**CAR AUTOMATION SYSTEM - TABLE DESIGN**

1. **Table Name: tbl\_Login**

**Primary Key: LoginId**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Field Name | Datatype | Description |
| 1 | LoginId | Varchar(20) | Primary Key |
| 2 | Username | Varchar(20) | Username |
| 3 | Password | Varchar(20) | Password |
| 4 | Logstatus | Tinyint | Status |

1. **Table Name: tbl\_Dealer**

**Primary Key: DealerId**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Field Name | Datatype | Description |
| 1 | DealerId | Varchar(20) | Primary Key |
| 2 | Dealername | Varchar(20) | Dealer name |
| 3 | State | Varchar(20) | State |
| 4 | City | Varchar(20) | City |
| 5 | Pincode | Integer | Pincode |
| 6 | Email | Varchar(20) | Email |
| 7 | Phone | Integer | Contact |
| 8 | Dealerstatus | Tinyint | Status |

1. **Table Name: tbl\_DealerSpecs**

**Primary Key: DealerspecId**

**Foreign Key: DealerId(tbl\_Dealer), VariantId(tbl\_Carvariant)**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Field Name | Datatype | Description |
| 1 | DealerspecId | Varchar(20) | Primary Key |
| 2 | DealerId | Varchar(20) | Foreign Key |
| 3 | VariantId | Varchar(20) | Foreign Key |
| 4 | Quantity | Varchar(20) | Quantity |
| 5 | Dealerspecstatus | Tinyint | Status |

1. **Table Name: tbl\_Customer**

**Primary Key: CustomerId**

**Foreign Key: LoginId(tbl\_Login)**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Field Name | Datatype | Description |
| 1 | CustomerId | Varchar(20) | Primary Key |
| 2 | LoginId | Varchar(20) | Foreign Key |
| 3 | Salutation | Varchar(20) | Salutation |
| 4 | Customername | Varchar(20) | Name of customer |
| 5 | Email | Varchar(30) | Email of customer |
| 6 | Phone | Integer | Contact number |
| 7 | Gender | Varchar(10) | Gender |
| 8 | Pincode | Integer | Pincode |
| 9 | State | Varchar(30) | State |
| 10 | Flat/HouseNo | Varchar(30) | House Number |
| 11 | Street/Locality | Varchar(30) | Street |
| 12 | Town/City | Varchar(30) | City |
| 13 | Customerstatus | Tinyint | Status |

1. **Table Name: tbl\_Cardetailsofcustomer**

**Primary Key: CustomercarId**

**Foreign Key: CustomerId(tbl\_Customer), ModelId(tbl\_Carmodel),**

**VariantId(tbl\_Carvariant),ColorId(tbl\_Carcolor)**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Field Name | Datatype | Description |
| 1 | CustomercarId | Varchar(20) | Primary Key |
| 2 | CustomerId | Varchar(20) | Foreign Key |
| 3 | ModelId | Varchar(20) | Foreign Key |
| 4 | VariantId | Varchar(20) | Foreign Key |
| 5 | ColorId | Varchar(30) | Foreign Key |
| 6 | Oldcarowner | Integer | Old Car Owner |
| 7 | Customercarstatus | Tinyint | Status |

1. **Table Name: tbl\_Carmodel**

**Primary Key: ModelId**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Field Name | Datatype | Description |
| 1 | ModelId | Varchar(20) | Primary Key |
| 2 | Model Name | Varchar(20) | Name of model |
| 3 | Modelstatus | Tinyint | Status |

1. **Table Name: tbl\_CarFuel**

**Primary Key: FuelId**

**Foreign Key: ModelId(tbl\_Carmodel)**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Field Name | Datatype | Description |
| 1 | FuelId | Varchar(20) | Primary Key |
| 2 | ModelId | Varchar(20) | Foreign Key |
| 3 | Fuel Type | Varchar(20) | Type of Fuel |
| 4 | Fuelstatus | Tinyint | Status |

