CAB BOOKING & SERVICE:

TABLE DESIGN:

1. **tbl\_Users**

Primary key: **UserID**

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| **No:** | **Field name** | **Datatype (Size)** | **Key Constraints** | **Description of the field** |
| 1 | UserID | int | Primary Key | Unique id for user |
| 2 | Username | Varchar(30) | Not Null | User’s username |
| 3 | Email | Varchar(50) | Not Null | User’s email |
| 4 | Phone | int | Not Null | User’s ppphone |
| 5 | Gender | text | Not Null | Users’s Gender |
| 6 | Photo | img | Not Null | Users Image |
| 7 | Housename | Varchar(50) | Not Null | Users Housename |
| 8 | city | Varchar(50) | Not Null | Users city |
| 9 | place | Varchar(50) | Not Null | Users Place |
| 10 | state | Varchar(50) | Not Null | Users State |

1. **tbl\_Login**

Primary key: **Login\_id**

Foreign Key: **UserID** references **tbl\_Users**

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| **No:** | **Field name** | **Datatype (Size)** | **Key Constraints** | **Description of the field** |
| 1 | LoginID | int | Primary Key | Key for this table |
| 2 | Username | int | Foreign Key | Foreign Key to table users |
| 3 | password | Varchar(10) | Not Null | Password for the user |
| 4 | Roll Type | Varchar(10) | Not Null | Roll of the user |

**3 . tbl\_Vehicle**

Primary key: **Vehicle\_ID**

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| **No:** | **Field name** | **Datatype (Size)** | **Key Constraints** | **Description of the field** |
| 1 | Vehicle\_ID | int | Primary Key | Key for this table |
| 2 | Vehicleregno | Varchar(20) | Not Null | Vehicles Registeration No |
| 3 | Vehicle model | Varchar(20) | Not Null | Model |
| 4 | Engine Number | Int | Not Null | Engine Number |
| 5 | Total Seats | text | Not Null | No.of seats |
| 6 | Ac & Non-Ac | Text | Not Null | AC & NON\_AC |
| 7 | Vehicle Type | Text | Not Null | Car Category |
| 8 | Photo | Int | Not Null | Image of Vehicle |
| 9 | RC file | Int | Not Null | Image of Rc Book |

**4. tbl\_Driver:**

Primary key:**Driver\_id**

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| **No:** | **Field name** | **Datatype (Size)** | **Key Constraints** | **Description of the field** |
| 1 | Driver\_id | int | Primary Key | Key for this table |
| 2 | Drivers\_Name | Varchar(30) | Not Null | Name of the Driver |
| 3 | Email | Text | Not Null | Email\_id |
| 4 | Phone | Varchar(40) | Not Null | Phone number of Driver |
| 5 | Gender | text | Not Null | Gender |
| 6 | Housename | Varchar(40) | Not Null | Drivers Address |
| 7 | place | Varchar(40) | Not Null | To check if the author is publishing via publishers |
| 8 | city | Varchar(40) | Not Null | Drivers City |
| 9 | state | Varchar(40) | Not Null | Drivers State |
| 10 | Image | Image | Not Null | Drivers Image |

**5**. **tbl\_Booking**

Primary key: **Booking\_id**

Foreign Key: **Vehicle\_id** references **tbl\_Vehicle**, **UserID** references **tbl\_Users**

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| **No:** | **Field name** | **Datatype (Size)** | **Key Constraints** | **Description of the field** |
| 1 | Booking\_id | int | Primary Key | Key for this table |
| 2 | Vehicle\_id | int | Foreign Key | Foreign Key to table Vehicle |
| 3 | UserID | Int | Foreign Key | Foreign Key to the table User |
| 4 | Time | Int | Not Null | Time of booking |
| 5 | Pick | Text | Not Null | Pick up location |
| 6 | Drop | Datetime | Not Null | Dropoff location |
| 7 | Status | Varchar(50) | Not Null | Ride Status |
| 8 | Total\_Km | Varchar(50) | Not Null | Total Distance Travelled |

1. **tbl\_Car\_Assign :**

Primary key: **Car\_assignID**

Foreign Key: **Driver\_ID** references **tbl\_Driver, Vehicle\_ID** references **tbl\_Vehicle.**

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| **No:** | **Field name** | **Datatype (Size)** | **Key Constraints** | **Description of the field** |
| **1** | Car\_assignID | Int | Primary Key | Key for this table |
| 2 | Driver\_ID | int | Foreign Key | Foreign Key to table Driver |
| 3 | Vehicle\_ID | int | Foreign Key | Foreign Key to table Vehicle |

1. **tbl\_Complaint:**

Primary key: **Complaint\_id**

Foreign Key: **User\_ID** references **tbl\_User,**

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| **No:** | **Field name** | **Datatype (Size)** | **Key Constraints** | **Description of the field** |
| 1 | Complaint\_id | int | Primary Key | Key for this table |
| 2 | Complaint | Text | Not Null | Complaints By The user |
| 3 | User\_id | Varchar(50) | Foreign Key | Foreign Key to table users |
| 4 | Date | Time | Not Null | Date of complaint |
| 5 | Reply | Text | Not Null | Reply of the complaint |

**8.tbl\_vehicle service**

Primary key: service \_id

Foreign key: Car\_id

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| **No:** | **Field name** | **Datatype (Size)** | **Key Constraints** | **Description of the field** |
| 1 | Service\_id | int | Primary Key | Key for this table |
| 2 | Car\_id | int | Foreign key | Foreign Key to table Car |
| 3 | Service\_name | Varchar | Not null | Name of service |
| 4 | Amount | Decimal(10,2) | Not Null | Amount of Vehicle Parts |

**9.Tbl \_service request\_id**

Primary key: service request\_id

Foreign key:Driver\_id, car\_id

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| **No:** | **Field name** | **Datatype (Size)** | **Key Constraints** | **Description of the field** |
| 1 | Service request\_id | int | Primary Key | Key for this table |
| 2 | Driver\_id | Text | Foreign key | Foreign key to tbl driver |
| 3 | Car\_id | Text | Foreign key | Foreign key to tbl car |
| 4 | Service\_id | Text | Not Null | Foreign key to tbl service |
| 5 | Date | Date | Not null | Date of request |
| 6 | Time | Time | Not null | Time of request |

**10.tbl\_vehicle Parts\_Types**

Primary key: service types\_id

Foreign key:Vehicle\_id, Request\_id

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| **No:** | **Field name** | **Datatype (Size)** | **Key Constraints** | **Description of the field** |
| 1 | Parts\_id | int | Primary Key | Key for this table |
| 2 | Vehicle\_id | int | Foreign key | Foreign Key to table vehicle |
| 3 | Parts name | Varchar (100) | Not null | Name of the vehicle parts |
| 4 | Amount | Decimal(10,2) | Not Null | Amount of Vehicle Parts |

**11.tbl\_vehicle service\_details**

Primary key: service details \_id

Foreign key: Car\_id, Driver\_id

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| **No:** | **Field name** | **Datatype (Size)** | **Key Constraints** | **Description of the field** |
| 1 | Service details\_id | int | Primary Key | Key for this table |
| 2 | Driver id | int | Foreign key | Foreign key to tbl Driver |
| 3 | car\_id | int | Foreign key | Foreign key to tbl car |
| 4 | Service Time | Timestamp | Not Null | Total time taken for servicing vehicle |
| 5 | Date | Date | Not Null | Date of service |
| 6 | Time | Time | Not Null | Time of service |
| 5 | Amount | Decimal(10,2) | Not null | Total amount of the serivce |