NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY

(AN AUTONOMOUS INSTITUTION AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM)
PB No. 6429, Yelahanka, Bangalore 560-064, Karnataka
Telephone: 080- 22167800, 22167860

DATABASE MANAGEMENT SYSTEM LAB
PROJECT REPORT

on

Supercars Management System

Submitted by:

HRITHIK DEVAIAH B A	(1NT17CS066)
K SOUMITH	(1NT17CS080)
KEN KOSHY	(1NT17CS087)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Nitte Meenakshi Institute of Technology

(AN AUTONOMOUS INSTITUTION AFFILIATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM)

PB No. 6429, Yelahanka, Bangalore 560-064, Karnataka
Telephone: 080- 22167800, 22167860

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

This is to certify that the Course Project titled "CARS & CARS" is an authentic work carried out by **HRITHIK DEVAIAH B A (1NT17CS066), K SOUMITH (1NT17CS080), KEN KOSHY (1NT17CS087),** bonafide students of **Nitte Meenakshi Institute of Technology**, Bengaluru in partial fulfilment for the course " **Database management system lab ",** to award the degree of ***Bachelor of Engineering*** in COMPUTER SCIENCE AND ENGINEERING ,Visvesvaraya Technological University, Belagavi during the academic year ***2018-2019.***

Signature of the Faculty Incharge **Signature of the HOD**

_____ _____

Mrs. Ramya Srikanteswara **Dr. M N Thippeswamy**

ACKNOWLEDGEMENT

The satisfaction and euphoria that accompany the successful completion of any task would be incomplete without the mention of the people who made it possible, whose constant guidance and encouragement crowned our effort with success. I express my sincere gratitude to our Principal **Dr H. C. Nagaraj**, Nitte Meenakshi Institute of Technology for providing facilities.

We wish to thank our HOD**, Dr Thippeswamy M.N**. for the excellent environment created for further educational growth in our department. We also thank him for the invaluable guidance provided which has helped in the creation of a better project.

I hereby like to thank our guide **Mrs. Ramya Srikanteswara, Assistant Professor**, Department of Computer Science & Engineering on her periodic inspection, time to time evaluation of the project and help to bring the project to the present form.

DECLARATION

I hereby declare that,

(i) This report does not contain text, graphics or tables copied and pasted from the Internet, unless specifically acknowledged, and the source being detailed in the report and in the References sections.

(ii) All corrections and suggestions indicated during the internal presentation have been incorporated in the report.

NAME:	USN:	Signature
HRITHIK DEVAIAH B A	1NT17CS066	
K SOUMITH	1NT17CS080	
KEN KOSHY	1NT17CS087	

Table of Contents

Sl. No	CONTENTS
1.	Introduction
2.	ER Diagram
3.	Integration with UI
4.	Tables & Values
5.	Snapshots

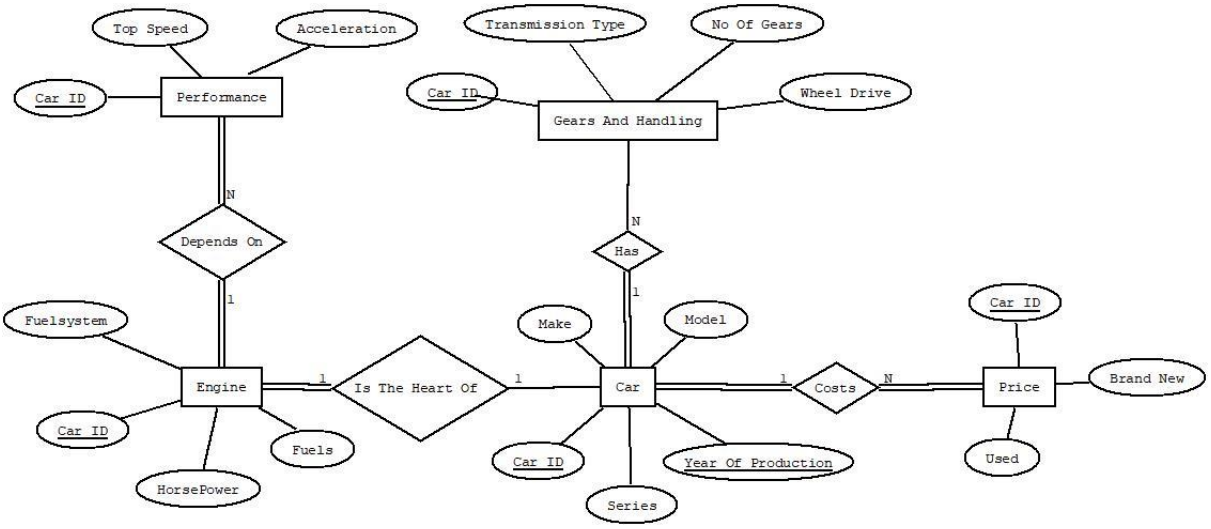
INTRODUCTION

A Supercar also called exotic car is a loosely defined description of certain very expensive and high performance sports cars.

Supercars are marketed by automakers as unusual and include limited production specials from an 'elite' automaker, standard looking cars modified for power and performance,as well as models that appeal to enthusiasts from smaller manufacturers. Some people don't see the point of Supercars. They say every car takes you to the place you want to go,so there is no point in paying a huge price for a car. But this is not the case. It may be partially true,but a Supercar will take you there faster and you will have a ride with lots of luxury, altogether having a more enjoyable ride.

If you buy a Supercar , your car will stand out from everybody else's. Supercars definitely play a big role in our transport , even though you may not see them very often.

E R DIAGRAM


Top Speed
Acceleration
Car ID
Performance
Transmission Type
No Of Gears
Car ID
Gears And Handling
Wheel Drive
N
Depends On
1
N
Has
1
Fuelsystem
Engine
1
Is The Heart Of
1
Make
Model
Car
1
Costs
N
Car ID
Price
Brand New
Car ID
Fuels
HorsePower
Car ID
Year Of Production
Series
Used

CODE

INDEX

```
<!DOCTYPE html>
<html lang="en">
<title>CARS</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Raleway">
<style>
    body {
        font-family: "Raleway", sans-serif;
        background-image: url(" lol.jpg ");
        background-position: center;
        /* Center the image */
        background-repeat: no-repeat;
        /* Do not repeat the image */
        background-size: cover;
        /* Resize the background image to cover the entire container */
    }

    h1,
    h2,
    h3,
    h4,
    h5 {
        font-family: "Raleway", sans-serif;
    }

    .w3-quarter img {
        margin-bottom: -6px;
        cursor: pointer
    }

    .w3-quarter img:hover {
        opacity: 0.6;
        transition: 0.3s
    }
</style>

<body class="w3-light-grey">

    <!-- Sidebar/menu -->
    <nav class="w3-sidebar w3-bar-block w3-black w3-animate-right w3-
top w3-text-light-grey w3-large" style="z-index:3;width:250px;font-
weight:bold;display:none;right:0;" id="mySidebar">
        <a href="javascript:void()" onclick="w3_close()" class="w3-bar-
item w3-button w3-center w3-padding-32">CLOSE</a>
        <a href="/dbmsproj/listall.html" onclick="w3_close()"
class="w3-bar-item w3-button w3-center w3-padding-16">LIST ALL</a>
        <a href="/dbmsproj/login.php" onclick="w3_close()" class="w3-
bar-item w3-button w3-center w3-padding-16">LOGIN</a>
        <a href="/dbmsproj/about.html" onclick="w3_close()" class="w3-
bar-item w3-button w3-center w3-padding-16">ABOUT</a>
    </nav>

    <!-- Top menu on small screens -->
    <header class="w3-container w3-top w3-white w3-xlarge w3-padding-
16">
```

```
        <span class="w3-left w3-padding">CARS & CARS</span>
        <a href="javascript:void(0)" class="w3-right w3-button w3-
white" onclick="w3_open()">☰</a>
    </header>

    <!-- Overlay effect when opening sidebar on small screens -->
    <div class="w3-overlay w3-animate-opacity" onclick="w3_close()"
style="cursor:pointer" title="close side menu" id="myOverlay"></div>

    <!-- !PAGE CONTENT! -->
    <div class="w3-main w3-content" style="max-width:1600px;margin-
top:83px;height:1000px;">
        <center>
            <br><br><br><br><br>
            <a href="search.html"><img src="searched.svg" height="206"
width="206" align="middle" hspace="35"></a>
            <a href="fuels.html"><img src="gasoline.svg" height="206"
width="206" align="middle" hspace="35"></a>
            <a href="price.html"><img src="price.svg" height="206"
width="206" align="middle" hspace="35"></a>
            <a href="gears.html"><img src="gears.svg" height="206"
width="206" align="middle" hspace="35"></a>
            <a href="wheel.html"><img src="wheeld.jpg" height="206"
width="206" align="middle" hspace="35"></a>
        </center>
    </div>

    <!-- Modal for full size images on click-->
    <div id="modal01" class="w3-modal w3-black" style="padding-top:0"
onclick="this.style.display='none'">
        <span class="w3-button w3-black w3-xlarge w3-display-
topright">×</span>
        <div class="w3-modal-content w3-animate-zoom w3-center w3-
transparent w3-padding-64">
            <img id="img01" class="w3-image">
            <p id="caption"></p>
        </div>
    </div>

    <script>
        // Script to open and close sidebar
        function w3_open() {
            document.getElementById("mySidebar").style.display =
"block";
            document.getElementById("myOverlay").style.display =
"block";
        }

        function w3_close() {
            document.getElementById("mySidebar").style.display =
"none";
            document.getElementById("myOverlay").style.display =
"none";
        }

        // Modal Image Gallery
        function onClick(element) {
            document.getElementById("img01").src = element.src;
            document.getElementById("modal01").style.display = "block";
            var captionText = document.getElementById("caption");
            captionText.innerHTML = element.alt;
        }
```

```
    </script>


</body>

</html>
```

CONFIGURATIONS

```
<?php
/* Database credentials. Assuming you are running MySQL
server with default setting (user 'root' with no password) */
define('DB_SERVER', 'localhost');
define('DB_USERNAME', 'root');
define('DB_PASSWORD', 'donut');
define('DB_NAME', 'cars');

/* Attempt to connect to MySQL database */
$link = mysqli_connect(DB_SERVER, DB_USERNAME, DB_PASSWORD, DB_NAME);

// Check connection
if($link === false){
    die("ERROR: Could not connect. " . mysqli_connect_error());
}
?>
```

WELCOME

```
<?php
// Initialize the session
session_start();

// Check if the user is logged in, if not then redirect him to login
page
if(!isset($_SESSION["loggedin"]) || $_SESSION["loggedin"] !== true){
    header("location: login.php");
    exit;
}
?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Welcome</title>
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.css
">
    <style type="text/css">
        body{ font: 14px sans-serif; text-align: center; }
    </style>
</head>
<body>
    <div class="page-header">
        <h1>Hi, <b><?php echo htmlspecialchars($_SESSION["username"]);
?></b>. Welcome to CARS & CARS.</h1>
    </div>
    <p>
        <a href="add.html" class="btn btn-info">add new car</a>
        <a href="del.html" class="btn btn-danger">delete car</a>
```

```
        <a href="reset-password.php" class="btn btn-warning">Reset Your
Password</a>
        <a href="logout.php" class="btn btn-danger">Sign Out of Your
Account</a>
    </p>
</body>
</html>
```

LOGIN

```
<?php
// Initialize the session
session_start();

// Check if the user is already logged in, if yes then redirect him to
welcome page
if(isset($_SESSION["loggedin"]) && $_SESSION["loggedin"] === true){
    header("location: welcome.php");
    exit;
}

// Include config file
require_once "config.php";

// Define variables and initialize with empty values
$username = $password = "";
$username_err = $password_err = "";

// Processing form data when form is submitted
if($_SERVER["REQUEST_METHOD"] == "POST"){

    // Check if username is empty
    if(empty(trim($_POST["username"]))){
        $username_err = "Please enter username.";
    } else{
        $username = trim($_POST["username"]);
    }

    // Check if password is empty
    if(empty(trim($_POST["password"]))){
        $password_err = "Please enter your password.";
    } else{
        $password = trim($_POST["password"]);
    }

    // Validate credentials
    if(empty($username_err) && empty($password_err)){
        // Prepare a select statement
        $sql = "SELECT id, username, password FROM users WHERE username
= ?";

        if($stmt = mysqli_prepare($link, $sql)){
            // Bind variables to the prepared statement as parameters
            mysqli_stmt_bind_param($stmt, "s", $param_username);

            // Set parameters
            $param_username = $username;

            // Attempt to execute the prepared statement
            if(mysqli_stmt_execute($stmt)){
                // Store result
                mysqli_stmt_store_result($stmt);
```

```
                // Check if username exists, if yes then verify
password
                if(mysqli_stmt_num_rows($stmt) == 1){
                    // Bind result variables
                    mysqli_stmt_bind_result($stmt, $id, $username,
$hashed_password);
                    if(mysqli_stmt_fetch($stmt)){
                        if(password_verify($password,
$hashed_password)){
                            // Password is correct, so start a new
session
                            session_start();

                            // Store data in session variables
                            $_SESSION["loggedin"] = true;
                            $_SESSION["id"] = $id;
                            $_SESSION["username"] = $username;

                            // Redirect user to welcome page
                            header("location: welcome.php");
                        } else{
                            // Display an error message if password is
not valid
                            $password_err = "The password you entered
was not valid.";
                        }
                    }
                } else{
                    // Display an error message if username doesn't
exist
                    $username_err = "No account found with that
username.";
                }
            } else{
                echo "Oops! Something went wrong. Please try again
later.";
            }
        }

        // Close statement
        mysqli_stmt_close($stmt);
    }

    // Close connection
    mysqli_close($link);
}
?>
```

