|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TABLE: **User** | | | | |
| **Field Name** | **Data Type** | **Field Length** | **Constraint** | **Description** |
| email | INT |  | Primary Key | Email Address |
| firstName | VARCHAR | 45 | Not Null | First Name |
| midName | VARCHAR | 45 | Not Null | Middle Name |
| lastName | VARCHAR | 45 | Not Null | Last Name |
| address | VARCHAR | 45 | Not Null | Address |
| city | VARCHAR | 2 | Not Null | City |
| sex | VARCHAR | 6 | Not Null | Sex |
| age | INT | 2 | Not Null | Age |
| birthdate | DATE |  | Not Null | Birth Date |
| mobileNumber | VARCHAR | 13 | Not Null | Mobile Number |
| password | VARCHAR | 45 | Not Null | Password |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TABLE: **Vehicle Owner** | | | | |
| **Field Name** | **Data Type** | **Field Length** | **Constraint** | **Description** |
| User\_email | VARCHAR | 45 | Primary Key, Foreign Key | Email Address |
| license\_num | VARCHAR | 45 | Not Null | License Number |
| license\_expiry | DATE |  | Not Null | License Expiry |
| orcr\_copy | BLOB |  | Not Null | Photocopy of OR/CR |
| nbiClearance\_copy | BLOB |  | Not Null | Photocopy of NBI Clearance |
| license\_copy | BLOB |  | Not Null | Photocopy of License |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TABLE: **Vehicle Renter** | | | | |
| **Field Name** | **Data Type** | **Field Length** | **Constraint** | **Description** |
| User\_email | VARCHAR | 45 | Primary Key, Foreign Key | Email Address |
| govt\_id | BLOB |  | Not Null | Valid Government ID |
| creditCard\_number | INT | 16 | Null | Credit Card Number |
| creditCard\_cvv | INT | 3 | Null | Credit Card CVV |
| creditCard\_expiry | DATE |  | Null | Credit Card Expiry |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TABLE: **Vehicle** | | | | |
| **Field Name** | **Data Type** | **Field Length** | **Constraint** | **Description** |
| id | INT |  | Primary Key | Vehicle ID, Auto-generated |
| plateNum | VARCHAR | 45 | Not Null | Vehicle Plate Number |
| make | VARCHAR | 45 | Not Null | Vehicle Make |
| model | VARCHAR | 45 | Not Null | Vehicle Model |
| year | YEAR |  | Not Null | Vehicle Year |
| color | VARCHAR | 15 | Not Null | Vehicle Color |
| seatingCapacity | INT | 2 | Not Null | Vehicle Seating Capacity |
| engineNumber | VARCHAR | 45 | Not Null | Vehicle Engine Number |
| chassisNumber | VARCHAR | 45 | Not Null | Vehicle Chassis Number |
| caseNumber | VARCHAR | 45 | Not Null | Franchise Case Number |
| Vehicle Type\_code | CHAR |  | Foreign Key | Vehicle Type ID |
| Vehicle Owner\_User\_email | VARCHAR | 45 | Foreign Key | Vehicle Owner E-mail Address |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TABLE: **Booking** | | | | |
| **Field Name** | **Data Type** | **Field Length** | **Constraint** | **Description** |
| id | INT | 11 | Primary Key | Booking ID, Auto-generated |
| destination | VARCHAR | 45 | Not Null | Destination |
| pickupLocation | VARCHAR | 45 | Not Null | Pickup Location |
| startDate | DATE | 45 | Not Null | Trip Start Date |
| endDate | DATE |  | Not Null | Trip End Date |
| startTime | TIME |  | Not Null | Trip Start Time |
| endTime | TIME |  | Not Null | Trip End Time |
| passengerNum | INT | 2 | Not Null | Number of Passengers |
| amount | DOUBLE | 11 | Not Null | Amount of Rental |
| bookingStatus | VARCHAR |  | Not Null | Booking Status |
| Vehicle\_id | INT |  | Foreign Key | Vehicle ID |
| Vehicle Renter\_User\_email | VARCHAR | 45 | Foreign Key | Vehicle Renter E-mail Address |
| Payment\_id | INT |  | Foreign Key | Payment ID |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TABLE: **Vehicle Type** | | | | |
| **Field Name** | **Data Type** | **Field Length** | **Constraint** | **Description** |
| Code | CHAR |  | Primary Key | Vehicle Type Code |
| typeName | VARCHAR | 15 | Not Null | Vehicle Type Name |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TABLE: **Payment** | | | | |
| **Field Name** | **Data Type** | **Field Length** | **Constraint** | **Description** |
| id | INT |  | Primary Key | Payment ID, Auto-generated |
| paymentAmount | DOUBLE |  | Not Null | Payment Amount |
| paymentStatus | VARCHAR | 15 | Not Null | Payment Status |
| datePaid | DATE |  | Null | Date Paid |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TABLE: **Reports** | | | | |
| **Field Name** | **Data Type** | **Field Length** | **Constraint** | **Description** |
| id | INT |  | Primary Key | Report ID, Auto-generated |
| reportName | VARCHAR | 45 | Not Null | Report Name |
| reportDescription | VARCHAR | 45 | Not Null | Report Description |
| Booking\_id | INT |  | Foreign Key | Booking ID |