1. **Table Name: tbl\_CarTransmission**

**Primary Key: TransId**

**Foreign Key: ModelId(tbl\_Carmodel), FuelId(tbl\_Carfuel)**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Field Name | Datatype | Description |
| 1 | TransId | Varchar(20) | Primary Key |
| 2 | ModelId | Varchar(20) | Foreign Key |
| 3 | FuelId | Varchar(20) | Foreign Key |
| 4 | Transmission type | Varchar(20) | Type of transmission |
| 5 | Transstatus | Tinyint | Status |

1. **Table Name: tbl\_Carvariant**

**Primary Key: VariantId**

**Foreign Key: ModelId(tbl\_Carmodel), FuelId(tbl\_Carfuel),**

**TransId(tbl\_Cartransmission)**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Field Name | Datatype | Description |
| 1 | VariantId | Varchar(20) | Primary Key |
| 2 | ModelId | Varchar(20) | Foreign Key |
| 3 | FuelId | Varchar(20) | Foreign Key |
| 3 | TransId | Varchar(20) | Foreign Key |
| 4 | Variantname | Varchar(20) | Name of variant |
| 6 | Price | Integer | Price of variant |
| 7 | Variantstatus | Tinyint | Status |

1. **Table Name: tbl\_Carcolorcategory**

**Primary Key: ColorcatId**

**Foreign Key: VariantId(tbl\_Carvariant)**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Field Name | Datatype | Description |
| 1 | ColorcatId | Varchar(20) | Primary Key |
| 2 | VariantId | Varchar(20) | Foreign Key |
| 3 | Category Name | Varchar(20) | Color Category |
| 4 | Colorcatstatus | Tinyint | Status |

1. Table Name: tbl\_Carcolor

Primary Key: ColorId

Foreign Key: ColorcatId(tbl\_Carcolorcategory), VariantId(tbl\_Carvariant)

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Field Name | Datatype | Description |
| 1 | ColorId | Varchar(20) | Primary Key |
| 2 | ColorcatId | Varchar(20) | Foreign Key |
| 3 | VariantId | Varchar(20) | Foreign Key |
| 4 | Colorname | Varchar(20) | Name of color |
| 5 | Colorstatus | Varchar(20) | Status |

1. **Table Name: tbl\_Cardimensions**

**Primary Key: DimId**

**Foreign Key: VariantId(tbl\_Carvariant)**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Field Name | Datatype | Description |
| 1 | DimId | Varchar(20) | Primary Key |
| 2 | VariantId | Varchar(20) | Foreign Key |
| 3 | Length | Varchar(20) | Length |
| 4 | Width | Varchar(20) | Width |
| 5 | Height | Varchar(20) | Height |
| 6 | Wheelbase | Varchar(20) | Wheelbase |
| 7 | Groundclearance | Varchar(20) | Ground Clearance |
| 8 | Dimstatus | Tinyint | Status |

1. **Table Name: tbl\_Carcapacity**

**Primary Key: CapacityId**

**Foreign Key: VariantId(tbl\_Carvariant)**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Field Name | Datatype | Description |
| 1 | CapacityId | Varchar(20) | Primary Key |
| 2 | VariantId | Varchar(20) | Foreign Key |
| 3 | Doors | Varchar(20) | No of Doors |
| 4 | Seatingcapacity | Varchar(20) | No of Seats |
| 5 | NoSeatingRows | Varchar(20) | No of Seating Rows |
| 6 | Bootspace | Varchar(20) | Bootspace |
| 7 | Fueltank | Varchar(20) | FuelTank Capacity |
| 8 | Capacitystatus | Tinyint | Status |