LOGIN

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Login</title>
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.css
">
    <style type="text/css">
        body{ font: 14px sans-serif; }
        .wrapper{ width: 350px; padding: 20px; }
    </style>
```

```
</head>
<body>
    <div class="wrapper">
        <h2>Login</h2>
        <p>Please fill in your credentials to login.</p>
        <form action="<?php echo
htmlspecialchars($_SERVER["PHP_SELF"]); ?>" method="post">
            <div class="form-group <?php echo (!empty($username_err)) ?
'has-error' : ''; ?>">
                <label>Username</label>
                <input type="text" name="username" class="form-control"
value="<?php echo $username; ?>">
                <span class="help-block"><?php echo $username_err;
?></span>
            </div>
            <div class="form-group <?php echo (!empty($password_err)) ?
'has-error' : ''; ?>">
                <label>Password</label>
                <input type="password" name="password" class="form-
control">
                <span class="help-block"><?php echo $password_err;
?></span>
            </div>
            <div class="form-group">
                <input type="submit" class="btn btn-primary"
value="Login">
            </div>
        </form>
        <br>
        <a href="index.html" class="btn btn-info">Back to HOME</a>
    </div>
</body>
</html>
```

LOGOUT

```
<?php
// Initialize the session
session_start();

// Unset all of the session variables
$_SESSION = array();

// Destroy the session.
session_destroy();

// Redirect to login page
header("location: login.php");
exit;
?>
```

REGISTER PHP

```
<?php
// Include config file
require_once "config.php";

// Define variables and initialize with empty values
$username = $password = $confirm_password = "";
$username_err = $password_err = $confirm_password_err = "";

// Processing form data when form is submitted
```

```
if($_SERVER["REQUEST_METHOD"] == "POST"){

    // Validate username
    if(empty(trim($_POST["username"]))){
        $username_err = "Please enter a username.";
    } else{
        // Prepare a select statement
        $sql = "SELECT id FROM users WHERE username = ?";

        if($stmt = mysqli_prepare($link, $sql)){
            // Bind variables to the prepared statement as parameters
            mysqli_stmt_bind_param($stmt, "s", $param_username);

            // Set parameters
            $param_username = trim($_POST["username"]);

            // Attempt to execute the prepared statement
            if(mysqli_stmt_execute($stmt)){
                /* store result */
                mysqli_stmt_store_result($stmt);

                if(mysqli_stmt_num_rows($stmt) == 1){
                    $username_err = "This username is already taken.";
                } else{
                    $username = trim($_POST["username"]);
                }
            } else{
                echo "Oops! Something went wrong. Please try again
later.";
            }
        }

        // Close statement
        mysqli_stmt_close($stmt);
    }

    // Validate password
    if(empty(trim($_POST["password"]))){
        $password_err = "Please enter a password.";
    } elseif(strlen(trim($_POST["password"])) < 6){
        $password_err = "Password must have atleast 6 characters.";
    } else{
        $password = trim($_POST["password"]);
    }

    // Validate confirm password
    if(empty(trim($_POST["confirm_password"]))){
        $confirm_password_err = "Please confirm password.";
    } else{
        $confirm_password = trim($_POST["confirm_password"]);
        if(empty($password_err) && ($password != $confirm_password)){
            $confirm_password_err = "Password did not match.";
        }
    }

    // Check input errors before inserting in database
    if(empty($username_err) && empty($password_err) &&
empty($confirm_password_err)){

        // Prepare an insert statement
        $sql = "INSERT INTO users (username, password) VALUES (?, ?)";
```

```
        if($stmt = mysqli_prepare($link, $sql)){
            // Bind variables to the prepared statement as parameters
            mysqli_stmt_bind_param($stmt, "ss", $param_username,
$param_password);

            // Set parameters
            $param_username = $username;
            $param_password = password_hash($password,
PASSWORD_DEFAULT); // Creates a password hash

            // Attempt to execute the prepared statement
            if(mysqli_stmt_execute($stmt)){
                // Redirect to login page
                header("location: login.php");
            } else{
                echo "Something went wrong. Please try again later.";
            }
        }

        // Close statement
        mysqli_stmt_close($stmt);
    }

    // Close connection
    mysqli_close($link);
}
?>
```

REGISTER

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Sign Up</title>
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.css
">
    <style type="text/css">
        body{ font: 14px sans-serif; }
        .wrapper{ width: 350px; padding: 20px; }
    </style>
</head>
<body>
    <div class="wrapper">
        <h2>Sign Up</h2>
        <p>Please fill this form to create an account.</p>
        <form action="<?php echo
htmlspecialchars($_SERVER["PHP_SELF"]); ?>" method="post">
            <div class="form-group <?php echo (!empty($username_err)) ?
'has-error' : ''; ?>">
                <label>Username</label>
                <input type="text" name="username" class="form-control"
value="<?php echo $username; ?>">
                <span class="help-block"><?php echo $username_err;
?></span>
            </div>
            <div class="form-group <?php echo (!empty($password_err)) ?
'has-error' : ''; ?>">
                <label>Password</label>
                <input type="password" name="password" class="form-
control" value="<?php echo $password; ?>">
```

```
                <span class="help-block"><?php echo $password_err;
?></span>
            </div>
            <div class="form-group <?php echo
(!empty($confirm_password_err)) ? 'has-error' : ''; ?>">
                <label>Confirm Password</label>
                <input type="password" name="confirm_password"
class="form-control" value="<?php echo $confirm_password; ?>">
                <span class="help-block"><?php echo
$confirm_password_err; ?></span>
            </div>
            <div class="form-group">
                <input type="submit" class="btn btn-primary"
value="Submit">
                <input type="reset" class="btn btn-default"
value="Reset">
            </div>
            <p>Already have an account? <a href="login.php">Login
here</a>.</p>
        </form>
    </div>
</body>
</html>
```

ADD

A)HTML

```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <title>Add cars</title>
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.css
">
    <style type="text/css">
        body {
            font: 14px sans-serif;
            text-align: center;
        }
    </style>
</head>

<body>
    <div class="page-header">
        <h1>Hi, <b><?php echo htmlspecialchars($_SESSION["username"]);
?></b>CARS & CARS.</h1>
    </div>
    <h1>Enter details of new car</h1>

    <form action="add.php" method="POST">
        ID:
        <br><input type="text" name="id"><br> Make:
        <br><input type="text" name="make"><br> Model:
        <br><input type="text" name="model"><br> Series:
        <br><input type="text" name="series"><br> Year of Production:
        <br><input type="text" name="year_of_prod"><br> Horsepower:
        <br><input type="text" name="horsepower"><br> Fuelsystem:
        <br><input type="text" name="fuelsystem"><br> Fuel:
        <br><input type="text" name="fuel"><br> Type:
        <br><input type="text" name="type"><br> No of Gears:
```

```
        <br><input type="text" name="no_of_gears"><br> Wheel Drive:
        <br><input type="text" name="wheel_drive"><br> Top speed:
        <br><input type="text" name="topspeed"><br> Acceleration:
        <br><input type="text" name="acceleration"><br> New price:
        <br><input type="text" name="new"><br> Used price:
        <br><input type="text" name="used"><br> Pic Link:
        <br><input type="text" name="pic"><br> Video Link:
        <br><input type="text" name="video"><br>Web Link:
        <br><input type="text" name="link"><br><br>

        <input type="reset" value="RESET">
        <input type="submit" value="Submit"><br><br>
    </form>

    <p>
        <a href="welcome.php" class="btn btn-info">Back to HOME</a>
        <a href="logout.php" class="btn btn-danger">Sign Out of Your
Account</a>
    </p>
</body>

</html>
```

B)PHP

```
<?php
// Initialize the session
session_start();

// Check if the user is logged in, if not then redirect him to login
page
if(!isset($_SESSION["loggedin"]) || $_SESSION["loggedin"] !== true){
    header("location: login.php");
    exit;
}

$servername = "localhost";
$username = "root";
$password = "donut";
$dbname = "cars";

// Create connection
$conn = new mysqli($servername, $username, $password, $dbname);
// Check connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}

$id = $_POST['id'];
$make = $_POST['make'];
$model = $_POST['model'];
$series = $_POST['series'];
$year_of_prod = $_POST['year_of_prod'];
$horsepower = $_POST['horsepower'];
$fuelsystem = $_POST['fuelsystem'];
$fuel = $_POST['fuel'];
$type = $_POST['type'];
$no_of_gears = $_POST['no_of_gears'];
$wheel_drive = $_POST['wheel_drive'];
$topspeed = $_POST['topspeed'];
$acceleration = $_POST['acceleration'];
```

```
$new = $_POST['new'];
$used = $_POST['used'];
$pic = $_POST['pic'];
$video = $_POST['video'];
$link = $_POST['link'];

$sql = "INSERT INTO cars (id, make, model, series, year_of_prod)
VALUES ($id, '$make', '$model', '$series', '$year_of_prod');";
$sql .= "INSERT INTO engine (id, horsepower, fuelsystem, fuel)
VALUES ($id, $horsepower, '$fuelsystem', '$fuel');";
$sql .= "INSERT INTO performance (id, top_speed, acceleration)
VALUES ($id, $topspeed, $acceleration);";
$sql .= "INSERT INTO price (id, new, used)
VALUES ($id, $new, $used);";
$sql .= "INSERT INTO look (id, pic, video, link)
VALUES ($id, '$pic', '$video', '$link');";
$sql .= "INSERT INTO gears_and_handling (id, type, no_of_gears,
wheel_drive)
VALUES ($id, '$type', $no_of_gears, '$wheel_drive')";


if ($conn->multi_query($sql) === TRUE) {
    echo "New records created successfully
    $id, '$make', '$model', '$series', '$year_of_prod', $horsepower,
'$fuelsystem', '$fuel', $topspeed, $acceleration, $new, $used, '$pic',
'$video', '$link', '$type', $no_of_gears, '$wheel_drive'";

} else {
    echo "Error: " . $sql . "<br>" . $conn->error;
}

$conn->close();
?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Car Added</title>
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.css
">
    <style type="text/css">
        body{ font: 14px sans-serif; text-align: center; }
    </style>
</head>
<body>
    <div class="page-header">
        <h1>Hi, <b><?php echo htmlspecialchars($_SESSION["username"]);
?></b> Welcome to CARS & CARS.</h1>
    </div>
    <p>
        <a href="welcome.php" class="btn btn-info">Back to HOME</a>
        <a href="logout.php" class="btn btn-danger">Sign Out of Your
Account</a>
    </p>
</body>
</html>
```

DELETE

A)HTML

```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <title>Car Delete</title>
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.css
">
    <style type="text/css">
        body {
            font: 14px sans-serif;
            text-align: center;
        }
    </style>
</head>

<body>
    <div class="page-header">
        <h1>Hi, <b><?php echo htmlspecialchars($_SESSION["username"]);
?></b> Welcome to CARS & CARS.</h1>
    </div>

    <h1>Enter the ID to be deleted</h1>

    <form action="del.php" method="POST">
        ID:
        <br><input type="text" name="id"><br><br>

        <input type="reset" value="RESET">
        <input type="submit" value="Submit"><br><br>
    </form>


    <p>
        <a href="welcome.php" class="btn btn-info">Back to HOME</a>
        <a href="logout.php" class="btn btn-danger">Sign Out of Your
Account</a>
    </p>
</body>

</html>
```

