

# **CAR COMPARISON SYSTEM**

## **(AUTOMOTIS)**

### **Abstract**

#### **Project Objective**

The objective of the Car comparison system is to provide information to buyers about the features of a car. User needs to select two cars and the system will generate the features of two cars. The user also to search a particular car to view its features. This system helps the user to make best decision before buying.

#### **Features**

- Admin login
- User can search a particular car
- User can register to the system for comparison
- User can make comparison of cars
- User can give feedbacks
- User can view gallery.

#### **Modules**

- Admin module
- User module

#### **Admin module**

- Admin login
- Adding images to gallery
- View feedbacks

#### **User module**

- User can search a particular car
- User can register to the system for comparison
- Make comparison of cars
- Give feedbacks
- View gallery

# User Interface

## Home

HOME CARS COMPARE CARS GALLERY LOGIN ADMIN

WELCOME TO AUTOMOTIS

Lets Find

☒ ☐ ☐

## Cars

HOME CARS COMPARE CARS GALLERY LOGIN ADMIN

SEARCH A CAR

Select a company

Select car

Select variant

Type

Fuel type

Displacement

Transmission

## Signup

|                                      |      |              |         |       |       |
|--------------------------------------|------|--------------|---------|-------|-------|
| HOME                                 | CARS | COMPARE CARS | GALLERY | LOGIN | ADMIN |
| <a href="#">Click here to signup</a> |      |              |         |       |       |
| ABOUT                                |      |              |         |       |       |

## Signup page

|                                       |                      |              |         |       |       |
|---------------------------------------|----------------------|--------------|---------|-------|-------|
| HOME                                  | CARS                 | COMPARE CARS | GALLERY | LOGIN | ADMIN |
| SIGNUP                                |                      |              |         |       |       |
| Name                                  | <input type="text"/> |              |         |       |       |
| State                                 | <input type="text"/> |              |         |       |       |
| City                                  | <input type="text"/> |              |         |       |       |
| Con.Number                            | <input type="text"/> |              |         |       |       |
| Email.id                              | <input type="text"/> |              |         |       |       |
| Username                              | <input type="text"/> |              |         |       |       |
| Password                              | <input type="text"/> |              |         |       |       |
| Conf.password                         | <input type="text"/> |              |         |       |       |
| <input type="submit" value="Submit"/> |                      | ABOUT        |         |       |       |

## Login

HOME CARS COMPARE CARS GALLERY LOGIN ADMIN

LOGIN

Username

Password

LOGIN

Forgot password

[Not a user click here to register](#)

ABOUT

## Compare cars

HOME CARS COMPARE CARS GALLERY LOGIN ADMIN

SELECT CARS

Logout

Give Feedback

|                  |             |             |
|------------------|-------------|-------------|
| Select a company | <div></div> | <div></div> |
| Select car       | <div></div> | <div></div> |
| Select variant   | <div></div> | <div></div> |
| Type             | <div></div> | <div></div> |
| Fuel type        | <div></div> | <div></div> |
| Displacement     | <div></div> | <div></div> |
| Transmission     | <div></div> | <div></div> |
| Gearbox          | <div></div> | <div></div> |
| Max power        | <div></div> | <div></div> |
| Max Torque       | <div></div> | <div></div> |
| No. of cylinder  | <div></div> | <div></div> |
| Fuel capacity    | <div></div> | <div></div> |
| ARAI milage      | <div></div> | <div></div> |
| Ground clearance | <div></div> | <div></div> |
| Wheel base       | <div></div> | <div></div> |

## Admin

HOME CARS COMPARE CARS GALLERY LOGIN ADMIN

ADMIN

Username

Password

LOGIN

## Feedback

HOME CARS COMPARE CARS GALLERY LOGIN ADMIN

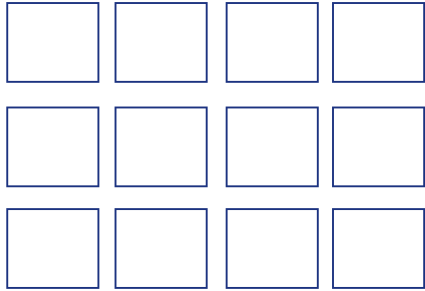
Feedbacks

LOGOUT

## Gallery

[HOME](#) [CARS](#) [COMPARE CARS](#) [GALLERY](#) [LOGIN](#) [ADMIN](#)

### GALLERY



[ABOUT](#)

## **Table Design**

Table 1 : **Login**

Primary key : Login\_id

| Field name | Data type   | Constraint  |
|------------|-------------|-------------|
| Login_id   | int         | Primary key |
| Username   | Varchar(20) | Not null    |
| Password   | Varchar(20) | Not null    |
| Status     | Varchar(20) | Not null    |

