

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 car details
- Managing comparison
- 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
------	------	--------------	---------	-------	-------

[Click here to signup](#)

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"/>

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

Select car

Select variant

Type

Fuel type

Displacement

Transmission

Gearbox

Max power

Max Torque

No. of cylinder

Fuel capacity

ARAI milage

Ground clearance

Wheel base

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

Foreign key : User_id

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

Table 2: **Registration details**

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 : **Company details**

Primary key : Company_id

Field name	Data type	Constraint
Company_id	int	Primary key
Company name	Varchar(20)	Not null
Status	Varchar(10)	Not null

Table 4 : **Car Model**

Primary key : Car_id

Foreign key : Company_id

Field name	Data type	Constraint
car_id	int	Primary key
Company_id	int	Foreign key
Car model	Varchar(10)	Not null
Status	Varchar(10)	Not null

Table 5 : **Varients details**

Primary key : Var_id

Foreign key : Car_id

Field name	Data type	Constraint
Var_id	int	Primary key
Car_id	int	Foreign key
Varient name	Varchar(10)	Not null
Status	Varchar(10)	Not null

Table 6 : **Type**

Primary key : Type_id

Foreign key : Car_id

Field name	Data type	Constraint
Company_id	int	Primary key
Car_id	int	Foreign key
Type	Varchar(10)	Not null
Status	Varchar(20)	Not null

Table 7 : **Fuel details**

Primary key : Fuel_id

Foreign key : Car_id

Foreign key : Var_id

Field name	Data type	Constraint
Fuel_id	int	Primary key
Car_id	int	Foreign key
Var_id	int	Foreign key
Fuel type	Varchar(10)	Not null
Fuel capacity	Varchar(10)	Not null
ARAI milage	Varchar(10)	Not null
Status	Varchar(10)	Not null

Table 8 : **Engine details**

Primary key : Disp_id

Foreign key : car_id

Field name	Data type	Constraint
Disp_id	int	Primary key
Car_id	int	Foreign key
Displacement	Varchar(10)	Not null
Max power	Varchar(10)	Not null
Max torque	Varchar(10)	Not null
No. of cylinders	Varchar(10)	Not null
Status	Varchar(10)	Not null

Table 9 : **Transmission details**

Primary key : Trans_id

Foreign key : Car_id

Field name	Data type	Constraint
Trans_id	int	Primary key
Car_id	int	Foreign key
Transmission	Varchar(10)	Not null
Gearbox	Varchar(10)	Not null
Status	Varchar(10)	Not null

Table 10 : **Seat details**

Primary key : Seat_id

Foreign key : Car_id

Field name	Data type	Constraint
Seat_id	int	Primary key
Car_id	int	Foreign key
Seat	Int(10)	Not null
Status	Varchar(10)	Not null

Table 11 : **Dimension details**

Primary key : Dim_id

Foreign key : Car_id

Field name	Data type	Constraint
DIm_id	int	Primary key
Car_id	int	Foreign key
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
Height	Varchar(10)	Not null
Width	Varchar(10)	Not null
Status	Varchar(10)	Not null

Table 12 : **Features**

Primary key : Feat_id

Foreign key : Car_id

Foreign key : Var_id

Field name	Data type	Constraint
Feat_id	int	Primary key
Car_id	int	Foreign key
Var_id	int	Foreign key
Tyres	Varchar(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
Status	Varchar(10)	Not null

Table 13 : **Price details**

Primary key : Price_id

Foreign key : Car_id

Foreign key : Var_id

Field name	Data type	Constraint
Price_id	int	Primary key
Car_id	int	Foreign key
Var_id	int	Foreign key
Ex. Showroom price	Varchar(10)	Not null
Status	Varchar(10)	Not null

Table 14 : **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
Status	Varchar(10)	Not null