B)PHP

```
<?php
session_start();

// Check if the user is logged in, if not then redirect him to login
page
if(!isset($_SESSION["loggedin"]) || $_SESSION["loggedin"] !== true){
    header("location: login.php");
    exit;
}

$servername = "localhost";
```

```
$username = "root";
$password = "donut";
$dbname = "cars";

// Create connection
$conn = mysqli_connect($servername, $username, $password, $dbname);
// Check connection
if (!$conn) {
    die("Connection failed: " . mysqli_connect_error());
}

$id = $_POST['id'];
// sql to delete a record
$sql = "DELETE FROM cars WHERE id = $id";

if (mysqli_query($conn, $sql)) {
    echo "Record deleted successfully";
} else {
    echo "Error deleting record: " . mysqli_error($conn);
}

mysqli_close($conn);
?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Car removed</title>
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.css
">
    <style type="text/css">
        body{ font: 14px sans-serif; text-align: center; }
    </style>
</head>
<body>
    <div class="page-header">
        <h1>Hi, <b><?php echo htmlspecialchars($_SESSION["username"]);
?></b> Welcome to CARS & CARS.</h1>
    </div>
    <p>
        <a href="welcome.php" class="btn btn-info">Back to HOME</a>
        <a href="logout.php" class="btn btn-danger">Sign Out of Your
Account</a>
    </p>
</body>
</html>
```

RESET PASSWORD

```
<?php
// Initialize the session
session_start();

// Check if the user is logged in, if not then redirect to login page
if(!isset($_SESSION["loggedin"]) || $_SESSION["loggedin"] !== true){
    header("location: login.php");
    exit;
}

// Include config file
```

```
require_once "config.php";

// Define variables and initialize with empty values
$new_password = $confirm_password = "";
$new_password_err = $confirm_password_err = "";

// Processing form data when form is submitted
if($_SERVER["REQUEST_METHOD"] == "POST"){

    // Validate new password
    if(empty(trim($_POST["new_password"]))){
        $new_password_err = "Please enter the new password.";
    } elseif(strlen(trim($_POST["new_password"])) < 6){
        $new_password_err = "Password must have atleast 6 characters.";
    } else{
        $new_password = trim($_POST["new_password"]);
    }

    // Validate confirm password
    if(empty(trim($_POST["confirm_password"]))){
        $confirm_password_err = "Please confirm the password.";
    } else{
        $confirm_password = trim($_POST["confirm_password"]);
        if(empty($new_password_err) && ($new_password !=
$confirm_password)){
            $confirm_password_err = "Password did not match.";
        }
    }

    // Check input errors before updating the database
    if(empty($new_password_err) && empty($confirm_password_err)){
        // Prepare an update statement
        $sql = "UPDATE users SET password = ? WHERE id = ?";

        if($stmt = mysqli_prepare($link, $sql)){
            // Bind variables to the prepared statement as parameters
            mysqli_stmt_bind_param($stmt, "si", $param_password,
$param_id);

            // Set parameters
            $param_password = password_hash($new_password,
PASSWORD_DEFAULT);
            $param_id = $_SESSION["id"];

            // Attempt to execute the prepared statement
            if(mysqli_stmt_execute($stmt)){
                // Password updated successfully. Destroy the session,
and redirect to login page
                session_destroy();
                header("location: login.php");
                exit();
            } else{
                echo "Oops! Something went wrong. Please try again
later.";
            }
        }

        // Close statement
        mysqli_stmt_close($stmt);
    }

    // Close connection
```

```
    mysqli_close($link);
}
?>
```

RESET PASSWORD

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Reset Password</title>
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.css
">
    <style type="text/css">
        body{ font: 14px sans-serif; }
        .wrapper{ width: 350px; padding: 20px; }
    </style>
</head>
<body>
    <div class="wrapper">
        <h2>Reset Password</h2>
        <p>Please fill out this form to reset your password.</p>
        <form action="<?php echo
htmlspecialchars($_SERVER["PHP_SELF"]); ?>" method="post">
            <div class="form-group <?php echo
(!empty($new_password_err)) ? 'has-error' : ''; ?>">
                <label>New Password</label>
                <input type="password" name="new_password" class="form-
control" value="<?php echo $new_password; ?>">
                <span class="help-block"><?php echo $new_password_err;
?></span>
            </div>
            <div class="form-group <?php echo
(!empty($confirm_password_err)) ? 'has-error' : ''; ?>">
                <label>Confirm Password</label>
                <input type="password" name="confirm_password"
class="form-control">
                <span class="help-block"><?php echo
$confirm_password_err; ?></span>
            </div>
            <div class="form-group">
                <input type="submit" class="btn btn-primary"
value="Submit">
                <a class="btn btn-link" href="welcome.php">Cancel</a>
            </div>
        </form>
    </div>
</body>
</html>
```

SEARCH

A)HTML

```
<!DOCTYPE html>
<html lang="en">
<title>CARS</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Raleway">
```

```
<style>
    body {
        font-family: "Raleway", sans-serif;
        background-image: url(" lol.jpg ");
        background-position: center;
        /* Center the image */
        background-repeat: no-repeat;
        /* Do not repeat the image */
        background-size: cover;
        /* Resize the background image to cover the entire container */
    }

    h1,
    h2,
    h3,
    h4,
    h5 {
        font-family: "Raleway", sans-serif;
    }

    .w3-quarter img {
        margin-bottom: -6px;
        cursor: pointer
    }

    .w3-quarter img:hover {
        opacity: 0.6;
        transition: 0.3s
    }
</style>

<body class="w3-light-grey">

    <!-- Sidebar/menu -->
    <nav class="w3-sidebar w3-bar-block w3-black w3-animate-right w3-
top w3-text-light-grey w3-large" style="z-index:3;width:250px;font-
weight:bold;display:none;right:0;" id="mySidebar">
        <a href="javascript:void()" onclick="w3_close()" class="w3-bar-
item w3-button w3-center w3-padding-32">CLOSE</a>
        <a href="/dbmsproj/" onclick="w3_close()" class="w3-bar-item
w3-button w3-center w3-padding-16">Home</a>
        <a href="/dbmsproj/login.php" onclick="w3_close()" class="w3-
bar-item w3-button w3-center w3-padding-16">LOGIN</a>
        <a href="/dbmsproj/about.html" onclick="w3_close()" class="w3-
bar-item w3-button w3-center w3-padding-16">ABOUT</a>
    </nav>

    <!-- Top menu on small screens -->
    <header class="w3-container w3-top w3-white w3-xlarge w3-padding-
16">
        <span class="w3-left w3-padding">CARS & CARS</span>
        <a href="javascript:void(0)" class="w3-right w3-button w3-
white" onclick="w3_open()">☰</a>
    </header>

    <!-- Overlay effect when opening sidebar on small screens -->
    <div class="w3-overlay w3-animate-opacity" onclick="w3_close()"
style="cursor:pointer" title="close side menu" id="myOverlay"></div>

    <!-- !PAGE CONTENT! -->
    <div class="w3-main w3-content" style="max-width:1600px;margin-
top:83px;height:1000px;color:gold; ">
```

```
        <center>
            <br><br><br><br><br><br><br>
            <h1 style="color:gold;">Search</h1>
            <form action="search.php" method="POST">
                Enter Search String:
                <br><input type="text" name="seastr"><br><br>
                <input type="submit" value="Submit"><br><br>
            </form>
        </center>
    </div>

    <script>
        // Script to open and close sidebar
        function w3_open() {
            document.getElementById("mySidebar").style.display =
"block";
            document.getElementById("myOverlay").style.display =
"block";
        }

        function w3_close() {
            document.getElementById("mySidebar").style.display =
"none";
            document.getElementById("myOverlay").style.display =
"none";
        }

        // Modal Image Gallery
        function onClick(element) {
            document.getElementById("img01").src = element.src;
            document.getElementById("modal01").style.display = "block";
            var captionText = document.getElementById("caption");
            captionText.innerHTML = element.alt;
        }
    </script>


</body>

</html>
```

B)PHP

```
<!DOCTYPE html>
<html lang="en">
<title>CARS</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Raleway">
<style>
    body,
    h1,
    h2,
    h3,
    h4,
    h5 {
        font-family: "Raleway", sans-serif
    }

    .w3-quarter img {
```

```
        margin-bottom: -6px;
        cursor: pointer
    }

    .w3-quarter img:hover {
        opacity: 0.6;
        transition: 0.3s
    }
</style>

<body class="w3-light-grey">

    <!-- Sidebar/menu -->
    <nav class="w3-sidebar w3-bar-block w3-black w3-animate-right w3-
top w3-text-light-grey w3-large" style="z-index:3;width:250px;font-
weight:bold;display:none;right:0;" id="mySidebar">
        <a href="javascript:void()" onclick="w3_close()" class="w3-bar-
item w3-button w3-center w3-padding-32">CLOSE</a>
        <a href="/dbmsproj/" onclick="w3_close()" class="w3-bar-item
w3-button w3-center w3-padding-16">Home</a>
        <a href="/dbmsproj/login.php" onclick="w3_close()" class="w3-
bar-item w3-button w3-center w3-padding-16">LOGIN</a>
        <a href="/dbmsproj/about.html" onclick="w3_close()" class="w3-
bar-item w3-button w3-center w3-padding-16">ABOUT</a>
    </nav>

    <!-- Top menu on small screens -->
    <header class="w3-container w3-top w3-white w3-xlarge w3-padding-
16">
        <span class="w3-left w3-padding">CARS & CARS</span>
        <a href="javascript:void(0)" class="w3-right w3-button w3-
white" onclick="w3_open()">☰</a>
    </header>

    <!-- Overlay effect when opening sidebar on small screens -->
    <div class="w3-overlay w3-animate-opacity" onclick="w3_close()"
style="cursor:pointer" title="close side menu" id="myOverlay"></div>

    <!-- !PAGE CONTENT! -->
    <div class="w3-main w3-content" style="max-width:1600px;margin-
top:83px;height:1000px; ">
    <?php
        require('config.php');
        $seastr = $_POST['seastr'];

        $sql = "SELECT * FROM cars , engine, gears_and_handling, look,
performance, price WHERE cars.id=engine.id AND
cars.id=gears_and_handling.id AND cars.id=look.id AND
cars.id=performance.id AND cars.id=price.id AND (cars.make LIKE
'%$seastr%' OR cars.model LIKE '%$seastr%')";

        $result = mysqli_query($link,$sql)or die(mysqli_error());
        echo '<table align="center" border="1" cellspacing="1"
align="center" cellpadding="8">';
        echo
"<tr><th>id</th><th>Make</th><th>Model</th><th>Series</th><th>Year of
Production</th><th>Horsepower</th><th>Fuelsystem</th><th>Fuel</th><th>G
ear type</th><th>No of Gears</th><th>Wheel drive</th><th>Top
speed</th><th>Acceleration</th><th>New Price</th><th>Used
Price</th><th>Pic</th><th>Video</th><th>Website</th></tr>";

        while($row = mysqli_fetch_array($result)) {
```

```
            $id = $row['id'];
            $make = $row['make'];
            $model = $row['model'];
            $series = $row['series'];
            $year_of_prod = $row['year_of_prod'];
            $horsepower = $row['horsepower'];
            $fuelsystem = $row['fuelsystem'];
            $fuel = $row['fuel'];
            $type = $row['type'];
            $no_of_gears = $row['no_of_gears'];
            $wheel_drive = $row['wheel_drive'];
            $topspeed = $row['top_speed'];
            $acceleration = $row['acceleration'];
            $new = $row['new'];
            $used = $row['used'];
            $pic = $row['pic'];
            $video = $row['video'];
            $link = $row['link'];
            echo
"<tr><td>".$id."</td><td>".$make."</td><td>".$model."</td><td>".$series
."</td><td>".$year_of_prod."</td><td>".$horsepower."</td><td>".$fuelsys
tem."</td><td>".$fuel."</td><td>".$type."</td><td>".$no_of_gears."</td>
<td>".$wheel_drive."</td><td>".$topspeed."</td><td>".$acceleration."</t
d><td>".$new."</td><td>".$used."</td><td>"."<img src=".$pic."
alt=".$pic.'
style="width:300px;height:200px;">'."</td><td>".$video."</td><td>"."<a
href=".$link.">".$make.$model.$series."</a>"."</td></tr>";
        }

        echo "</table>";
        mysqli_close($link);
    ?>
    </div>

    <script>
        // Script to open and close sidebar
        function w3_open() {
            document.getElementById("mySidebar").style.display =
"block";
            document.getElementById("myOverlay").style.display =
"block";
        }

        function w3_close() {
            document.getElementById("mySidebar").style.display =
"none";
            document.getElementById("myOverlay").style.display =
"none";
        }

        // Modal Image Gallery
        function onClick(element) {
            document.getElementById("img01").src = element.src;
            document.getElementById("modal01").style.display = "block";
            var captionText = document.getElementById("caption");
            captionText.innerHTML = element.alt;
        }
    </script>


</body>
```

```
</html>
```

FUELS

```
<!DOCTYPE html>
<html lang="en">
<title>CARS</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Raleway">
<style>
    body {
        font-family: "Raleway", sans-serif;
        background-image: url(" lol.jpg ");
        background-position: center;
        /* Center the image */
        background-repeat: no-repeat;
        /* Do not repeat the image */
        background-size: cover;
        /* Resize the background image to cover the entire container */
    }

    h1,
    h2,
    h3,
    h4,
    h5 {
        font-family: "Raleway", sans-serif;
    }

