# **Table Design**

**Table no: 1**

**Table name: tbl\_login**

**Primary key: user\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. No** | **Field name** | **Field type** | **Size** | **Constraints** | **Description** |
| 1. | user\_id | int | 10 | Primary key | User id |
| 2. | email | varchar | 30 | Not Null | E-mail |
| 3. | password | varchar | 100 | Not Null | Password |
| 4. | Designation\_id | int | 10 | Foreign Key | Designation type |
| 5. | status | int | 5 | Not Null | Status of user |

**Table no:2**

**Table name: tbl\_users**

**Foreign key: user\_id, place\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. No** | **Field name** | **Field type** | **Size** | **Constraints** | **Description** |
| 1. | user\_id | int | 10 | Foreign Key | User id |
| 2. | place\_id | int | 15 | Foreign key | Place id |
| 3. | first\_name | varchar | 15 | Not Null | First name |
| 4. | last\_name | varchar | 15 | Not Null | Last name |
| 5. | mobile | int | 15 | Not Null | Mobile Number |
| 6. | photo | varchar | 50 | Not null | Profile photo |

**Table No: 3**

**Table Name: tbl\_servicecenter**

**Primary key: licenceno**

**Foreign key: user\_id, place\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. no** | **Fieldname** | **Field type** | **Size** | **Constraints** | **Description** |
| 1 | licenceno | Varchar | 20 | Primary key | License number of service center |
| 2 | user\_id | int | 10 | Foreign Key | Login id |
| 3 | place\_id | int | 10 | Foreign key | Place id |
| 4 | brand\_id | int | 10 | Foreign key | Brand id |
| 5 | center\_name | varchar | 25 | Not Null | Center name |
| 6 | certificate | varchar | 30 | Not Null | License certificate |
| 7 | Photo | varchar | 50 | Not Null | Service center photo |
| 8 | mobile | int | 15 | Not Null | Mobile number |

**Table No: 4**

**Table Name: tbl\_district**

**Primary Key: district\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. no** | **Fieldname** | **Field type** | **Size** | **Constraints** | **Description** |
| 1. | district\_id | int | 10 | Primary key | District id |
| 2. | district | Varchar | 10 | Not Null | District name |

**Table No: 5**

**Table Name: tbl\_place**

**Primary Key: place\_id**

**Foreign key: district\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. no** | **Field name** | **Fieldtype** | **Size** | **Constraints** | **Description** |
| 1. | place\_id | int | 10 | Primary key | Place id |
| 2. | district\_id | int | 10 | Foreign key | District id |
| 3. | place | varchar | 25 | Not Null | Place name |

**Table No: 6**

**Table Name: tbl\_brand**

**Primary Key: brand\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. no** | **Field name** | **Field Type** | **Size** | **Constraints** | **Description** |
| 1. | brand\_id | int | 10 | Primary Key | Brand id |
| 2. | brand\_name | varchar | 10 | Primary key | Brand name |

**Table No:7**

**Table Name: tbl\_model**

**Primary Key: model\_id**

**Foreign Key: brand\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. no** | **Field name** | **Field type** | **Size** | **Constraints** | **Description** |
| 1. | model\_id | int | 10 | Primary key | Model id |
| 2. | brand\_id | int | 10 | Foreign key | Brand id |
| 3. | model\_name | varchar | 10 | Foreign key | Model name |

**Table No: 8**

**Table Name: tbl\_variant**

**Primary Key: variant\_id**

**Foreign Key: model\_id, fuel\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. no** | **Field name** | **Field Type** | **Size** | **Constraints** | **Description** |
| 1. | variant\_id | int | 10 | Primary Key | Variant id |
| 2. | model\_id | int | 10 | Foreign key | Model id |
| 3. | fuel\_id | int | 10 | Foreign key | Fuel id |
| 4. | variant\_name | varchar | 15 | Not Null | Variant |

