# **Table Design**

**Table no: 1**

**Table name: tbl\_ login**

**Primary key: login\_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. | user\_type | int | 10 | Not Null | User type |
| 5. | status | int | 5 | Not Null | Status of user |

**Table no:2**

**Table name: rdc\_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: rdc\_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 | brandid | 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 |
| 7 | mobile | int | 15 | Not Null | Mobile number |

**Table No: 4**

**Table Name: rdc\_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\_name | Varchar | 10 | Not Null | District name |

**Table No: 5**

**Table Name: rdc\_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\_name | varchar | 25 | Not Null | Place name |

**Table No: 6**

**Table Name: rdc\_tbl\_Brand**

**Primary Key: brandid**

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

**Table No:7**

**Table Name: rdc\_tbl\_Model**

**Primary Key: model\_id**

**Foreign Key: brandid**

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

**Table No: 8**

**Table Name: rdc\_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: rdc\_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: rdc\_tbl\_servicescheme**

**Primary Key: scheme\_id**

**Foreign Key: licenceno, variant\_id, department\_id, action\_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. | action\_id | int | 10 | Foreign key | Action id |
| 6. | scheme\_name | varchar | 10 | Not null | Service scheme name |
| 7. | price | int | 10 | Not null | Price |

**Table No: 11**

**Table Name: rdc\_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 |
| 3. | employee\_max | int | 10 | Not null | Maximum no of employees |

**Table No: 12**

**Table Name: rdc\_tbl\_count**

**Primary Key: countid**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. no** | **Field name** | **Field type** | **Size** | **Constraints** | **Description** |
| 1. | countid | 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 |

**Table No: 13**

**Table Name: rdc\_tbl\_car**

**Primary Key: carid**

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. no** | **Field name** | **Field type** | **Size** | **Constraints** | **Description** |
| 1. | carid | 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. | manufacture\_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: rdc\_tbl\_images**

**Primary Key: image\_id**

**Foreign Key: user\_id**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl. No** | **Field name** | | **Field type** | **Size** | **Constraints** | | **Description** |
| 1. | image\_id | int | | 10 | Primary key | Image id | |
| 2. | user\_id | int | | 10 | Foreign key | User id | |
| 3. | car\_id | int | | 10 | Foreign key | Car id | |
| 4. | photo | varchar | | 100 | Not null | Car image | |

**Table No: 15**

**Table Name: rdc\_tbl\_appointment**

**Primary Key: apid**

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. No** | **Field name** | **Field type** | **Size** | **Constraints** | **Description** |
| 1. | appointment\_id | int | 10 | Primary key | Appointment id |
| 2. | carid | int | 10 | Foreign key | Car id |
| 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 | 50 | Not null | Remarks from service center |
| 7. | km | int | 10 | Not null | Odometer reading |
| 8. | appointment\_time | varchar | 20 | Not null | Appointment time |
| 9. | delivery\_date | date |  | Not null | Delivery date |
| 10. | delivery\_time | varchar | 20 | Not null | Delivery time |
| 11. | status | int | 10 | Not null | Appointment status |

**Table No: 16**

**Table Name: rdc\_tbl\_action**

**Primary Key: action\_id**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. No** | **Field name** | **Field type** | **Size** | **Constraints** | **Description** |
| 1. | action\_id | int | 10 | Primary key | Action id |
| 2. | action\_name | varchar | 20 | Not null | Action name |
| 3. | replaced | varchar | 50 | Not null | Replaced parts |
| 4. | checked | varchar | 50 | Not null | Inspected parts |

**Table No: 17**

**Table Name: rdc\_tbl\_sales**

**Primary Key: saleid**

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. No** | **Field name** | **Field type** | **Size** | **Constraints** | **Description** |
| 1. | saleid | int | 10 | Primary key | Sales id |
| 2. | carid | int | 10 | Foreign key | Car id |
| 3. | user\_id | int | 10 | Foreign key | User id |
| 4. | km | int | 10 | Not null | Odometer reading |
| 5. | remarks | varchar | 50 | Not null | Remarks of owner |

**Table No: 18**

**Table Name: rdc\_tbl\_payment**

**Primary Key: transaction\_id**

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. No** | **Field name** | **Field type** | **Size** | **Constraints** | **Description** |
| 1. | transaction\_id | int | 10 | Primary key | Transaction id |
| 2. | user\_id | int | 10 | Foreign key | Paid by |
| 3. | licenseno | varchar | 15 | Foreign key | Paid to |
| 4. | transaction\_date | date |  | Not null | Date |
| 5. | amount | int | 10 | Not null | Amount paid |
| 6. | status | int | 10 | Not null | Payment status |

**Table No: 19**

**Table Name: tbl\_employee**

**Primary Key: employee\_id**

**Foreign Key: licenceno, department\_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. | employee\_fname | varchar | 25 | Not null | Employee first name |
| 5. | employee\_lname | varchar | 25 | Not null | Employee last name |

**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 |