    .w3-quarter img {
        margin-bottom: -6px;
        cursor: pointer
    }

    .w3-quarter img:hover {
        opacity: 0.6;
        transition: 0.3s
    }

    a:link,
    a:visited {
        background-color: blue;
        color: white;
        padding: 15px 25px;
        text-align: center;
        text-decoration: none;
        display: inline-block;
    }

    a:hover,
    a:active {
        background-color: green;
    }
</style>

<body class="w3-light-grey">
```

```
    <!-- Sidebar/menu -->
    <nav class="w3-sidebar w3-bar-block w3-black w3-animate-right w3-
top w3-text-light-grey w3-large" style="z-index:3;width:250px;font-
weight:bold;display:none;right:0;" id="mySidebar">
        <a href="javascript:void()" onclick="w3_close()" class="w3-bar-
item w3-button w3-center w3-padding-32">CLOSE</a>
        <a href="/dbmsproj/" onclick="w3_close()" class="w3-bar-item
w3-button w3-center w3-padding-16">Home</a>
        <a href="/dbmsproj/login.php" onclick="w3_close()" class="w3-
bar-item w3-button w3-center w3-padding-16">LOGIN</a>
        <a href="/dbmsproj/about.html" onclick="w3_close()" class="w3-
bar-item w3-button w3-center w3-padding-16">ABOUT</a>
    </nav>

    <!-- Top menu on small screens -->
    <header class="w3-container w3-top w3-white w3-xlarge w3-padding-
16">
        <span class="w3-left w3-padding">CARS & CARS</span>
        <a href="javascript:void(0)" class="w3-right w3-button w3-
white" onclick="w3_open()">☰</a>
    </header>

    <!-- Overlay effect when opening sidebar on small screens -->
    <div class="w3-overlay w3-animate-opacity" onclick="w3_close()"
style="cursor:pointer" title="close side menu" id="myOverlay"></div>

    <!-- !PAGE CONTENT! -->
    <div class="w3-main w3-content" style="max-width:1600px;margin-
top:83px;height:1000px; ">
        <center>
            <br><br>
            <h1 style="color:gold;">Select Fuel Type</h1>
            <br><br><br><br><br>
            <a href="gasoline.html">Gasoline</a>
            <a href="electric.html">Electric</a>
            <a href="hybrid.html">Hybrid</a>
        </center>

    </div>

    <script>
        // Script to open and close sidebar
        function w3_open() {
            document.getElementById("mySidebar").style.display =
"block";
            document.getElementById("myOverlay").style.display =
"block";
        }

        function w3_close() {
            document.getElementById("mySidebar").style.display =
"none";
            document.getElementById("myOverlay").style.display =
"none";
        }

        // Modal Image Gallery
        function onClick(element) {
            document.getElementById("img01").src = element.src;
            document.getElementById("modal01").style.display = "block";
            var captionText = document.getElementById("caption");
```

```
            captionText.innerHTML = element.alt;
        }
    </script>


</body>

</html>
```

GASOLINE

A)HTML

```
<!DOCTYPE html>
<html lang="en">
<title>CARS</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Raleway">
<style>
    body,
    h1,
    h2,
    h3,
    h4,
    h5 {
        font-family: "Raleway", sans-serif
    }

    .w3-quarter img {
        margin-bottom: -6px;
        cursor: pointer
    }

    .w3-quarter img:hover {
        opacity: 0.6;
        transition: 0.3s
    }

    a:link,
    a:visited {
        background-color: blue;
        color: white;
        padding: 15px 25px;
        text-align: center;
        text-decoration: none;
        display: inline-block;
    }

    a:hover,
    a:active {
        background-color: green;
    }
</style>

<body class="w3-light-grey">

    <!-- Sidebar/menu -->
    <nav class="w3-sidebar w3-bar-block w3-black w3-animate-right w3-
top w3-text-light-grey w3-large" style="z-index:3;width:250px;font-
weight:bold;display:none;right:0;" id="mySidebar">
```

```
        <a href="javascript:void()" onclick="w3_close()" class="w3-bar-
item w3-button w3-center w3-padding-32">CLOSE</a>
        <a href="/dbmsproj/" onclick="w3_close()" class="w3-bar-item
w3-button w3-center w3-padding-16">Home</a>
        <a href="/dbmsproj/login.php" onclick="w3_close()" class="w3-
bar-item w3-button w3-center w3-padding-16">LOGIN</a>
        <a href="/dbmsproj/about.html" onclick="w3_close()" class="w3-
bar-item w3-button w3-center w3-padding-16">ABOUT</a>
    </nav>

    <!-- Top menu on small screens -->
    <header class="w3-container w3-top w3-white w3-xlarge w3-padding-
16">
        <span class="w3-left w3-padding">CARS & CARS</span>
        <a href="javascript:void(0)" class="w3-right w3-button w3-
white" onclick="w3_open()">☰</a>
    </header>

    <!-- Overlay effect when opening sidebar on small screens -->
    <div class="w3-overlay w3-animate-opacity" onclick="w3_close()"
style="cursor:pointer" title="close side menu" id="myOverlay"></div>

    <!-- !PAGE CONTENT! -->
    <div class="w3-main w3-content" style="max-width:1600px;margin-
top:83px;height:1000px; ">
        <object type="text/php" data="/dbmsproj/gasoline.php"
width=100% height=100%>
        </object>

    </div>

    <script>
        // Script to open and close sidebar
        function w3_open() {
            document.getElementById("mySidebar").style.display =
"block";
            document.getElementById("myOverlay").style.display =
"block";
        }

        function w3_close() {
            document.getElementById("mySidebar").style.display =
"none";
            document.getElementById("myOverlay").style.display =
"none";
        }

        // Modal Image Gallery
        function onClick(element) {
            document.getElementById("img01").src = element.src;
            document.getElementById("modal01").style.display = "block";
            var captionText = document.getElementById("caption");
            captionText.innerHTML = element.alt;
        }
    </script>


</body>

</html>
```

B)PHP

```
<html>
<body>
<?php
require('config.php');

$sql = "SELECT * FROM cars , engine, look, price WHERE
cars.id=engine.id AND cars.id=look.id AND cars.id=price.id AND
engine.fuel LIKE '%gasoline%'";

$result = mysqli_query($link,$sql)or die(mysqli_error());
echo '<table align="center" border="1" cellspacing="1" align="center"
cellpadding="8">';
echo
"<tr><th>id</th><th>Make</th><th>Model</th><th>Series</th><th>Fuelsyste
m</th><th>Fuel</th><th>New Price</th><th>Used
Price</th><th>Pic</th><th>Video</th><th>Website</th></tr>";

while($row = mysqli_fetch_array($result)) {
    $id = $row['id'];
    $make = $row['make'];
    $model = $row['model'];
    $series = $row['series'];
    $fuelsystem = $row['fuelsystem'];
    $fuel = $row['fuel'];
    $new = $row['new'];
    $used = $row['used'];
    $pic = $row['pic'];
    $video = $row['video'];
    $link = $row['link'];
    echo
"<tr><td>".$id."</td><td>".$make."</td><td>".$model."</td><td>".$series
."</td><td>".$fuelsystem."</td><td>".$fuel."</td><td>".$new."</td><td>"
.$used."</td><td>"."<img src=".$pic." alt=".$pic.'
style="width:300px;height:200px;">'."</td><td>".$video."</td><td>"."<a
href=".$link.">".$make.$model.$series."</a>"."</td></tr>";
}

echo "</table>";
mysqli_close($link);
?>
</body>
</html>
```

ELECTRIC

A)HTML

```
<!DOCTYPE html>
<html lang="en">
<title>CARS</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Raleway">
<style>
    body,
    h1,
    h2,
    h3,
```

```
    h4,
    h5 {
        font-family: "Raleway", sans-serif
    }

    .w3-quarter img {
        margin-bottom: -6px;
        cursor: pointer
    }

    .w3-quarter img:hover {
        opacity: 0.6;
        transition: 0.3s
    }

    a:link,
    a:visited {
        background-color: blue;
        color: white;
        padding: 15px 25px;
        text-align: center;
        text-decoration: none;
        display: inline-block;
    }

    a:hover,
    a:active {
        background-color: green;
    }
</style>

<body class="w3-light-grey">

    <!-- Sidebar/menu -->
    <nav class="w3-sidebar w3-bar-block w3-black w3-animate-right w3-
top w3-text-light-grey w3-large" style="z-index:3;width:250px;font-
weight:bold;display:none;right:0;" id="mySidebar">
        <a href="javascript:void()" onclick="w3_close()" class="w3-bar-
item w3-button w3-center w3-padding-32">CLOSE</a>
        <a href="/dbmsproj/" onclick="w3_close()" class="w3-bar-item
w3-button w3-center w3-padding-16">Home</a>
        <a href="/dbmsproj/login.php" onclick="w3_close()" class="w3-
bar-item w3-button w3-center w3-padding-16">LOGIN</a>
        <a href="/dbmsproj/about.html" onclick="w3_close()" class="w3-
bar-item w3-button w3-center w3-padding-16">ABOUT</a>
    </nav>

    <!-- Top menu on small screens -->
    <header class="w3-container w3-top w3-white w3-xlarge w3-padding-
16">
        <span class="w3-left w3-padding">CARS & CARS</span>
        <a href="javascript:void(0)" class="w3-right w3-button w3-
white" onclick="w3_open()">☰</a>
    </header>

    <!-- Overlay effect when opening sidebar on small screens -->
    <div class="w3-overlay w3-animate-opacity" onclick="w3_close()"
style="cursor:pointer" title="close side menu" id="myOverlay"></div>

    <!-- !PAGE CONTENT! -->
    <div class="w3-main w3-content" style="max-width:1600px;margin-
top:83px;height:1000px; ">
```

```
        <object type="text/php" data="/dbmsproj/electric.php"
width=100% height=100%>
        </object>

    </div>

    <script>
        // Script to open and close sidebar
        function w3_open() {
            document.getElementById("mySidebar").style.display =
"block";
            document.getElementById("myOverlay").style.display =
"block";
        }

        function w3_close() {
            document.getElementById("mySidebar").style.display =
"none";
            document.getElementById("myOverlay").style.display =
"none";
        }

        // Modal Image Gallery
        function onClick(element) {
            document.getElementById("img01").src = element.src;
            document.getElementById("modal01").style.display = "block";
            var captionText = document.getElementById("caption");
            captionText.innerHTML = element.alt;
        }
    </script>


</body>

</html>
```

B)PHP

```
 <html>
<body>
<?php
require('config.php');

$sql = "SELECT * FROM cars , engine, look, price WHERE
cars.id=engine.id AND cars.id=look.id AND cars.id=price.id AND
engine.fuel LIKE '%electric%'";

$result = mysqli_query($link,$sql)or die(mysqli_error());
echo '<table align="center" border="1" cellspacing="1" align="center"
cellpadding="8">';
echo
"<tr><th>id</th><th>Make</th><th>Model</th><th>Series</th><th>Fuelsyste
m</th><th>Fuel</th><th>New Price</th><th>Used
Price</th><th>Pic</th><th>Video</th><th>Website</th></tr>";

while($row = mysqli_fetch_array($result)) {
    $id = $row['id'];
    $make = $row['make'];
    $model = $row['model'];
    $series = $row['series'];
    $fuelsystem = $row['fuelsystem'];
    $fuel = $row['fuel'];
    $new = $row['new'];
```

```
    $used = $row['used'];
    $pic = $row['pic'];
    $video = $row['video'];
    $link = $row['link'];
    echo
"<tr><td>".$id."</td><td>".$make."</td><td>".$model."</td><td>".$series
."</td><td>".$fuelsystem."</td><td>".$fuel."</td><td>".$new."</td><td>"
.$used."</td><td>"."<img src=".$pic." alt=".$pic.'
style="width:300px;height:200px;">'."</td><td>".$video."</td><td>"."<a
href=".$link.">".$make.$model.$series."</a>"."</td></tr>";
}

echo "</table>";
mysqli_close($link);
?>
</body>
</html>
```

HYBRID

A)HTML

```
<!DOCTYPE html>
<html lang="en">
<title>CARS</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Raleway">
<style>
    body,
    h1,
    h2,
    h3,
    h4,
    h5 {
        font-family: "Raleway", sans-serif
    }