1. **Table Name: tbl\_EngineTrans**

**Primary Key: EngtransId**

**Foreign Key: VariantId(tbl\_Carvariant)**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Field Name | Datatype | Description |
| 1 | EngtransId | Varchar(20) | Primary Key |
| 2 | VariantId | Varchar(20) | Foreign Key |
| 3 | Displacement | Varchar(20) | CC |
| 4 | Enginetype | Varchar(20) | Type of Engine |
| 5 | Maxpower | Varchar(20) | Maximum Power |
| 6 | Maxtorque | Varchar(20) | Maximum Torque |
| 7 | Mileage | Varchar(20) | Mileage |
| 8 | Turbcharger | Varchar(20) | Turbocharger |
| 9 | Turbotype | Varchar(20) | Turbocharger type |
| 10 | Nogears | Varchar(20) | No of Gears |
| 11 | Drivetrain | Varchar(20) | Drivetrain |
| 12 | Dualclutch | Varchar(20) | Dual Clutch |
| 13 | Sportmode | Varchar(20) | Sport Mode |
| 14 | ManualshiftforAT | Varchar(20) | Manual Shift for AT |
| 15 | Drivingmodes | Varchar(20) | Driving Modes |
| 16 | Enginestartstop | Varchar(20) | Engine Start-Stop |
| 17 | Alternatefuel | Varchar(20) | Alternate Fuel |
| 18 | Cylinders | Varchar(20) | Cylinders |
| 19 | Valves | Varchar(20) | Valves |
| 20 | Engstatus | Tinyint | Status |

1. **Table Name: tbl\_Carsbs**

**Primary Key: SbsId**

**Foreign Key: VariantId(tbl\_Carvariant)**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Field Name | Datatype | Description |
| 1 | SbsId | Varchar(20) | Primary Key |
| 2 | VariantId | Varchar(20) | Foreign Key |
| 3 | Suspensionfront | Varchar(20) | Front Suspension |
| 4 | Suspensionrear | Varchar(20) | Rear Suspension |
| 5 | Frontbraketype | Varchar(20) | Front Brake Type |
| 6 | Rearbraketype | Varchar(20) | Rear Brake Type |
| 7 | Minturningrad | Varchar(20) | Minimum Turning Radius |
| 8 | Steertype | Varchar(20) | Steering Type |
| 9 | Wheels | Varchar(20) | Wheels |
| 10 | Sparewheel | Varchar(20) | Spare Wheel |
| 11 | Fronttyres | Varchar(20) | Front Tyres |
| 12 | Reartyres | Varchar(20) | Rear Tyres |
| 12 | Sbsstatus | Tinyint | Status |

1. **Table Name: tbl\_Carsafety**

**Primary Key: SafetyId**

**Foreign Key: VariantId(tbl\_Carvariant)**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Field Name | Datatype | Description |
| 1 | SafetyId | Varchar(20) | Primary Key |
| 2 | VariantId | Varchar(20) | Foreign Key |
| 3 | Airbags | Varchar(20) | Airbags |
| 4 | Dualstageairbags | Varchar(20) | Dual-stage Airbags |
| 5 | Midrearseatbelt | Varchar(20) | Midrear 3 point seat belt |
| 6 | Midrearheadrest | Varchar(20) | Midrear Head Rest |
| 7 | TPMS | Varchar(20) | Tyre Pressure Monitoring System |
| 8 | Childseat | Varchar(20) | Child Seat Anchor Points |
| 9 | Seatbeltwarn | Varchar(20) | Seat Belt Warning |
| 12 | Safetystatus | Tinyint | Status |

