

### 1. tbl\_user

- **Primary Key:** user\_id

SI No	Field Name	Data Type (Size)	Key/Constraints	Description
1	user_id	INT	Primary Key, AUTO_INCREMENT	Unique ID for each user
2	name	VARCHAR(100)	NOT NULL	Name of the user
3	email	VARCHAR(100)	UNIQUE, NOT NULL	Email address of the user
4	phone	VARCHAR(15)	UNIQUE, NOT NULL	Phone number of the user
5	password	VARCHAR(255)	NOT NULL	Password(Harshed)
6	role	ENUM('Buyer', 'Seller', 'Admin')	DEFAULT 'Buyer'	Role assigned to the user

### 2. tbl\_vehicle

- **Primary Key:** vehicle\_id
- **Foreign Key:** seller\_id references tbl\_user(user\_id)

SI No	Field Name	Data Type (Size)	Key/Constraints	Description
1	vehicle_id	INT	Primary Key, AUTO_INCREMENT	Unique ID for each vehicle
2	seller_id	INT	Foreign Key (user.user_id)	ID of the seller listing the vehicle
3	model	VARCHAR(50)	NOT NULL	Model of the vehicle
4	year	YEAR	NOT NULL	Manufacturing year of the vehicle
5	price	DECIMAL(10,2)	NOT NULL	Price of the vehicle
6	mileage	INT	-	Mileage of the vehicle
7	description	TEXT	-	Additional details of the vehicle
8	status	ENUM('Active', 'Sold', 'Inactive')	DEFAULT 'Active'	Status of the vehicle listing

### 3. tbl\_photos

- **Primary Key:** photo\_id
- **Foreign Key:** vehicle\_id references tbl\_vehicle(vehicle\_id)

SI No	Field Name	Data Type (Size)	Key/Constraints	Description
1	photo_id	INT	Primary Key, AUTO_INCREMENT	Unique ID for each photo
2	vehicle_id	INT	Foreign Key (vehicle. vehicle_id)	Associated vehicle ID
3	photo_url	TEXT	NOT NULL	URL of the uploaded photo

### 4. tbl\_transaction

- **Primary Key:** transaction\_id
- **Foreign Keys:**
  - vehicle\_id references tbl\_vehicle(vehicle\_id)
  - buyer\_id references tbl\_user(user\_id)

SI No	Field Name	Data Type (Size)	Key/Constraints	Description
1	transaction_id	INT	Primary Key, AUTO_INCREMENT	Unique ID for each transaction
2	vehicle_id	INT	Foreign Key (vehicle.vehicle_id)	ID of the vehicle sold
3	buyer_id	INT	Foreign Key (user.user_id)	ID of the buyer
4	method	ENUM	Not NULL	Payment method
5	amount	DECIMAL(10,2)	NOT NULL	Transaction amount
6	payment_status	ENUM('Pending', 'Completed', 'Failed')	DEFAULT 'Pending'	Payment status
7	transaction_date	DATETIME	DEFAULT CURRENT_TIMESTAMP	Date of transaction

## 5. tbl\_wishlist

- **Primary Key:** wishlist\_id
- **Foreign Keys:**
  - user\_id references tbl\_user(user\_id)
  - vehicle\_id references tbl\_vehicle(vehicle\_id)

SI No	Field Name	Data Type (Size)	Key/Constraints	Description
1	wishlist_id	INT	Primary Key, AUTO_INCREMENT	Unique ID for each wishlist entry
2	user_id	INT	Foreign Key (user.user_id)	ID of the user
3	vehicle_id	INT	Foreign Key (vehicle.vehicle_id)	ID of the vehicle added to wishlist
4	added_at	DATETIME	DEFAULT CURRENT_TIMESTAMP	Date of vehicle added to the wishlist

## 6. tbl\_notification

- **Primary Key:** notification
- **Foreign Key:**
  - user\_id references tbl\_user(user\_id)
  - testdrive\_id references tbl\_testdrive(testdrive\_id)

SI No	Field Name	Data Type (Size)	Key/Constraints	Description
1	notification_id	INT	Primary Key, AUTO_INCREMENT	Unique ID for each notification
2	user_id	INT	Foreign Key (user.user_id)	ID of the user receiving the notification
3	message	TEXT	NOT NULL	Notification message content
4	testdrive_id	INT	Foreign Key	ID of test drive

## 7. tbl\_testdrive

- **Primary Key:** testdrive\_id
- **Foreign Keys:**
  - vehicle\_id references tbl\_vehicle(vehicle\_id)
  - buyer\_id references tbl\_user(user\_id)
  - seller\_id references tbl\_user(user\_id)

SI No	Field Name	Data Type (Size)	Key/Constraints	Description
1	testdrive_id	INT	Primary Key, AUTO_INCREMENT	Unique ID for each test drive request
2	vehicle_id	INT	Foreign Key (vehicle.vehicle_id)	ID of the vehicle to test drive
3	buyer_id	INT	Foreign Key (user.user_id)	ID of the buyer requesting the test drive
4	seller_id	INT	Foreign Key (user.user_id)	ID of the seller
5	requested_date	DATE	NOT NULL	Requested date for the test drive
6	requested_time	TIME	NOT NULL	Requested time for the test drive
7	status	ENUM('Pending', 'Confirmed', 'Cancelled')	DEFAULT 'Pending'	Status of the test drive request

## 8. tbl\_login

- **Primary Key:** login\_id

SI No	Field Name	Data Type (Size)	Key/Constraints	Description
1	login_id	INT	Primary Key, AUTO_INCREMENT	Unique ID for each login record
2	email	VARCHAR(255)	NOT NULL ,UNIQUE	User's email
3	password	VARCHAR(50)	NOT NULL	User's hashed password