    .w3-quarter img {
        margin-bottom: -6px;
        cursor: pointer
    }

    .w3-quarter img:hover {
        opacity: 0.6;
        transition: 0.3s
    }

    a:link,
    a:visited {
        background-color: blue;
        color: white;
        padding: 15px 25px;
        text-align: center;
        text-decoration: none;
        display: inline-block;
    }

    a:hover,
    a:active {
        background-color: green;
```

```
    }
</style>

<body class="w3-light-grey">

    <!-- Sidebar/menu -->
    <nav class="w3-sidebar w3-bar-block w3-black w3-animate-right w3-
top w3-text-light-grey w3-large" style="z-index:3;width:250px;font-
weight:bold;display:none;right:0;" id="mySidebar">
        <a href="javascript:void()" onclick="w3_close()" class="w3-bar-
item w3-button w3-center w3-padding-32">CLOSE</a>
        <a href="/dbmsproj/" onclick="w3_close()" class="w3-bar-item
w3-button w3-center w3-padding-16">Home</a>
        <a href="/dbmsproj/login.php" onclick="w3_close()" class="w3-
bar-item w3-button w3-center w3-padding-16">LOGIN</a>
        <a href="/dbmsproj/about.html" onclick="w3_close()" class="w3-
bar-item w3-button w3-center w3-padding-16">ABOUT</a>
    </nav>

    <!-- Top menu on small screens -->
    <header class="w3-container w3-top w3-white w3-xlarge w3-padding-
16">
        <span class="w3-left w3-padding">CARS & CARS</span>
        <a href="javascript:void(0)" class="w3-right w3-button w3-
white" onclick="w3_open()">☰</a>
    </header>

    <!-- Overlay effect when opening sidebar on small screens -->
    <div class="w3-overlay w3-animate-opacity" onclick="w3_close()"
style="cursor:pointer" title="close side menu" id="myOverlay"></div>

    <!-- !PAGE CONTENT! -->
    <div class="w3-main w3-content" style="max-width:1600px;margin-
top:83px;height:1000px; ">
        <object type="text/php" data="/dbmsproj/hybrid.php" width=100%
height=100%>
        </object>

    </div>

    <script>
        // Script to open and close sidebar
        function w3_open() {
            document.getElementById("mySidebar").style.display =
"block";
            document.getElementById("myOverlay").style.display =
"block";
        }

        function w3_close() {
            document.getElementById("mySidebar").style.display =
"none";
            document.getElementById("myOverlay").style.display =
"none";
        }

        // Modal Image Gallery
        function onClick(element) {
            document.getElementById("img01").src = element.src;
            document.getElementById("modal01").style.display = "block";
            var captionText = document.getElementById("caption");
            captionText.innerHTML = element.alt;
```

```
        }
    </script>


</body>

</html>
```

B)PHP

```
<html>
<body>
<?php
require('config.php');

$sql = "SELECT * FROM cars , engine, look, price WHERE
cars.id=engine.id AND cars.id=look.id AND cars.id=price.id AND
engine.fuel LIKE '%hybrid%'";

$result = mysqli_query($link,$sql)or die(mysqli_error());
echo '<table align="center" border="1" cellspacing="1" align="center"
cellpadding="8">';
echo
"<tr><th>id</th><th>Make</th><th>Model</th><th>Series</th><th>Fuelsyste
m</th><th>Fuel</th><th>New Price</th><th>Used
Price</th><th>Pic</th><th>Video</th><th>Website</th></tr>";

while($row = mysqli_fetch_array($result)) {
    $id = $row['id'];
    $make = $row['make'];
    $model = $row['model'];
    $series = $row['series'];
    $fuelsystem = $row['fuelsystem'];
    $fuel = $row['fuel'];
    $new = $row['new'];
    $used = $row['used'];
    $pic = $row['pic'];
    $video = $row['video'];
    $link = $row['link'];
    echo
"<tr><td>".$id."</td><td>".$make."</td><td>".$model."</td><td>".$series
."</td><td>".$fuelsystem."</td><td>".$fuel."</td><td>".$new."</td><td>"
.$used."</td><td>"."<img src=".$pic." alt=".$pic.'
style="width:300px;height:200px;">'."</td><td>".$video."</td><td>"."<a
href=".$link.">".$make.$model.$series."</a>"."</td></tr>";
}

echo "</table>";
mysqli_close($link);
?>
</body>
</html>
```

PRICE

```
<!DOCTYPE html>
<html lang="en">
<title>CARS</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
```

```
<link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Raleway">
<style>
    body {
        font-family: "Raleway", sans-serif;
        background-image: url(" lol.jpg ");
        background-position: center;
        /* Center the image */
        background-repeat: no-repeat;
        /* Do not repeat the image */
        background-size: cover;
        /* Resize the background image to cover the entire container */
    }

    h1,
    h2,
    h3,
    h4,
    h5 {
        font-family: "Raleway", sans-serif;
    }

    .w3-quarter img {
        margin-bottom: -6px;
        cursor: pointer
    }

    .w3-quarter img:hover {
        opacity: 0.6;
        transition: 0.3s
    }

    a:link,
    a:visited {
        background-color: blue;
        color: white;
        padding: 15px 25px;
        text-align: center;
        text-decoration: none;
        display: inline-block;
    }

    a:hover,
    a:active {
        background-color: green;
    }
</style>

<body class="w3-light-grey">

    <!-- Sidebar/menu -->
    <nav class="w3-sidebar w3-bar-block w3-black w3-animate-right w3-
top w3-text-light-grey w3-large" style="z-index:3;width:250px;font-
weight:bold;display:none;right:0;" id="mySidebar">
        <a href="javascript:void()" onclick="w3_close()" class="w3-bar-
item w3-button w3-center w3-padding-32">CLOSE</a>
        <a href="/dbmsproj/" onclick="w3_close()" class="w3-bar-item
w3-button w3-center w3-padding-16">Home</a>
        <a href="/dbmsproj/login.php" onclick="w3_close()" class="w3-
bar-item w3-button w3-center w3-padding-16">LOGIN</a>
        <a href="/dbmsproj/about.html" onclick="w3_close()" class="w3-
bar-item w3-button w3-center w3-padding-16">ABOUT</a>
```

```
    </nav>

    <!-- Top menu on small screens -->
    <header class="w3-container w3-top w3-white w3-xlarge w3-padding-
16">
        <span class="w3-left w3-padding">CARS & CARS</span>
        <a href="javascript:void(0)" class="w3-right w3-button w3-
white" onclick="w3_open()">☰</a>
    </header>

    <!-- Overlay effect when opening sidebar on small screens -->
    <div class="w3-overlay w3-animate-opacity" onclick="w3_close()"
style="cursor:pointer" title="close side menu" id="myOverlay"></div>

    <!-- !PAGE CONTENT! -->
    <div class="w3-main w3-content" style="max-width:1600px;margin-
top:83px;height:1000px; ">
        <center>
            <br><br>
            <h1 style="color:gold;">Sort by Cost</h1>
            <br><br><br><br><br>
            <a href="high.html">Sort from High to Low</a>
            <a href="low.html">Sort from Low to High</a>
        </center>

    </div>

    <script>
        // Script to open and close sidebar
        function w3_open() {
            document.getElementById("mySidebar").style.display =
"block";
            document.getElementById("myOverlay").style.display =
"block";
        }

        function w3_close() {
            document.getElementById("mySidebar").style.display =
"none";
            document.getElementById("myOverlay").style.display =
"none";
        }

        // Modal Image Gallery
        function onClick(element) {
            document.getElementById("img01").src = element.src;
            document.getElementById("modal01").style.display = "block";
            var captionText = document.getElementById("caption");
            captionText.innerHTML = element.alt;
        }
    </script>


</body>

</html>
```

HIGH

A)HTML

```
<!DOCTYPE html>
<html lang="en">
<title>CARS</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Raleway">
<style>
    body,
    h1,
    h2,
    h3,
    h4,
    h5 {
        font-family: "Raleway", sans-serif
    }

    .w3-quarter img {
        margin-bottom: -6px;
        cursor: pointer
    }

    .w3-quarter img:hover {
        opacity: 0.6;
        transition: 0.3s
    }

    a:link,
    a:visited {
        background-color: blue;
        color: white;
        padding: 15px 25px;
        text-align: center;
        text-decoration: none;
        display: inline-block;
    }

    a:hover,
    a:active {
        background-color: green;
    }
</style>

<body class="w3-light-grey">

    <!-- Sidebar/menu -->
    <nav class="w3-sidebar w3-bar-block w3-black w3-animate-right w3-
top w3-text-light-grey w3-large" style="z-index:3;width:250px;font-
weight:bold;display:none;right:0;" id="mySidebar">
        <a href="javascript:void()" onclick="w3_close()" class="w3-bar-
item w3-button w3-center w3-padding-32">CLOSE</a>
        <a href="/dbmsproj/" onclick="w3_close()" class="w3-bar-item
w3-button w3-center w3-padding-16">Home</a>
        <a href="/dbmsproj/login.php" onclick="w3_close()" class="w3-
bar-item w3-button w3-center w3-padding-16">LOGIN</a>
        <a href="/dbmsproj/about.html" onclick="w3_close()" class="w3-
bar-item w3-button w3-center w3-padding-16">ABOUT</a>
    </nav>
```

```
    <!-- Top menu on small screens -->
    <header class="w3-container w3-top w3-white w3-xlarge w3-padding-
16">
        <span class="w3-left w3-padding">CARS & CARS</span>
        <a href="javascript:void(0)" class="w3-right w3-button w3-
white" onclick="w3_open()">☰</a>
    </header>

    <!-- Overlay effect when opening sidebar on small screens -->
    <div class="w3-overlay w3-animate-opacity" onclick="w3_close()"
style="cursor:pointer" title="close side menu" id="myOverlay"></div>

    <!-- !PAGE CONTENT! -->
    <div class="w3-main w3-content" style="max-width:1600px;margin-
top:83px;height:1000px; ">
        <object type="text/php" data="/dbmsproj/high.php" width=100%
height=100%>
        </object>

    </div>

    <script>
        // Script to open and close sidebar
        function w3_open() {
            document.getElementById("mySidebar").style.display =
"block";
            document.getElementById("myOverlay").style.display =
"block";
        }

        function w3_close() {
            document.getElementById("mySidebar").style.display =
"none";
            document.getElementById("myOverlay").style.display =
"none";
        }

        // Modal Image Gallery
        function onClick(element) {
            document.getElementById("img01").src = element.src;
            document.getElementById("modal01").style.display = "block";
            var captionText = document.getElementById("caption");
            captionText.innerHTML = element.alt;
        }
    </script>


</body>

</html>
```

B)PHP

```
<html>
<body>
<?php
require('config.php');

$sql = "SELECT * FROM cars , engine, gears_and_handling, look,
performance, price WHERE cars.id=engine.id AND
```

```
cars.id=gears_and_handling.id AND cars.id=look.id AND
cars.id=performance.id AND cars.id=price.id ORDER BY price.new DESC";

$result = mysqli_query($link,$sql)or die(mysqli_error());
echo '<table align="center" border="1" cellspacing="1" align="center"
cellpadding="8">';
echo
"<tr><th>id</th><th>Make</th><th>Model</th><th>Series</th><th>Fuel</th>
<th>Transmission</th><th>Wheel drive</th><th>Top
speed</th><th>Acceleration</th><th>New
Price</th><th>Pic</th><th>Video</th><th>Website</th></tr>";

while($row = mysqli_fetch_array($result)) {
    $id = $row['id'];
    $make = $row['make'];
    $model = $row['model'];
    $series = $row['series'];
    $fuel = $row['fuel'];
    $type = $row['type'];
    $wheel_drive = $row['wheel_drive'];
    $topspeed = $row['top_speed'];
    $acceleration = $row['acceleration'];
    $new = $row['new'];
    $pic = $row['pic'];
    $video = $row['video'];
    $link = $row['link'];
    echo
"<tr><td>".$id."</td><td>".$make."</td><td>".$model."</td><td>".$series
."</td><td>".$fuel."</td><td>".$type."</td><td>".$wheel_drive."</td><td
>".$topspeed."</td><td>".$acceleration."</td><td>".$new."</td><td>"."<i
mg src=".$pic." alt=".$pic.'
style="width:300px;height:200px;">'."</td><td>".$video."</td><td>"."<a
href=".$link.">".$make.$model.$series."</a>"."</td></tr>";
}

echo "</table>";
mysqli_close($link);
?>
</body>
</html>
```

LOW

A)HTML

```
<!DOCTYPE html>
<html lang="en">
<title>CARS</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Raleway">
<style>
    body,
    h1,
    h2,
    h3,
    h4,
    h5 {
```