1. **Table Name: tbl\_Carbraking**

**Primary Key: BrakingId**

**Foreign Key: VariantId(tbl\_Carvariant)**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Field Name | Datatype | Description |
| 1 | BrakingId | Varchar(20) | Primary Key |
| 2 | VariantId | Varchar(20) | Foreign Key |
| 3 | ABS | Varchar(20) | Anti-lock Braking System |
| 4 | EBD | Varchar(20) | Electronic Brake-force Distribution |
| 5 | BA | Varchar(20) | Brake Assist |
| 6 | ESP | Varchar(20) | Electronic Stability Program |
| 7 | Fourwheeldrive | Varchar(20) | Four-Wheel Drive |
| 8 | HHC | Varchar(20) | Hill Hold Control |
| 9 | TCS | Varchar(20) | Traction Control System |
| 12 | RHA | Varchar(20) | Ride Height Adjustment |
| 13 | HDC | Varchar(20) | Hill Descent Control |
| 14 | LSD | Varchar(20) | Limited Slip Differential |
| 15 | DL | Varchar(20) | Differential Lock |
| 16 | Brakingstatus | Tinyint | Status |

1. **Table Name: tbl\_Carsecurity**

**Primary Key: SecurityId**

**Foreign Key: VariantId(tbl\_Carvariant)**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Field Name | Datatype | Description |
| 1 | SecurityId | Varchar(20) | Primary Key |
| 2 | VariantId | Varchar(20) | Foreign Key |
| 3 | Immobilizer | Varchar(20) | Engine Immobilizer |
| 4 | Centrallock | Varchar(20) | Central Locking |
| 5 | SSDL | Varchar(20) | Speed Sensing Door Lock |
| 6 | CSL | Varchar(20) | Child Safety Lock |
| 7 | Securitystatus | Tinyint | Status |

1. **Table Name: tbl\_Carcomfort**

**Primary Key: ComfortId**

**Foreign Key: VariantId(tbl\_Carvariant)**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Field Name | Datatype | Description |
| 1 | ComfortId | Varchar(20) | Primary Key |
| 2 | VariantId | Varchar(20) | Foreign Key |
| 3 | AC | Varchar(20) | Air Conditioning |
| 4 | Rear AC | Varchar(20) | Rear AC |
| 5 | Poweroutlets | Varchar(20) | 12V Power Outlets |
| 6 | Steeradjust | Varchar(20) | Steering Adjustment |
| 7 | Keylessstart | Varchar(20) | Keyless/Button Start |
| 8 | HIreminder | Varchar(20) | Headlight Ignition Key Off Reminder |
| 9 | Cruisectrl | Varchar(20) | Cruise Control |
| 10 | Parkingsensors | Varchar(20) | Parking Sensors |
| 11 | Parkingassist | Varchar(20) | Parking Assist |
| 12 | Antiglaremirrors | Varchar(20) | Anti-glare Mirrors |
| 13 | Cabinbootaccess | Varchar(20) | Cabin Boot Access |
| 14 | Vanitymirrors | Varchar(20) | Vanity Mirrors on Sun visors |
| 15 | Heater | Varchar(20) | Heater |
| 16 | Comfortstatus | Tinyint | Status |

1. **Table Name: tbl\_Carseats**

**Primary Key: SeatId**

**Foreign Key: VariantId(tbl\_Carvariant)**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Field Name | Datatype | Description |
| 1 | SeatId | Varchar(20) | Primary Key |
| 2 | VariantId | Varchar(20) | Foreign Key |
| 3 | Seatupholstery | Varchar(20) | Seat Upholstery |
| 4 | LWSW | Varchar(20) | Leather-wrapped Steering Wheel |
| 5 | LWGK | Varchar(20) | Leather-wrapped Gear Knob |
| 6 | Driverseatadjust | Varchar(20) | Driver Seat Adjustment |
| 7 | FPSA | Varchar(20) | Front Passenger Seat Adjustment |
| 8 | Lumbarsupport | Varchar(20) | Lumbar Support |
| 9 | ALS | Varchar(20) | Adjustable Lumbar Support |
| 10 | Driverarmrest | Varchar(20) | Driver Armrest |
| 11 | RPS | Varchar(20) | Rear Passenger Seats |
| 12 | RPAS | Varchar(20) | Rear Passenger Adjustable Seats |
| 13 | TRS | Varchar(20) | Third Row Seats |
| 14 | TRSA | Varchar(20) | Third Row Seat Adjustment |
| 15 | Ventilatedseats | Varchar(20) | Ventilated Seats |
| 16 | VST | Varchar(20) | Ventilated Seat Type |
| 17 | Interiors | Varchar(20) | Interiors |
| 18 | Interiorcolors | Varchar(20) | Interior Colours |
| 19 | Reararmrest | Varchar(20) | Rear Arm Rest |
| 20 | FRS | Varchar(20) | Folding Rear Set |
| 21 | SRS | Varchar(20) | Split Rear Seat |
| 22 | STRS | Varchar(20) | Split Third Row Seat |
| 23 | FSP | Varchar(20) | Front Seat Pockets |
| 24 | AHR | Varchar(20) | Adjustable Head-Rests |
| 25 | EAHR | Varchar(20) | Electrically Adjustable Head Rests |
| 26 | Headrests | Varchar(20) | Head-Rests |
| 27 | Seatstatus | Tinyint | Status |