Table 2: **User registration**

Primary key : User\_id

| Field name | Data type   | Constraint  |
|------------|-------------|-------------|
| User_id    | int         | Primary key |
| name       | Varchar(20) | Not null    |
| state      | Varchar(20) | Not null    |
| city       | Varchar(20) | Not null    |
| Con.number | int(20)     | Not null    |
| Email.id   | Varchar(20) | Not null    |
| username   | Varchar(20) | Not null    |
| password   | Varchar(20) | Not null    |
| status     | Int(5)      | Not null    |

Table 3 : **Car name**

Primary key : Manufacture\_id

Foreign key : Carname\_id

| Field name     | Data type   | Constraint  |
|----------------|-------------|-------------|
| Manufacture_id | int         | Primary key |
| Carname_id     | int         | Foreign key |
| Car name       | Varchar(20) | Not null    |

Table 4 : **Varients**

Primary key : carname\_id

| Field name              | Data type   | Constraint  |
|-------------------------|-------------|-------------|
| carname_id              | int         | Primary key |
| Variant name            | Varchar(20) | Not null    |
| Type                    | Varchar(10) | Not null    |
| Fuel type               | Varchar(10) | Not null    |
| Displacement            | Varchar(10) | Not null    |
| Transmission            | Varchar(10) | Not null    |
| Gearbox                 | Varchar(10) | Not null    |
| Max power               | Varchar(10) | Not null    |
| Max torque              | Varchar(10) | Not null    |
| No. of cylinders        | Varchar(10) | Not null    |
| Fuel capacity           | Varchar(10) | Not null    |
| ARAI milage             | Varchar(10) | Not null    |
| Grand clearence         | Varchar(10) | Not null    |
| Wheel base              | Varchar(10) | Not null    |
| Kerb weight             | Varchar(10) | Not null    |
| Boot space              | Varchar(10) | Not null    |
| Length                  | Varchar(10) | Not null    |
| Width                   | Varchar(10) | Not null    |
| Tyres                   | Varchar(10) | Not null    |
| Seat                    | Int(10)     | Not null    |
| Power windows           | Varchar(10) | Not null    |
| ABS                     | Varchar(10) | Not null    |
| Central lock            | Varchar(10) | Not null    |
| All wheel drive         | Varchar(10) | Not null    |
| Touch screen navigation | Varchar(10) | Not null    |
| Sunroof                 | Varchar(10) | Not null    |
| Reverse camera          | Varchar(10) | Not null    |
| Fog light               | Varchar(10) | Not null    |
| DRLS                    | Varchar(10) | Not null    |
| Cruise control          | Varchar(10) | Not null    |
| Electric ORVM           | Varchar(10) | Not null    |
| Colours                 | Varchar(10) | Not null    |
| Ex. Showroom price      | Varchar(10) | Not null    |



Table 5 : **Feedback**

Primary key : feedback\_id

Foreign key : user\_id

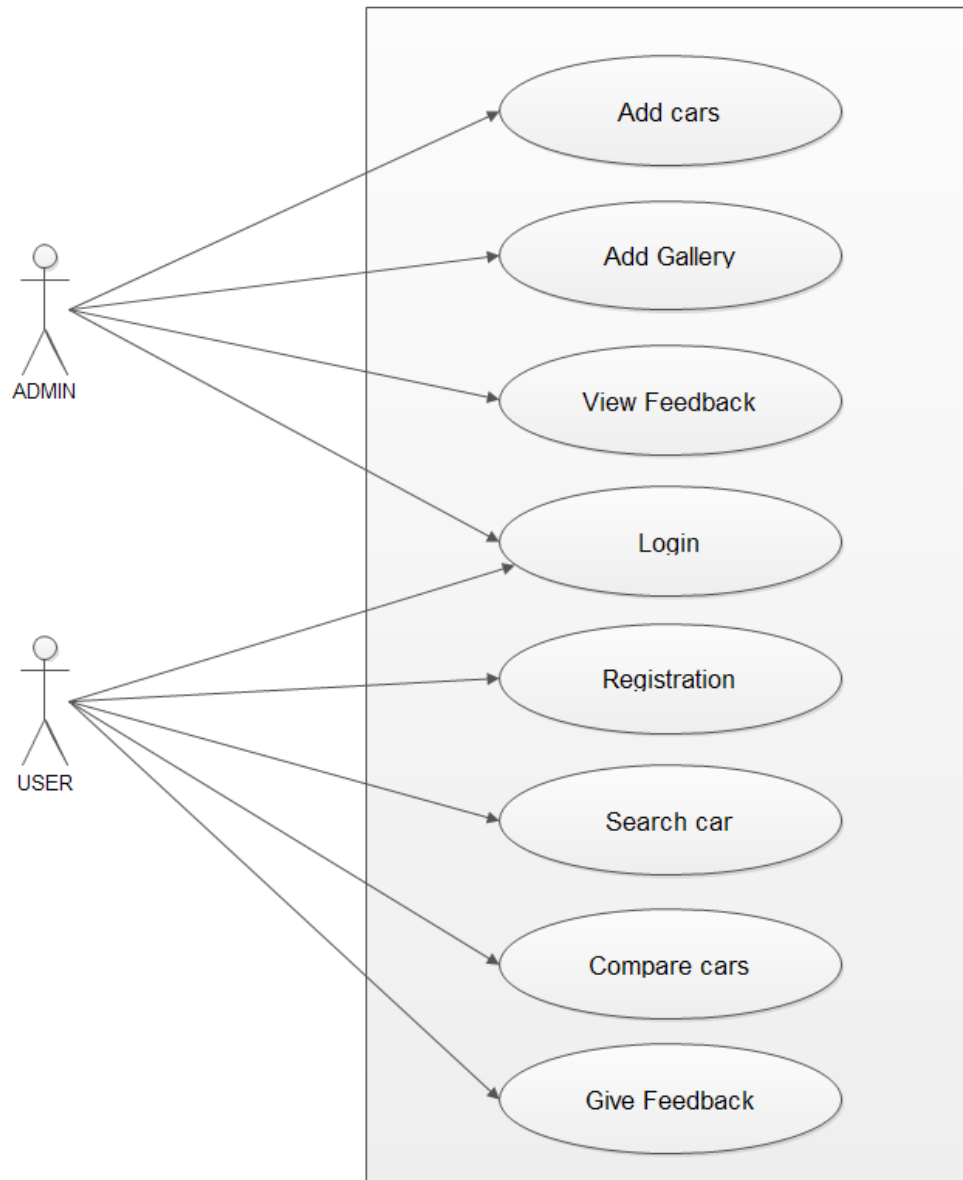
| Field name  | Data type   | Constraint  |
|-------------|-------------|-------------|
| Feedback_id | int         | Primary key |
| User_id     | int         | Foreign key |
| Feedback    | Varchar(50) | Not null    |
| Date        | date        | Not null    |