**Table No: 9**

**Table Name: tbl\_fuel**

**Primary Key: fuel\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. no** | **Field name** | **Field type** | **Size** | **Constraints** | **Description** |
| 1. | fuel\_id | int | 10 | Primary Key | Fuel id |
| 2. | fuel | varchar | 10 | Not null | Fuel type |

**Table No:10**

**Table Name: tbl\_servicescheme**

**Primary Key: scheme\_id**

**Foreign Key: licenceno, variant\_id, department\_id, servicetype\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. no** | **Field name** | **Field type** | **Size** | **Constraints** | **Description** |
| 1. | scheme\_id | int | 10 | Primary Key | Service scheme id |
| 2. | licenceno | varchar | 25 | Foreign key | License number |
| 3. | variant\_id | int | 10 | Foreign key | Variant id |
| 4. | department\_id | int | 10 | Foreign key | Department id |
| 5. | servicetype\_id | int | 10 | Foreign key | Service type id |
| 6. | km | int | 10 | Not null | Odometer reading |
| 7. | amount | int | 10 | Not null | Advance amount |

**Table No: 11**

**Table Name: tbl\_department**

**Primary Key: department\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. no** | **Field name** | **Field type** | **Size** | **Constraints** | **Description** |
| 1. | department\_id | int | 10 | Primary Key | Department id |
| 2. | department\_name | varchar | 25 | Not null | Department type |

**Table No: 12**

**Table Name: tbl\_workcount**

**Primary Key: count\_id, licenceno**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. no** | **Field name** | **Field type** | **Size** | **Constraints** | **Description** |
| 1. | Count\_id | int | 10 | Primary key | Count id |
| 2. | department\_id | int | 10 | Foreign key | Department id |
| 3. | date | date |  | Not null | Date |
| 4. | count | int | 10 | Not null | Work count |
| 5. | licenceno | varchar | 10 | Foreign key | License number of service center |

**Table No: 13**

**Table Name: tbl\_car**

**Primary Key: car\_id**

**Foreign Key: user\_id, variant\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. no** | **Field name** | **Field type** | **Size** | **Constraints** | **Description** |
| 1. | Car\_id | Int | 10 | Primary key | Car id |
| 2. | user\_id | int | 10 | Foreign key | User id |
| 3. | variant\_id | int | 10 | Foreign key | Variant id |
| 4. | manufactured\_year | int | 10 | Not null | Manufacturing year |
| 5. | color | varchar | 10 | Not null | Car color |
| 6. | regno | varchar | 20 | Not null | Registration number |
| 7. | engineno | varchar | 18 | Not null | Engine number |
| 8. | chasisno | varchar | 18 | Not null | Chasis number |
| 9. | rcbook | varchar | 30 | Not null | Rc book image |
| 10. | photo | varchar | 30 | Not null | Car image |
| 11. | status | int | 10 | Not null | Status |

**Table No: 14**

**Table Name: tbl\_images**

**Primary Key: image\_id**

**Foreign Key: advertisement\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. No** | **Field name** | **Field type** | **Size** | **Constraints** | **Description** |
| 1. | image\_id | int | 10 | Primary key | Image id |
| 2. | advertisement\_id | int | 10 | Foreign key | Advertisement id |
| 3. | image1 | varchar | 100 | Not null | Car image11 |
| 4. | image2 | varchar | 100 | Not null | Car image2 |
| 5. | Image3 | varchar | 100 | Not null | Car image2 |
| 6. | Image4 | varchar | 100 | Not null | Car image2 |