```
        font-family: "Raleway", sans-serif
    }

    .w3-quarter img {
        margin-bottom: -6px;
        cursor: pointer
    }

    .w3-quarter img:hover {
        opacity: 0.6;
        transition: 0.3s
    }

    a:link,
    a:visited {
        background-color: blue;
        color: white;
        padding: 15px 25px;
        text-align: center;
        text-decoration: none;
        display: inline-block;
    }

    a:hover,
    a:active {
        background-color: green;
    }
</style>

<body class="w3-light-grey">

    <!-- Sidebar/menu -->
    <nav class="w3-sidebar w3-bar-block w3-black w3-animate-right w3-
top w3-text-light-grey w3-large" style="z-index:3;width:250px;font-
weight:bold;display:none;right:0;" id="mySidebar">
        <a href="javascript:void()" onclick="w3_close()" class="w3-bar-
item w3-button w3-center w3-padding-32">CLOSE</a>
        <a href="/dbmsproj/" onclick="w3_close()" class="w3-bar-item
w3-button w3-center w3-padding-16">Home</a>
        <a href="/dbmsproj/login.php" onclick="w3_close()" class="w3-
bar-item w3-button w3-center w3-padding-16">LOGIN</a>
        <a href="/dbmsproj/about.html" onclick="w3_close()" class="w3-
bar-item w3-button w3-center w3-padding-16">ABOUT</a>
    </nav>

    <!-- Top menu on small screens -->
    <header class="w3-container w3-top w3-white w3-xlarge w3-padding-
16">
        <span class="w3-left w3-padding">CARS & CARS</span>
        <a href="javascript:void(0)" class="w3-right w3-button w3-
white" onclick="w3_open()">☰</a>
    </header>

    <!-- Overlay effect when opening sidebar on small screens -->
    <div class="w3-overlay w3-animate-opacity" onclick="w3_close()"
style="cursor:pointer" title="close side menu" id="myOverlay"></div>

    <!-- !PAGE CONTENT! -->
    <div class="w3-main w3-content" style="max-width:1600px;margin-
top:83px;height:1000px; ">
        <object type="text/php" data="/dbmsproj/low.php" width=100%
height=100%>
```

```
        </object>

    </div>

    <script>
        // Script to open and close sidebar
        function w3_open() {
            document.getElementById("mySidebar").style.display =
"block";
            document.getElementById("myOverlay").style.display =
"block";
        }

        function w3_close() {
            document.getElementById("mySidebar").style.display =
"none";
            document.getElementById("myOverlay").style.display =
"none";
        }

        // Modal Image Gallery
        function onClick(element) {
            document.getElementById("img01").src = element.src;
            document.getElementById("modal01").style.display = "block";
            var captionText = document.getElementById("caption");
            captionText.innerHTML = element.alt;
        }
    </script>


</body>

</html>
```

B)PHP

```
<html>
<body>
<?php
require('config.php');

$sql = "SELECT * FROM cars , engine, gears_and_handling, look,
performance, price WHERE cars.id=engine.id AND
cars.id=gears_and_handling.id AND cars.id=look.id AND
cars.id=performance.id AND cars.id=price.id ORDER BY price.new ASC";

$result = mysqli_query($link,$sql)or die(mysqli_error());
echo '<table align="center" border="1" cellspacing="1" align="center"
cellpadding="8">';
echo
"<tr><th>id</th><th>Make</th><th>Model</th><th>Series</th><th>Fuel</th>
<th>Transmission</th><th>Wheel drive</th><th>Top
speed</th><th>Acceleration</th><th>New
Price</th><th>Pic</th><th>Video</th><th>Website</th></tr>";

while($row = mysqli_fetch_array($result)) {
    $id = $row['id'];
    $make = $row['make'];
    $model = $row['model'];
    $series = $row['series'];
```

```
    $fuel = $row['fuel'];
    $type = $row['type'];
    $wheel_drive = $row['wheel_drive'];
    $topspeed = $row['top_speed'];
    $acceleration = $row['acceleration'];
    $new = $row['new'];
    $pic = $row['pic'];
    $video = $row['video'];
    $link = $row['link'];
    echo
"<tr><td>".$id."</td><td>".$make."</td><td>".$model."</td><td>".$series
."</td><td>".$fuel."</td><td>".$type."</td><td>".$wheel_drive."</td><td
>".$topspeed."</td><td>".$acceleration."</td><td>".$new."</td><td>"."<i
mg src=".$pic." alt=".$pic.'
style="width:300px;height:200px;">'."</td><td>".$video."</td><td>"."<a
href=".$link.">".$make.$model.$series."</a>"."</td></tr>";
}

echo "</table>";
mysqli_close($link);
?>
</body>
</html>
```

GEARS

```
<!DOCTYPE html>
<html lang="en">
<title>CARS</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Raleway">
<style>
    body {
        font-family: "Raleway", sans-serif;
        background-image: url(" lol.jpg ");
        background-position: center;
        /* Center the image */
        background-repeat: no-repeat;
        /* Do not repeat the image */
        background-size: cover;
        /* Resize the background image to cover the entire container */
    }

    h1,
    h2,
    h3,
    h4,
    h5 {
        font-family: "Raleway", sans-serif;
    }

    .w3-quarter img {
        margin-bottom: -6px;
        cursor: pointer
    }

    .w3-quarter img:hover {
```

```
        opacity: 0.6;
        transition: 0.3s
    }

    a:link,
    a:visited {
        background-color: blue;
        color: white;
        padding: 15px 25px;
        text-align: center;
        text-decoration: none;
        display: inline-block;
    }

    a:hover,
    a:active {
        background-color: green;
    }
</style>

<body class="w3-light-grey">

    <!-- Sidebar/menu -->
    <nav class="w3-sidebar w3-bar-block w3-black w3-animate-right w3-
top w3-text-light-grey w3-large" style="z-index:3;width:250px;font-
weight:bold;display:none;right:0;" id="mySidebar">
        <a href="javascript:void()" onclick="w3_close()" class="w3-bar-
item w3-button w3-center w3-padding-32">CLOSE</a>
        <a href="/dbmsproj/" onclick="w3_close()" class="w3-bar-item
w3-button w3-center w3-padding-16">Home</a>
        <a href="/dbmsproj/login.php" onclick="w3_close()" class="w3-
bar-item w3-button w3-center w3-padding-16">LOGIN</a>
        <a href="/dbmsproj/about.html" onclick="w3_close()" class="w3-
bar-item w3-button w3-center w3-padding-16">ABOUT</a>
    </nav>

    <!-- Top menu on small screens -->
    <header class="w3-container w3-top w3-white w3-xlarge w3-padding-
16">
        <span class="w3-left w3-padding">CARS & CARS</span>
        <a href="javascript:void(0)" class="w3-right w3-button w3-
white" onclick="w3_open()">☰</a>
    </header>

    <!-- Overlay effect when opening sidebar on small screens -->
    <div class="w3-overlay w3-animate-opacity" onclick="w3_close()"
style="cursor:pointer" title="close side menu" id="myOverlay"></div>

    <!-- !PAGE CONTENT! -->
    <div class="w3-main w3-content" style="max-width:1600px;margin-
top:83px;height:1000px; ">
        <center>
            <br><br>
            <h1 style="color:gold;">Select Gear system</h1>
            <br><br><br><br><br>
            <a href="semi.html">Semi-Automatic</a>
            <a href="auto.html">Automatic</a>
            <a href="manual.html">Manual</a>
        </center>

    </div>
```

```
    <script>
        // Script to open and close sidebar
        function w3_open() {
            document.getElementById("mySidebar").style.display =
"block";
            document.getElementById("myOverlay").style.display =
"block";
        }

        function w3_close() {
            document.getElementById("mySidebar").style.display =
"none";
            document.getElementById("myOverlay").style.display =
"none";
        }

        // Modal Image Gallery
        function onClick(element) {
            document.getElementById("img01").src = element.src;
            document.getElementById("modal01").style.display = "block";
            var captionText = document.getElementById("caption");
            captionText.innerHTML = element.alt;
        }
    </script>


</body>

</html>
```

SEMI AUTOMATIC

A)HTML

```
<!DOCTYPE html>
<html lang="en">
<title>CARS</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Raleway">
<style>
    body,
    h1,
    h2,
    h3,
    h4,
    h5 {
        font-family: "Raleway", sans-serif
    }

    .w3-quarter img {
        margin-bottom: -6px;
        cursor: pointer
    }

    .w3-quarter img:hover {
        opacity: 0.6;
        transition: 0.3s
```

```
    }
</style>

<body class="w3-light-grey">

    <!-- Sidebar/menu -->
    <nav class="w3-sidebar w3-bar-block w3-black w3-animate-right w3-
top w3-text-light-grey w3-large" style="z-index:3;width:250px;font-
weight:bold;display:none;right:0;" id="mySidebar">
        <a href="javascript:void()" onclick="w3_close()" class="w3-bar-
item w3-button w3-center w3-padding-32">CLOSE</a>
        <a href="/dbmsproj/" onclick="w3_close()" class="w3-bar-item
w3-button w3-center w3-padding-16">Home</a>
        <a href="/dbmsproj/login.php" onclick="w3_close()" class="w3-
bar-item w3-button w3-center w3-padding-16">LOGIN</a>
        <a href="/dbmsproj/about.html" onclick="w3_close()" class="w3-
bar-item w3-button w3-center w3-padding-16">ABOUT</a>
    </nav>

    <!-- Top menu on small screens -->
    <header class="w3-container w3-top w3-white w3-xlarge w3-padding-
16">
        <span class="w3-left w3-padding">CARS & CARS</span>
        <a href="javascript:void(0)" class="w3-right w3-button w3-
white" onclick="w3_open()">☰</a>
    </header>

    <!-- Overlay effect when opening sidebar on small screens -->
    <div class="w3-overlay w3-animate-opacity" onclick="w3_close()"
style="cursor:pointer" title="close side menu" id="myOverlay"></div>

    <!-- !PAGE CONTENT! -->
    <div class="w3-main w3-content" style="max-width:1600px;margin-
top:83px;height:1000px; ">
        <object type="text/php" data="/dbmsproj/semi.php" width=100%
height=100%>
        </object>
    </div>

    <script>
        // Script to open and close sidebar
        function w3_open() {
            document.getElementById("mySidebar").style.display =
"block";
            document.getElementById("myOverlay").style.display =
"block";
        }

        function w3_close() {
            document.getElementById("mySidebar").style.display =
"none";
            document.getElementById("myOverlay").style.display =
"none";
        }

        // Modal Image Gallery
        function onClick(element) {
            document.getElementById("img01").src = element.src;
            document.getElementById("modal01").style.display = "block";
            var captionText = document.getElementById("caption");
            captionText.innerHTML = element.alt;
        }
```

```
    </script>


</body>

</html>
```

B)PHP

```
<html>
<body>
<?php
require('config.php');

$sql = "SELECT * FROM cars , engine, gears_and_handling, look,
performance, price WHERE cars.id=engine.id AND
cars.id=gears_and_handling.id AND cars.id=look.id AND
cars.id=performance.id AND cars.id=price.id AND gears_and_handling.type
LIKE '%semi%'";

$result = mysqli_query($link,$sql)or die(mysqli_error());
echo '<table align="center" border="1" cellspacing="1" align="center"
cellpadding="8">';
echo
"<tr><th>id</th><th>Make</th><th>Model</th><th>Series</th><th>Fuel</th>
<th>Gear type</th><th>No of Gears</th><th>Top
speed</th><th>Acceleration</th><th>New Price</th><th>Used
Price</th><th>Pic</th><th>Video</th><th>Website</th></tr>";

while($row = mysqli_fetch_array($result)) {
    $id = $row['id'];
    $make = $row['make'];
    $model = $row['model'];
    $series = $row['series'];
    $fuel = $row['fuel'];
    $type = $row['type'];
    $no_of_gears = $row['no_of_gears'];
    $topspeed = $row['top_speed'];
    $acceleration = $row['acceleration'];
    $new = $row['new'];
    $used = $row['used'];
    $pic = $row['pic'];
    $video = $row['video'];
    $link = $row['link'];
    echo
"<tr><td>".$id."</td><td>".$make."</td><td>".$model."</td><td>".$series
."</td><td>".$fuel."</td><td>".$type."</td><td>".$no_of_gears."</td><td
>".$topspeed."</td><td>".$acceleration."</td><td>".$new."</td><td>".$us
ed."</td><td>"."<img src=".$pic." alt=".$pic.'
style="width:300px;height:200px;">'."</td><td>".$video."</td><td>"."<a
href=".$link.">".$make.$model.$series."</a>"."</td></tr>";
}

echo "</table>";
mysqli_close($link);
?>
</body>
</html>
```

AUTOMATIC

A)HTML

```
<!DOCTYPE html>
<html lang="en">
<title>CARS</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Raleway">
<style>
    body,
    h1,
    h2,
    h3,
    h4,
    h5 {
        font-family: "Raleway", sans-serif
    }

    .w3-quarter img {
        margin-bottom: -6px;
        cursor: pointer
    }

    .w3-quarter img:hover {
        opacity: 0.6;
        transition: 0.3s
    }
</style>