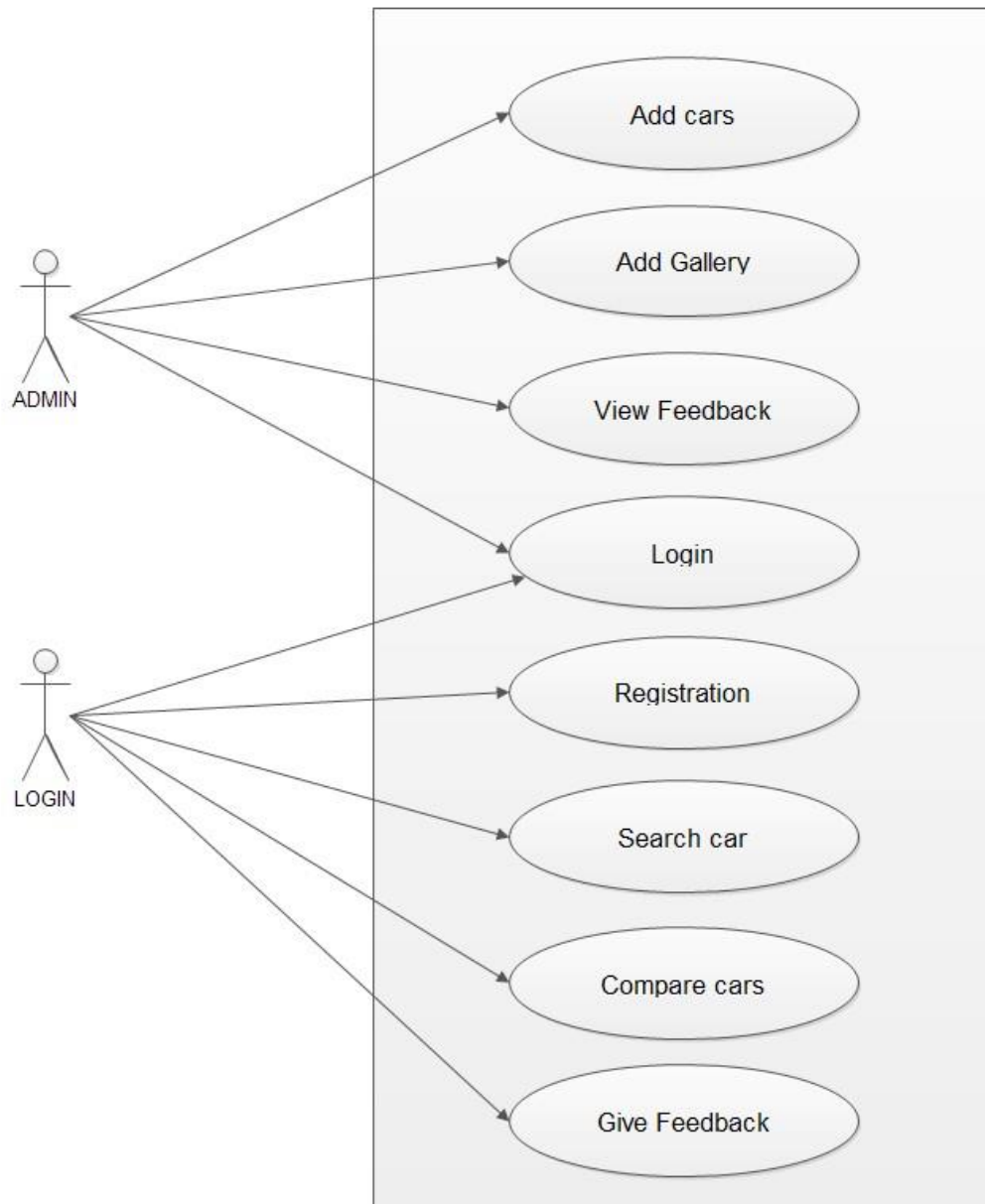
Table 15 : **Gallery**

Primary key : Image_id

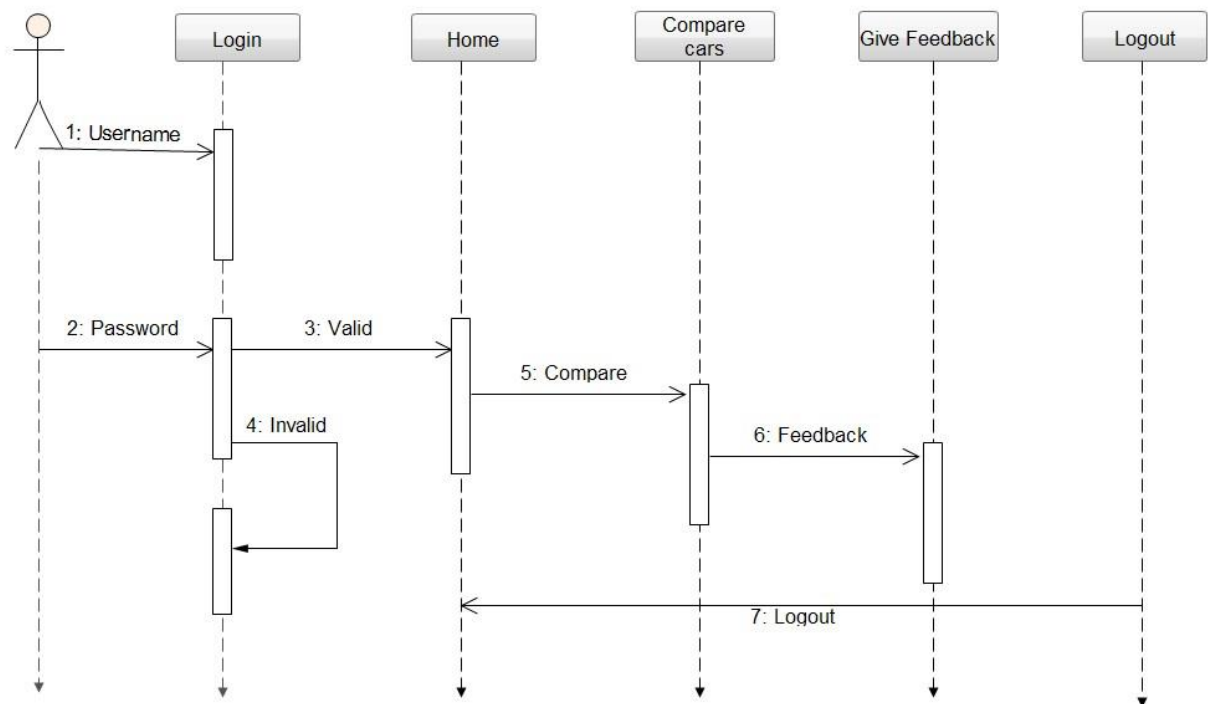
Foreign key : Car_id

Field name	Data type	Constraint
Image_id	Int	Primary key
Car_id	int	Foreign key
image	BLOB	Not null
Status	Varchar(10)	Not null

Usecase Diagram



User Sequence Diagram



Admin Sequence Diagram