Table 6 : **Gallery**

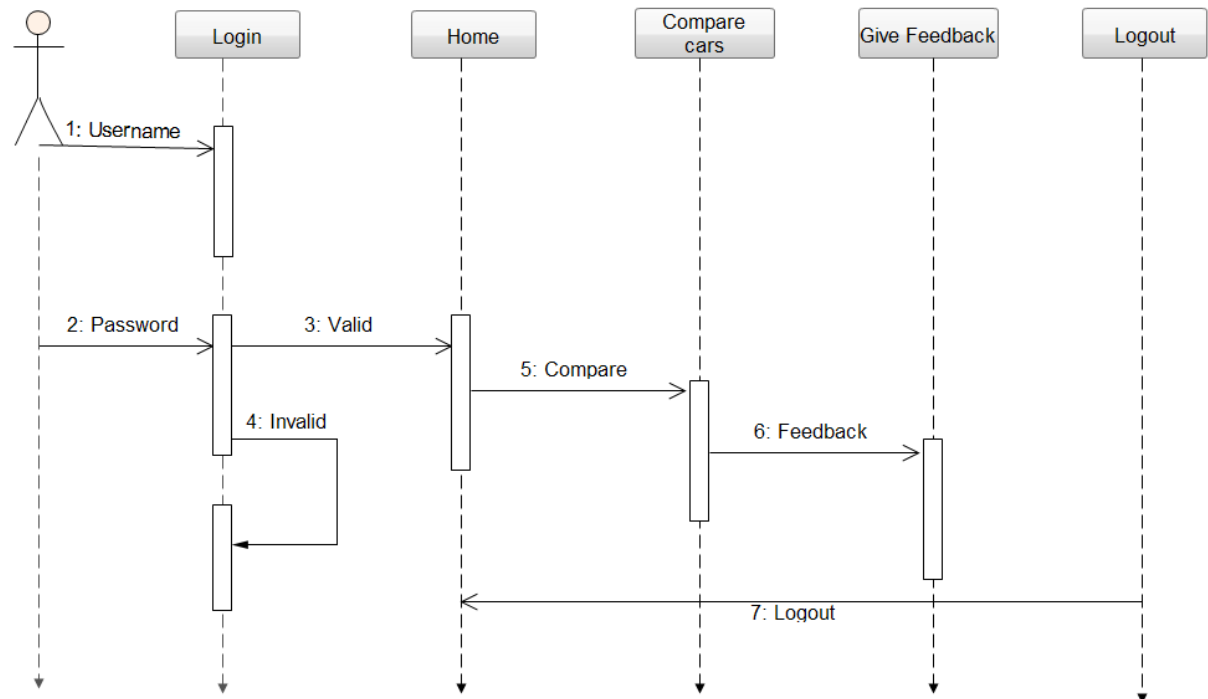
Primary key : image\_id

| Field name | Data type | Constraint  |
|------------|-----------|-------------|
| Image_id   | Int       | Primary key |
| image      | BLOB      | Not null    |

## Usecase Diagram



## User Sequence Diagram



## Admin Sequence Diagram