1. **Table Name: tbl\_Carstorage**

**Primary Key: StorageId**

**Foreign Key: VariantID(tbl\_Carvariant)**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Field Name | Datatype | Description |
| 1 | StorageId | Varchar(20) | Primary Key |
| 2 | VariantId | Varchar(20) | Foreign Key |
| 3 | Cupholders | Varchar(20) | Cup Holders |
| 4 | DAS | Varchar(20) | Driver Armsrest Storage |
| 5 | CGB | Varchar(20) | Cooled Glove Box |
| 6 | SH | Varchar(20) | Sunglass Holder |
| 7 | TRCH | Varchar(20) | Third Row Cup Holders |
| 8 | Storagestatus | Tinyint | Status |

1. **Table Name: tbl\_Cardwmw**

**Primary Key: DwmwId**

**Foreign Key: VariantId(tbl\_Carvariant)**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Field Name | Datatype | Description |
| 1 | DwmwId | Varchar(20) | Primary Key |
| 2 | VariantId | Varchar(20) | Foreign Key |
| 3 | Powerwindows | Varchar(20) | Power Windows |
| 4 | OTD | Varchar(20) | One Touch-Down |
| 5 | OTU | Varchar(20) | One Touch-Up |
| 6 | AORVM | Varchar(20) | Adjustable ORVM |
| 7 | TIORVM | Varchar(20) | Turn Indicators on ORVM |
| 8 | RD | Varchar(20) | Rear Defogger |
| 9 | RW | Varchar(20) | Rear Wiper |
| 10 | EDH | Varchar(20) | Exterior Door Handles |
| 11 | RSW | Varchar(20) | Rain Sensing Wipers |
| 12 | IDH | Varchar(20) | Interior Door Handles |
| 13 | DP | Varchar(20) | Door Pockets |
| 14 | DB | Varchar(20) | Door Blinds |
| 15 | BLO | Varchar(20) | Boot-Lid Opener |
| 16 | RWB | Varchar(20) | Rear Window Blind |
| 17 | ORVM | Varchar(20) | Outside Rear View Mirrors |
| 18 | Dwmwstatus | Tinyint | Status |

1. **Table Name: tbl\_Carexterior**

**Primary Key: ExteriorId**

**Foreign Key: VariantiD(tbl\_Carvariant)**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Field Name | Datatype | Description |
| 1 | ExteriorId | Varchar(20) | Primary Key |
| 2 | VariantId | Varchar(20) | Foreign Key |
| 3 | Sunroof | Varchar(20) | Sunroof |
| 4 | Roofrails | Varchar(20) | Roof Rails |
| 5 | RMA | Varchar(20) | Roof Mounted Antenna |
| 6 | BCB | Varchar(20) | Body Colored Bumpers |
| 7 | CFEP | Varchar(20) | Chrome Finish Exhaust Pipe |
| 8 | Bodykit | Varchar(20) | Body Kit |
| 9 | Rubstrips | Varchar(20) | Rub-Strips |
| 18 | Exteriorstatus | Tinyint | Status |

