
| oid | Integer | No | Foreign key | Null | reference to Owner(oid) |

7]**Booking**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Default** | **Description** |
| bid | Integer | No | Primary key | Null | Booking id |
| Date | DateTime | No |  | Null | Booking date |
| timeslot | Varchar(10) | No |  | Null | Booking time |
| custid | Integer | No | Foreign key | Null | Reference to Customer(custid) |
| grid | Integer | No | Foreign key | Null | reference to Ground(grid) |
| sid | Integer | No | Foreign key | Null | reference to Sports(sid) |

8] Tbl\_Sports

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Default** | **Description** |
| sid | Integer | No | Primary Key | Null | Sports id |
| name | Varchar(20) | No |  | Null | Sports name |

**9] Tbl\_Payment**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Field** | **Type** | **Null** | **Key** | **Default** | **Description** |
| tid | Integer | No | Primary key | Null | Transaction ID |
| SenderAccNo | Integer | No |  | Null | Sender Account Number |
| ReceiverAccNo | Integer | No |  | Null | Receiver Account Number |
| Amount | Double | No |  | Null | Amount To Be Transfer |
| DateTime | DateTime | No |  | Null | Date and Time OF Transaction |
| bookingid | Integer | No | Foreign key | Null | References to Booking (bid) |