<body class="w3-light-grey">

    <!-- Sidebar/menu -->
    <nav class="w3-sidebar w3-bar-block w3-black w3-animate-right w3-
top w3-text-light-grey w3-large" style="z-index:3;width:250px;font-
weight:bold;display:none;right:0;" id="mySidebar">
        <a href="javascript:void()" onclick="w3_close()" class="w3-bar-
item w3-button w3-center w3-padding-32">CLOSE</a>
        <a href="/dbmsproj/" onclick="w3_close()" class="w3-bar-item
w3-button w3-center w3-padding-16">Home</a>
        <a href="/dbmsproj/login.php" onclick="w3_close()" class="w3-
bar-item w3-button w3-center w3-padding-16">LOGIN</a>
        <a href="/dbmsproj/about.html" onclick="w3_close()" class="w3-
bar-item w3-button w3-center w3-padding-16">ABOUT</a>
    </nav>

    <!-- Top menu on small screens -->
    <header class="w3-container w3-top w3-white w3-xlarge w3-padding-
16">
        <span class="w3-left w3-padding">CARS & CARS</span>
        <a href="javascript:void(0)" class="w3-right w3-button w3-
white" onclick="w3_open()">☰</a>
    </header>

    <!-- Overlay effect when opening sidebar on small screens -->
    <div class="w3-overlay w3-animate-opacity" onclick="w3_close()"
style="cursor:pointer" title="close side menu" id="myOverlay"></div>

    <!-- !PAGE CONTENT! -->
```

```
    <div class="w3-main w3-content" style="max-width:1600px;margin-
top:83px;height:1000px; ">
        <object type="text/php" data="/dbmsproj/auto.php" width=100%
height=100%>
        </object>
    </div>

    <script>
        // Script to open and close sidebar
        function w3_open() {
            document.getElementById("mySidebar").style.display =
"block";
            document.getElementById("myOverlay").style.display =
"block";
        }

        function w3_close() {
            document.getElementById("mySidebar").style.display =
"none";
            document.getElementById("myOverlay").style.display =
"none";
        }

        // Modal Image Gallery
        function onClick(element) {
            document.getElementById("img01").src = element.src;
            document.getElementById("modal01").style.display = "block";
            var captionText = document.getElementById("caption");
            captionText.innerHTML = element.alt;
        }
    </script>


</body>

</html>
```

B)PHP

```
<html>
<body>
<?php
require('config.php');

$sql = "SELECT * FROM cars , engine, gears_and_handling, look,
performance, price WHERE cars.id=engine.id AND
cars.id=gears_and_handling.id AND cars.id=look.id AND
cars.id=performance.id AND cars.id=price.id AND
gears_and_handling.type='Automatic'";

$result = mysqli_query($link,$sql)or die(mysqli_error());
echo '<table align="center" border="1" cellspacing="1" align="center"
cellpadding="8">';
echo
"<tr><th>id</th><th>Make</th><th>Model</th><th>Series</th><th>Fuel</th>
<th>Gear type</th><th>No of Gears</th><th>Top
speed</th><th>Acceleration</th><th>New Price</th><th>Used
Price</th><th>Pic</th><th>Video</th><th>Website</th></tr>";

while($row = mysqli_fetch_array($result)) {
```

```
    $id = $row['id'];
    $make = $row['make'];
    $model = $row['model'];
    $series = $row['series'];
    $fuel = $row['fuel'];
    $type = $row['type'];
    $no_of_gears = $row['no_of_gears'];
    $topspeed = $row['top_speed'];
    $acceleration = $row['acceleration'];
    $new = $row['new'];
    $used = $row['used'];
    $pic = $row['pic'];
    $video = $row['video'];
    $link = $row['link'];
    echo
"<tr><td>".$id."</td><td>".$make."</td><td>".$model."</td><td>".$series
."</td><td>".$fuel."</td><td>".$type."</td><td>".$no_of_gears."</td><td
>".$topspeed."</td><td>".$acceleration."</td><td>".$new."</td><td>".$us
ed."</td><td>"."<img src=".$pic." alt=".$pic.'
style="width:300px;height:200px;">'."</td><td>".$video."</td><td>"."<a
href=".$link.">".$make.$model.$series."</a>"."</td></tr>";
}

echo "</table>";
mysqli_close($link);
?>
</body>
</html>
```

MANUAL

```
<!DOCTYPE html>
<html lang="en">
<title>CARS</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Raleway">
<style>
    body,
    h1,
    h2,
    h3,
    h4,
    h5 {
        font-family: "Raleway", sans-serif
    }

    .w3-quarter img {
        margin-bottom: -6px;
        cursor: pointer
    }

    .w3-quarter img:hover {
        opacity: 0.6;
        transition: 0.3s
    }
</style>
```

```
<body class="w3-light-grey">

    <!-- Sidebar/menu -->
    <nav class="w3-sidebar w3-bar-block w3-black w3-animate-right w3-
top w3-text-light-grey w3-large" style="z-index:3;width:250px;font-
weight:bold;display:none;right:0;" id="mySidebar">
        <a href="javascript:void()" onclick="w3_close()" class="w3-bar-
item w3-button w3-center w3-padding-32">CLOSE</a>
        <a href="/dbmsproj/" onclick="w3_close()" class="w3-bar-item
w3-button w3-center w3-padding-16">Home</a>
        <a href="/dbmsproj/login.php" onclick="w3_close()" class="w3-
bar-item w3-button w3-center w3-padding-16">LOGIN</a>
        <a href="/dbmsproj/about.html" onclick="w3_close()" class="w3-
bar-item w3-button w3-center w3-padding-16">ABOUT</a>
    </nav>

    <!-- Top menu on small screens -->
    <header class="w3-container w3-top w3-white w3-xlarge w3-padding-
16">
        <span class="w3-left w3-padding">CARS & CARS</span>
        <a href="javascript:void(0)" class="w3-right w3-button w3-
white" onclick="w3_open()">☰</a>
    </header>

    <!-- Overlay effect when opening sidebar on small screens -->
    <div class="w3-overlay w3-animate-opacity" onclick="w3_close()"
style="cursor:pointer" title="close side menu" id="myOverlay"></div>

    <!-- !PAGE CONTENT! -->
    <div class="w3-main w3-content" style="max-width:1600px;margin-
top:83px;height:1000px; ">
        <object type="text/php" data="/dbmsproj/manual.php" width=100%
height=100%>
        </object>
    </div>

    <script>
        // Script to open and close sidebar
        function w3_open() {
            document.getElementById("mySidebar").style.display =
"block";
            document.getElementById("myOverlay").style.display =
"block";
        }

        function w3_close() {
            document.getElementById("mySidebar").style.display =
"none";
            document.getElementById("myOverlay").style.display =
"none";
        }

        // Modal Image Gallery
        function onClick(element) {
            document.getElementById("img01").src = element.src;
            document.getElementById("modal01").style.display = "block";
            var captionText = document.getElementById("caption");
            captionText.innerHTML = element.alt;
        }
    </script>
```

```
</body>

</html>
```

B)PHP

```
<html>
<body>
<?php
require('config.php');

$sql = "SELECT * FROM cars , engine, gears_and_handling, look,
performance, price WHERE cars.id=engine.id AND
cars.id=gears_and_handling.id AND cars.id=look.id AND
cars.id=performance.id AND cars.id=price.id AND gears_and_handling.type
LIKE '%manual%'";

$result = mysqli_query($link,$sql)or die(mysqli_error());
echo '<table align="center" border="1" cellspacing="1" align="center"
cellpadding="8">';
echo
"<tr><th>id</th><th>Make</th><th>Model</th><th>Series</th><th>Fuel</th>
<th>Gear type</th><th>No of Gears</th><th>Top
speed</th><th>Acceleration</th><th>New Price</th><th>Used
Price</th><th>Pic</th><th>Video</th><th>Website</th></tr>";

while($row = mysqli_fetch_array($result)) {
    $id = $row['id'];
    $make = $row['make'];
    $model = $row['model'];
    $series = $row['series'];
    $fuel = $row['fuel'];
    $type = $row['type'];
    $no_of_gears = $row['no_of_gears'];
    $topspeed = $row['top_speed'];
    $acceleration = $row['acceleration'];
    $new = $row['new'];
    $used = $row['used'];
    $pic = $row['pic'];
    $video = $row['video'];
    $link = $row['link'];
    echo
"<tr><td>".$id."</td><td>".$make."</td><td>".$model."</td><td>".$series
."</td><td>".$fuel."</td><td>".$type."</td><td>".$no_of_gears."</td><td
>".$topspeed."</td><td>".$acceleration."</td><td>".$new."</td><td>".$us
ed."</td><td>"."<img src=".$pic." alt=".$pic.'
style="width:300px;height:200px;">'."</td><td>".$video."</td><td>"."<a
href=".$link.">".$make.$model.$series."</a>"."</td></tr>";
}

echo "</table>";
mysqli_close($link);
?>
</body>
</html>
```

WHEEL

A)HTML

```
<!DOCTYPE html>
<html lang="en">
<title>CARS</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Raleway">
<style>
    body {
        font-family: "Raleway", sans-serif;
        background-image: url(" lol.jpg ");
        background-position: center;
        /* Center the image */
        background-repeat: no-repeat;
        /* Do not repeat the image */
        background-size: cover;
        /* Resize the background image to cover the entire container */
    }

    h1,
    h2,
    h3,
    h4,
    h5 {
        font-family: "Raleway", sans-serif;
    }

    .w3-quarter img {
        margin-bottom: -6px;
        cursor: pointer
    }

    .w3-quarter img:hover {
        opacity: 0.6;
        transition: 0.3s
    }

    a:link,
    a:visited {
        background-color: blue;
        color: white;
        padding: 15px 25px;
        text-align: center;
        text-decoration: none;
        display: inline-block;
    }

    a:hover,
    a:active {
        background-color: green;
    }
</style>

<body class="w3-light-grey">

    <!-- Sidebar/menu -->
```

```
    <nav class="w3-sidebar w3-bar-block w3-black w3-animate-right w3-
top w3-text-light-grey w3-large" style="z-index:3;width:250px;font-
weight:bold;display:none;right:0;" id="mySidebar">
        <a href="javascript:void()" onclick="w3_close()" class="w3-bar-
item w3-button w3-center w3-padding-32">CLOSE</a>
        <a href="/dbmsproj/" onclick="w3_close()" class="w3-bar-item
w3-button w3-center w3-padding-16">Home</a>
        <a href="/dbmsproj/login.php" onclick="w3_close()" class="w3-
bar-item w3-button w3-center w3-padding-16">LOGIN</a>
        <a href="/dbmsproj/about.html" onclick="w3_close()" class="w3-
bar-item w3-button w3-center w3-padding-16">ABOUT</a>
    </nav>

    <!-- Top menu on small screens -->
    <header class="w3-container w3-top w3-white w3-xlarge w3-padding-
16">
        <span class="w3-left w3-padding">CARS & CARS</span>
        <a href="javascript:void(0)" class="w3-right w3-button w3-
white" onclick="w3_open()">☰</a>
    </header>

    <!-- Overlay effect when opening sidebar on small screens -->
    <div class="w3-overlay w3-animate-opacity" onclick="w3_close()"
style="cursor:pointer" title="close side menu" id="myOverlay"></div>

    <!-- !PAGE CONTENT! -->
    <div class="w3-main w3-content" style="max-width:1600px;margin-
top:83px;height:1000px; ">
        <center>
            <br><br>
            <h1 style="color:gold;">Select type of Wheel Drive</h1>
            <br><br><br><br><br>
            <a href="awd.html">All Wheel Drive</a>
            <a href="rwd.html">Rear Wheel Drive</a>
        </center>

    </div>

    <script>
        // Script to open and close sidebar
        function w3_open() {
            document.getElementById("mySidebar").style.display =
"block";
            document.getElementById("myOverlay").style.display =
"block";
        }

        function w3_close() {
            document.getElementById("mySidebar").style.display =
"none";
            document.getElementById("myOverlay").style.display =
"none";
        }

        // Modal Image Gallery
        function onClick(element) {
            document.getElementById("img01").src = element.src;
            document.getElementById("modal01").style.display = "block";
            var captionText = document.getElementById("caption");
            captionText.innerHTML = element.alt;
        }
    </script>
```

```
</body>

</html>
```

ALL WHEEL DRIVE

A)HTML

```
<!DOCTYPE html>
<html lang="en">
<title>CARS</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Raleway">
<style>
    body,
    h1,
    h2,
    h3,
    h4,
    h5 {
        font-family: "Raleway", sans-serif
    }