1. **Table Name: tbl\_Carlighting**

**Primary Key: LightingId**

**Foreign Key: VariantID(tbl\_Carvariant)**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Field Name | Datatype | Description |
| 1 | LightingId | Varchar(20) | Primary Key |
| 2 | VariantId | Varchar(20) | Foreign Key |
| 3 | Headlamps | Varchar(20) | Headlamps |
| 4 | AHL | Varchar(20) | Automatic Headlamps |
| 5 | FMHL | Varchar(20) | Follow me Home Headlamps |
| 6 | DRL | Varchar(20) | Daytime Running Lights |
| 7 | Foglamps | Varchar(20) | Fog Lamps |
| 8 | Taillamps | Varchar(20) | Tail Lamps |
| 9 | Cabinlamps | Varchar(20) | Cabin Lamps |
| 10 | HHA | Varchar(20) | Headlight Height Adjuster |
| 11 | GBL | Varchar(20) | Glove Box Lamps |
| 12 | LVM | Varchar(20) | Lights on Vanity Mirrors |
| 13 | RRL | Varchar(20) | Rear Reading Lamps |
| 14 | CH | Varchar(20) | Cornering Headlights |
| 15 | Lightingstatus | Tinyimt | Status |

1. **Table Name: tbl\_Carinstrumentation**

**Primary Key: InstrumentId**

**Foreign Key: VariantId(tbl\_Carvariant)**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Field Name | Datatype | Description |
| 1 | InstrumentId | Varchar(20) | Primary Key |
| 2 | VariantId | Varchar(20) | Foreign Key |
| 3 | IC | Varchar(20) | Instrumentation Cluster |
| 4 | TM | Varchar(20) | Trip Meter |
| 5 | AVC | Varchar(20) | Average Fuel Consumption |
| 6 | AS | Varchar(20) | Average Speed |
| 7 | DE | Varchar(20) | Distance to Empty |
| 8 | Clock | Varchar(20) | Clock |
| 9 | LFLW | Varchar(20) | Low Fuel Level Warning |
| 10 | DAW | Varchar(20) | Door Ajar Warning |
| 11 | ACB | Varchar(20) | Adjustable Cluster Brightness |
| 12 | GI | Varchar(20) | Gear Indicator |
| 13 | SI | Varchar(20) | Shift Indicator |
| 14 | HUD | Varchar(20) | Heads Up Display |
| 15 | Tachometer | Varchar(20) | Tachometer |
| 16 | InsCon | Varchar(20) | Instantaneous Consumption |
| 17 | Instrumentstatus | Tinyint | Status |

1. **Table Name: tbl\_Carentertain**

**Primary Key: EntertainId**

**Foreign Key: VariantId(tbl\_Carvariant)**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Field Name | Datatype | Description |
| 1 | EntertainId | Varchar(20) | Primary Key |
| 2 | VariantId | Varchar(20) | Foreign Key |
| 3 | IMS | Varchar(20) | Integrated Music System |
| 4 | HUS | Varchar(20) | Head Unit Size |
| 5 | Display | Varchar(20) | Display |
| 6 | DSRP | Varchar(20) | Display Screen for Rear Passengers |
| 7 | GPS | Varchar(20) | GPS Navigation System |
| 8 | Speakers | Varchar(20) | Speakers |
| 9 | USB | Varchar(20) | USB Compatibility |
| 10 | AUX | Varchar(20) | AUX Comaptibility |
| 11 | Bluetooth | Varchar(20) | Bluetooth Compatibility |
| 12 | Mp3 | Varchar(20) | Mp3 Playback |
| 13 | Cdplayer | Varchar(20) | CD Player |
| 14 | Dvdplayback | Varchar(20) | DVD Playback |
| 15 | Amfm | Varchar(20) | AM/FM Radio |
| 16 | Ipod | Varchar(20) | iPod Compatibility |
| 17 | IHD | Varchar(20) | Internal Hard-Drive |
| 18 | SMC | Varchar(20) | Steering Mounted Controls |
| 19 | VC | Varchar(20) | Voice Command |
| 20 | Entertainstatus | Tinyint | Status |