**Table No: 15**

**Table Name: tbl\_appointment**

**Primary Key: apid**

**Foreign Key: scheme\_id, licenceno**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. No** | **Field name** | **Field type** | **Size** | **Constraints** | **Description** |
| 1. | appointment\_id | int | 10 | Primary key | Appointment id |
| 2. | registerno | varchar | 20 | Not null | Car register no |
| 3. | scheme\_id | int | 10 | Foreign key | Scheme id |
| 4. | licenseno | varchar | 20 | Foreign key | Service center license number |
| 5. | appointment\_date | date |  | Not null | Date |
| 6. | remarks | varchar | 500 |  | Remarks from service center |
| 7. | odometer | int | 10 | Not null | Odometer reading |
| 8. | book\_date | varchar | 20 | Not null | Booking made date |
| 9. | appointment\_status | int | 10 | Not null | Appointment status |

**Table No: 16**

**Table Name: tbl\_incomplete**

**Primary Key: incomplete\_id**

**Foreign key: appointment\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. No** | **Field name** | **Field type** | **Size** | **Constraints** | **Description** |
| 1. | incomplete\_id | int | 10 | Primary key | Action id |
| 2. | appointment\_id | int | 10 | Foreign key | Appointment\_id |
| 3. | reason | varchar | 300 | Not null | Reason of incomplete |
| 4. | delivery\_date | varchar | 20 | Not null | Expected work completion date |

**Table No: 17**

**Table Name: tbl\_advertisement**

**Primary Key: advertisement\_id**

**Foreign Key: car\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. No** | **Field name** | **Field type** | **Size** | **Constraints** | **Description** |
| 1. | advertisement\_id | int | 10 | Primary key | Advertisement id |
| 2. | car\_id | int | 10 | Foreign key | Car id |
| 3. | price | int | 10 | Not null | Expecting price |
| 4. | odometer | int | 10 | Not null | KM driven |
| 5. | description | varchar | 50 | Not null | Description about car |
| 6. | latitude | double |  | Not null | Latitude of location |
| 7. | longitude | double |  | Not null | Longitude of location |
| 8. | advertisement\_date | varchar | 20 | Not null | Advertisement posted date |
| 9. | status | int | 10 | Not null | Status of advertisement |

**Table No: 18**

**Table Name: tbl\_transaction**

**Primary Key: transaction\_id**

**Foreign Key: user\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. No** | **Field name** | **Field type** | **Size** | **Constraints** | **Description** |
| 1. | transaction\_id | int | 10 | Primary key | Transaction id |
| 2. | paid\_from | int | 10 | Foreign key | User\_id of payer |
| 3. | paid\_to | int | 15 | Foreign key | User\_id of receiver |
| 4. | transaction\_date | date |  | Not null | Date |
| 5. | amount | int | 10 | Not null | Amount paid |
| 6. | transaction\_type | varchar | 50 | Not null | Transaction type |

**Table No: 19**

**Table Name: tbl\_employee**

**Primary Key: employee\_id**

**Foreign Key: licenceno, department\_id,user\_id,place\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. No** | **Field name** | **Field type** | **Size** | **Constraints** | **Description** |
| 1. | employee\_id | int | 10 | Primary key | Employee id |
| 2. | licenceno | varchar | 15 | Foreign key | Service center licence number |
| 3. | department\_id | int | 10 | Foreign key | Department id |
| 4. | first\_name | varchar | 25 | Not null | Employee first name |
| 5. | last\_name | varchar | 25 | Not null | Employee last name |
| 6. | user\_id | int | 10 | Foreign key | User id of employee |
| 7. | Mobileno | int | 10 | Not null | Mobile number |
| 8. | place\_id | int | 10 | Foreign key | Place id |
| 9. | photo | varchar | 200 | Not null | Image of employee |
| 10. | status | int | 10 | Not null | Status of employee |

**Table No: 20**

**Table Name: tbl\_leave**

**Primary Key: leave\_id**

**Foreign Key: employee\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. No** | **Field name** | **Field type** | **Size** | **Constraints** | **Description** |
| 1. | leave\_id | int | 10 | Primary key | Leave id |
| 2. | employee\_id | int | 10 | Foreign key | Employee id |
| 3. | date | date |  |  | Date of leave |
| 4. | reason | varchar | 50 | Not null | Leave reason |
| 5. | status | int | 10 | Not null | Leave status |