1. **Table Name: tbl\_Carwarranty**

**Primary Key: WarrantyId**

**Foreign Key: VariantId(tbl\_Carvariant)**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Field Name | Datatype | Description |
| 1 | WarrantyId | Varchar(20) | Primary Key |
| 2 | VariantId | Varchar(20) | Foreign Key |
| 3 | Warranty | Integer | Warranty(Years) |
| 4 | Warrantykm | Varchar(20) | Warranty(Kilometers) |
| 5 | Warrantystatus | Tinyint | Status |

1. **Table Name: tbl\_Carimages**

**Primary Key: ImageId**

**Foreign Key: ColorId(tbl\_Carcolor), VariantId(tbl\_CArvariant)**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Field Name | Datatype | Description |
| 1 | ImageId | Varchar(20) | Primary Key |
| 2 | VariantId | Varchar(20) | Foreign Key |
| 3 | ColorId | Varchar(20) | Foreign Key |
| 4 | Image | Varchar(100) | Car image path |
| 5 | Imagestatus | Tinyint | Status |

1. **Table Name: tbl\_Carvideos**

**Primary Key: VideoId**

**Foreign Key: ModelId(tbl\_Carmodel)**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Field Name | Datatype | Description |
| 1 | VideoId | Varchar(20) | Primary Key |
| 2 | ModelId | Varchar(20) | Foreign Key |
| 3 | Video | Varchar(100) | Car video path |
| 5 | Videostatus | Tinyint | Status |

1. **Table Name: tbl\_Carprice**

**Primary Key: PriceId**

**Foreign Key: VariantId**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Field Name | Datatype | Description |
| 1 | PriceId | Varchar(20) | Primary Key |
| 2 | VariantId | Varchar(20) | Foreign Key |
| 3 | Showroomprice | Integer | Ex-Showroom Price |
| 4 | Rto | Integer | RTO |
| 5 | Insurance | Integer | Insurance |
| 6 | Onroadprice | Integer | On-Road Price |
| 7 | Pricestatus | Tinyint | Status |

1. **Table Name: tbl\_Carbooking**

**Primary Key: BookingId**

**Foreign Key: customerId(tbl\_Customer), DealerId(tbl\_Dealer),**

**VariantId(tbl\_Carvariant)**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Field Name | Datatype | Description |
| 1 | BookingId | Varchar(20) | Primary Key |
| 2 | CustomerId | Varchar(20) | Foreign Key |
| 3 | DealerID | Varchar(20) | Foreign Key |
| 4 | VariantId | Varchar(20) | Foreign Key |
| 5 | Advance | Integer | Advance Amount |
| 6 | Date | Date | Date |
| 7 | Bookingstatus | Tinyint | Status |

1. **Table Name: tbl\_Carsale**

**Primary Key: SaleId**

**Foreign Key: BookingId(tbl\_Carbooking)**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Field Name | Datatype | Description |
| 1 | SaleId | Varchar(20) | Primary Key |
| 2 | BookingId | Varchar(20) | Foreign Key |
| 3 | Date | Varchar(20) | Date |
| 4 | Amount | Varchar(20) | Total Amount |
| 5 | Salestatus | Tinyint | Status |

1. **Table Name: tbl\_Accessories**

**Primary Key: AccessoryId**

**Foreign Key: ModelId(tbl\_Carmodel)**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Field Name | Datatype | Description |
| 1 | AccessoryId | Varchar(20) | Primary Key |
| 2 | ModelId | Varchar(20) | Foreign Key |
| 3 | Accessoryname | Varchar(20) | Name of Accessory |
| 4 | Price | Varchar(20) | Price |
| 5 | Accessorystatus | Tinyint | Status |

1. **Table Name: tbl\_Accessorysale**

**Primary Key: Accessorysale**

**Foreign Key: CustomerID(tbl\_Customer), DealerId(tbl\_Dealer)**

**AccessoryId(tbl\_Accessories)**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Field Name | Datatype | Description |
| 1 | AccessorysaleId | Varchar(20) | Primary Key |
| 2 | CustomerId | Varchar(20) | Foreign Key |
| 3 | DealerId | Varchar(20) | Foreign Key |
| 4 | AccessoryId | Varchar(20) | Foreign Key |
| 5 | Cost | Integer | Cost |
| 6 | Accessorysalestatus | Tinyint | Status |

1. **Table Name: tbl\_Insurance**

**Primary Key: InsuranceId**

**Foreign Key: CustomerId(tbl\_Customer), SaleId(tbl\_Carsale)**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Field Name | Datatype | Description |
| 1 | InsuranceId | Varchar(20) | Primary Key |
| 2 | CustomerId | Varchar(20) | Foreign Key |
| 3 | SaleId | Varchar(20) | Foreign Key |
| 4 | Insurancetype | Varchar(20) | Type of Insurance |
| 5 | Startdate | Date | Starting Date |
| 6 | Expirydate | Date | Expiry Date |
| 7 | Amount | Integer | Insurance Amount |
| 8 | Insurancestatus | Tinyint | Status |

1. **Table Name: tbl\_Insurancerate**

**Primary Key: InsurancerateId**

**Foreign Key: VariantId(tbl\_Carvariant), InsuranceId(tbl\_Insurance)**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Field Name | Datatype | Description |
| 1 | InsurancerateId | Varchar(20) | Primary Key |
| 2 | VariantId | Varchar(20) | Foreign Key |
| 3 | InsuranceId | Varchar(20) | Foreign Key |
| 4 | Rate | Varchar(20) | Rate of Insurance |
| 5 | Insuranceratestatus | Tinyint | Status |

1. **Table Name: tbl\_Service**

**Primary Key: ServiceId**

**Foreign Key: CustomerId(tbl\_Customer), DealerId(tbl\_Dealer),**

**SaleId(tbl\_Carsale)**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Field Name | Datatype | Description |
| 1 | ServiceId | Varchar(20) | Primary Key |
| 2 | CustomerId | Varchar(20) | Foreign Key |
| 3 | DealerId | Varchar(20) | Foreign Key |
| 4 | SaleId | Varchar(20) | Foreign Key |
| 5 | Servicetype | Varchar(20) | Type of Service |
| 6 | Lastservicedate | Date | Last Service Date |
| 7 | Nextservicedate | Date | Next Service Date |
| 8 | Amount | Integer | Service Amount |
| 9 | Servicestatus | Tinyint | Status |

1. **Table Name: tbl\_Exchange**

**Primary Key: ExchangeId**

**Foreign Key: CustomercarId(tbl\_Cardetailsofcustomer),**

**DealerId(tbl\_Dealer),**

**ModelId(tbl\_Carmodel)**

|  |  |  |  |
| --- | --- | --- | --- |
| Sl No | Field Name | Datatype | Description |
| 1 | ExcahngeId | Varchar(20) | Primary Key |
| 2 | CustomercarId | Varchar(20) | Foreign Key |
| 3 | DealerId | Varchar(20) | Foreign Key |
| 4 | ModelId | Varchar(20) | Foreign Key |
| 5 | Exchangetype | Varchar(20) | Type of Exchange |
| 6 | requestdate | Date | Date of Request |
| 7 | Exchangedate | Date | Date of Exchange |
| 8 | Amount | Integer | Exchange Amount |
| 9 | Exchangestatus | Tinyint | Status |