**Table No: 21**

**Table Name: tbl\_checking**

**Primary Key: checking\_id**

**Foreign Key: scheme\_id, spare\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. No** | **Field name** | **Field type** | **Size** | **Constraints** | **Description** |
| 1. | checking\_id | int | 10 | Primary key | Checking id |
| 2. | scheme\_id | int | 10 | Foreign key | Service scheme id |
| 3. | spare\_id | int | 10 | Foreign key | Spare id |

**Table No: 22**

**Table Name: tbl\_designation**

**Primary Key: designation\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. No** | **Field name** | **Field type** | **Size** | **Constraints** | **Description** |
| 1. | designation\_id | int | 10 | Primary key | Designation id |
| 2. | designation | varchar | 20 | Not null | Designation |

**Table No: 23**

**Table Name: tbl\_employeecount**

**Primary Key: count\_id**

**Foreign Key: licenceno, department\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. No** | **Field name** | **Field type** | **Size** | **Constraints** | **Description** |
| 1. | count\_id | int | 10 | Primary key | Employee count id |
| 2. | licenceno | varchar | 20 | Foreign key | License no of service center |
| 3. | department\_id | int | 10 | Foreign key | Department id |
| 4. | maximum | int | 10 | Not null | Maximum no of employees |

**Table No: 24**

**Table Name: tbl\_offeredprice**

**Primary Key: offer\_id**

**Foreign Key: advertisement\_id, user\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. No** | **Field name** | **Field type** | **Size** | **Constraints** | **Description** |
| 1. | offer\_id | int | 10 | Primary key | Offer id |
| 2. | advertisement\_id | int | 10 | Foreign key | Advertisement id |
| 3. | user\_id | int | 10 | Foreign key | User id |
| 4. | offer\_amount | int | 10 | Not null | Offered price |
| 5. | offer\_date | varchar | 20 | Not null | Offered date |
| 6. | offer\_status | int | 10 | Not null | Offer status |

**Table No: 25**

**Table Name: tbl\_replacing**

**Primary Key: replacing\_id**

**Foreign Key: scheme\_id, spare\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. No** | **Field name** | **Field type** | **Size** | **Constraints** | **Description** |
| 1. | replacing\_id | int | 10 | Primary key | Replacing id |
| 2. | scheme\_id | int | 10 | Foreign key | Service scheme id |
| 3. | spare\_id | int | 10 | Foreign key | Spare id |

**Table No: 26**

**Table Name: tbl\_carcondition**

**Primary Key: condition\_id**

**Foreign Key: appointment\_id, employee\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. No** | **Field name** | **Field type** | **Size** | **Constraints** | **Description** |
| 1. | condition\_id | int | 10 | Primary key | Condition id |
| 2. | appointment\_id | int | 10 | Foreign key | Appointment id |
| 3. | employee\_id | int | 10 | Foreign key | Employee id |
| 4. | started\_time | timestamp |  | Not null | Work started time |
| 5. | odometer | int | 10 | Not null | Odometer reading |
| 6. | fuel | varchar | 20 | Not null | Fuel condition |
| 7. | damage | varchar | 500 |  | Damages of car |

**Table No: 27**

**Table Name: tbl\_servicetype**

**Primary Key: servicetype\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. No** | **Field name** | **Field type** | **Size** | **Constraints** | **Description** |
| 1. | servicetype\_id | int | 10 | Primary key | Service type id |
| 2. | servicetype | varchar | 20 | Not null | Service type |

**Table No: 28**

**Table Name: tbl\_spare**

**Primary Key: spare\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. No** | **Field name** | **Field type** | **Size** | **Constraints** | **Description** |
| 1. | spare\_id | int | 10 | Primary key | Spare id |
| 2. | spare | varchar | 20 | Not null | Spare name |