    .w3-quarter img {
        margin-bottom: -6px;
        cursor: pointer
    }

    .w3-quarter img:hover {
        opacity: 0.6;
        transition: 0.3s
    }

    a:link,
    a:visited {
        background-color: blue;
        color: white;
        padding: 15px 25px;
        text-align: center;
        text-decoration: none;
        display: inline-block;
    }

    a:hover,
    a:active {
        background-color: green;
    }
</style>

<body class="w3-light-grey">

    <!-- Sidebar/menu -->
    <nav class="w3-sidebar w3-bar-block w3-black w3-animate-right w3-
top w3-text-light-grey w3-large" style="z-index:3;width:250px;font-
weight:bold;display:none;right:0;" id="mySidebar">
        <a href="javascript:void()" onclick="w3_close()" class="w3-bar-
item w3-button w3-center w3-padding-32">CLOSE</a>
```

```
        <a href="/dbmsproj/" onclick="w3_close()" class="w3-bar-item
w3-button w3-center w3-padding-16">Home</a>
        <a href="/dbmsproj/login.php" onclick="w3_close()" class="w3-
bar-item w3-button w3-center w3-padding-16">LOGIN</a>
        <a href="/dbmsproj/about.html" onclick="w3_close()" class="w3-
bar-item w3-button w3-center w3-padding-16">ABOUT</a>
    </nav>

    <!-- Top menu on small screens -->
    <header class="w3-container w3-top w3-white w3-xlarge w3-padding-
16">
        <span class="w3-left w3-padding">CARS & CARS</span>
        <a href="javascript:void(0)" class="w3-right w3-button w3-
white" onclick="w3_open()">☰</a>
    </header>

    <!-- Overlay effect when opening sidebar on small screens -->
    <div class="w3-overlay w3-animate-opacity" onclick="w3_close()"
style="cursor:pointer" title="close side menu" id="myOverlay"></div>

    <!-- !PAGE CONTENT! -->
    <div class="w3-main w3-content" style="max-width:1600px;margin-
top:83px;height:1000px; ">
        <object type="text/php" data="/dbmsproj/awd.php" width=100%
height=100%>
        </object>

    </div>

    <script>
        // Script to open and close sidebar
        function w3_open() {
            document.getElementById("mySidebar").style.display =
"block";
            document.getElementById("myOverlay").style.display =
"block";
        }

        function w3_close() {
            document.getElementById("mySidebar").style.display =
"none";
            document.getElementById("myOverlay").style.display =
"none";
        }

        // Modal Image Gallery
        function onClick(element) {
            document.getElementById("img01").src = element.src;
            document.getElementById("modal01").style.display = "block";
            var captionText = document.getElementById("caption");
            captionText.innerHTML = element.alt;
        }
    </script>


</body>

</html>
```

B)PHP

```
<html>
<body>
<?php
require('config.php');

$sql = "SELECT * FROM cars , engine, gears_and_handling, look,
performance, price WHERE cars.id=engine.id AND
cars.id=gears_and_handling.id AND cars.id=look.id AND
cars.id=performance.id AND cars.id=price.id AND
gears_and_handling.wheel_drive LIKE '%all%' ";

$result = mysqli_query($link,$sql)or die(mysqli_error());
echo '<table align="center" border="1" cellspacing="1" align="center"
cellpadding="8">';
echo
"<tr><th>id</th><th>Make</th><th>Model</th><th>Series</th><th>Fuel</th>
<th>Wheel drive</th><th>Top speed</th><th>New Price</th><th>Used
Price</th><th>Pic</th><th>Video</th><th>Website</th></tr>";

while($row = mysqli_fetch_array($result)) {
    $id = $row['id'];
    $make = $row['make'];
    $model = $row['model'];
    $series = $row['series'];
    $fuel = $row['fuel'];
    $wheel_drive = $row['wheel_drive'];
    $topspeed = $row['top_speed'];
    $new = $row['new'];
    $used = $row['used'];
    $pic = $row['pic'];
    $video = $row['video'];
    $link = $row['link'];
    echo
"<tr><td>".$id."</td><td>".$make."</td><td>".$model."</td><td>".$series
."</td><td>".$fuel."</td><td>".$wheel_drive."</td><td>".$topspeed."</td
><td>".$new."</td><td>".$used."</td><td>"."<img src=".$pic."
alt=".$pic.'
style="width:300px;height:200px;">'."</td><td>".$video."</td><td>"."<a
href=".$link.">".$make.$model.$series."</a>"."</td></tr>";
}

echo "</table>";
mysqli_close($link);
?>
</body>
</html>
```

REAR WHEEL DRIVE

A)HTML

```
<!DOCTYPE html>
<html lang="en">
<title>CARS</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<link rel="stylesheet"
href="https://fonts.googleapis.com/css?family=Raleway">
<style>
```

```
    body,
    h1,
    h2,
    h3,
    h4,
    h5 {
        font-family: "Raleway", sans-serif
    }

    .w3-quarter img {
        margin-bottom: -6px;
        cursor: pointer
    }

    .w3-quarter img:hover {
        opacity: 0.6;
        transition: 0.3s
    }

    a:link,
    a:visited {
        background-color: blue;
        color: white;
        padding: 15px 25px;
        text-align: center;
        text-decoration: none;
        display: inline-block;
    }

    a:hover,
    a:active {
        background-color: green;
    }
</style>

<body class="w3-light-grey">

    <!-- Sidebar/menu -->
    <nav class="w3-sidebar w3-bar-block w3-black w3-animate-right w3-
top w3-text-light-grey w3-large" style="z-index:3;width:250px;font-
weight:bold;display:none;right:0;" id="mySidebar">
        <a href="javascript:void()" onclick="w3_close()" class="w3-bar-
item w3-button w3-center w3-padding-32">CLOSE</a>
        <a href="/dbmsproj/" onclick="w3_close()" class="w3-bar-item
w3-button w3-center w3-padding-16">Home</a>
        <a href="/dbmsproj/login.php" onclick="w3_close()" class="w3-
bar-item w3-button w3-center w3-padding-16">LOGIN</a>
        <a href="/dbmsproj/about.html" onclick="w3_close()" class="w3-
bar-item w3-button w3-center w3-padding-16">ABOUT</a>
    </nav>

    <!-- Top menu on small screens -->
    <header class="w3-container w3-top w3-white w3-xlarge w3-padding-
16">
        <span class="w3-left w3-padding">CARS & CARS</span>
        <a href="javascript:void(0)" class="w3-right w3-button w3-
white" onclick="w3_open()">☰</a>
    </header>

    <!-- Overlay effect when opening sidebar on small screens -->
    <div class="w3-overlay w3-animate-opacity" onclick="w3_close()"
style="cursor:pointer" title="close side menu" id="myOverlay"></div>
```

```
    <!-- !PAGE CONTENT! -->
    <div class="w3-main w3-content" style="max-width:1600px;margin-
top:83px;height:1000px; ">
        <object type="text/php" data="/dbmsproj/rwd.php" width=100%
height=100%>
        </object>

    </div>

    <script>
        // Script to open and close sidebar
        function w3_open() {
            document.getElementById("mySidebar").style.display =
"block";
            document.getElementById("myOverlay").style.display =
"block";
        }

        function w3_close() {
            document.getElementById("mySidebar").style.display =
"none";
            document.getElementById("myOverlay").style.display =
"none";
        }

        // Modal Image Gallery
        function onClick(element) {
            document.getElementById("img01").src = element.src;
            document.getElementById("modal01").style.display = "block";
            var captionText = document.getElementById("caption");
            captionText.innerHTML = element.alt;
        }
    </script>


</body>

</html>
```

B)PHP

```
<html>
<body>
<?php
require('config.php');

$sql = "SELECT * FROM cars , engine, gears_and_handling, look,
performance, price WHERE cars.id=engine.id AND
cars.id=gears_and_handling.id AND cars.id=look.id AND
cars.id=performance.id AND cars.id=price.id AND
gears_and_handling.wheel_drive LIKE '%rear%' ";

$result = mysqli_query($link,$sql)or die(mysqli_error());
echo '<table align="center" border="1" cellspacing="1" align="center"
cellpadding="8">';
echo
"<tr><th>id</th><th>Make</th><th>Model</th><th>Series</th><th>Fuel</th>
<th>Wheel drive</th><th>Top speed</th><th>New Price</th><th>Used
Price</th><th>Pic</th><th>Video</th><th>Website</th></tr>";

while($row = mysqli_fetch_array($result)) {
```

```
    $id = $row['id'];
    $make = $row['make'];
    $model = $row['model'];
    $series = $row['series'];
    $fuel = $row['fuel'];
    $wheel_drive = $row['wheel_drive'];
    $topspeed = $row['top_speed'];
    $new = $row['new'];
    $used = $row['used'];
    $pic = $row['pic'];
    $video = $row['video'];
    $link = $row['link'];
    echo
"<tr><td>".$id."</td><td>".$make."</td><td>".$model."</td><td>".$series
."</td><td>".$fuel."</td><td>".$wheel_drive."</td><td>".$topspeed."</td
><td>".$new."</td><td>".$used."</td><td>"."<img src=".$pic."
alt=".$pic.'
style="width:300px;height:200px;">'."</td><td>".$video."</td><td>"."<a
href=".$link.">".$make.$model.$series."</a>"."</td></tr>";
}

echo "</table>";
mysqli_close($link);
?>
</body>
</html>
```

SQL

```
CREATE TABLE `body` (
  `id` int(3) NOT NULL,
  `weight` int(5) NOT NULL,
  `height` int(5) NOT NULL,
  `width` int(5) NOT NULL,
  `length` int(5) NOT NULL,
  `ground_clearance` int(5) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;


CREATE TABLE `cars` (
  `id` int(3) NOT NULL,
  `make` varchar(20) NOT NULL,
  `model` varchar(20) NOT NULL,
  `series` varchar(20) DEFAULT NULL,
  `year_of_prod` year(4) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;


INSERT INTO `cars` (`id`, `make`, `model`, `series`, `year_of_prod`) VALUES
```

```
(1, 'Aston Martin', 'V12 Vantage', 'V600', 2018),
(2, 'Aston Martin', 'V12 Vantage', 'GT8', 2016),
(3, 'Aston Martin', 'V12 Vantage', 'S Roadster', 2014),
(4, 'Aston Martin', 'DB11', 'Volante', 2018),
(5, 'Aston Martin', 'DB9', 'Volante', 2013),
(6, 'Koenigsegg', 'Agera', 'RS', 2015),
(7, 'Koenigsegg', 'Agera ', 'RS-ONE', 2017),
(8, 'Koenigsegg', 'CCX', 'R', 2010),
(9, 'Koenigsegg', 'Regera', '5.0 V8', 2015),
(10, 'Lamborghini', 'Aventador', 'SVJ', 2018),
(11, 'Lamborghini', 'Aventador ', 'SV', 2015),
(12, 'Lamborghini', 'Aventador', 'SV Roadster', 2016),
(13, 'Lamborghini', 'Huracan', 'Spyder', 2015),
(14, 'Lamborghini', 'Huracan', 'Performante', 2017),
(15, 'Lamborghini', 'Huracan ', 'EVO', 2019),
(16, 'Lamborghini', 'Gallardo', 'Superleggera', 2007),
(17, 'Lamborghini', 'Veneno', 'Roadster', 2014),
(18, 'McLaren', 'MP4', '12C-Spyder', 2012),
(19, 'McLaren', 'P1', '', 2013),
(20, 'McLaren', '720', 'S', 2018),
(21, 'Pagani', 'Huayra', '', 2012),
(22, 'Pagani', 'Huayra', 'Roadster', 2017),
(23, 'Pagani', 'Zonda', 'F', 2005),
(24, 'Pagani', 'Zonda', 'Cinque', 2008),
(25, 'Porshe', 'GT2', 'RS', 2017),
(26, 'Porsche', 'GT3', 'RS', 2018),
(27, 'Porsche', '918', 'Spyder', 2014),
(28, 'Porsche', 'Carrera', 'GT', 2003),
(29, 'Tesla', 'Roadster', '', 2018),
(30, 'Tesla', 'Model S', 'P100D', 2016);


CREATE TABLE `engine` (
  `id` int(3) NOT NULL,
  `horsepower` int(5) NOT NULL,
```

```
  `fuelsystem` varchar(200) NOT NULL,
  `fuel` varchar(30) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;


INSERT INTO `engine` (`id`, `horsepower`, `fuelsystem`, `fuel`) VALUES
(1, 592, '', 'Gasoline'),
(2, 446, '', 'Gasoline'),
(3, 436, '', 'Gasoline'),
(4, 510, '', 'Gasoline'),
(5, 517, '', 'Gasoline'),
(6, 1176, '', 'Gasoline'),
(7, 1500, '', 'Premium Gasoline'),
(8, 1032, '', 'E85 BioFuel'),
(9, 1509, 'Hybrid - Electric And Gasoline', 'Hybrid'),
(10, 770, '', 'Gasoline'),
(11, 750, '', 'Gasoline'),
(12, 750, '', 'Gasoline'),
(13, 610, '', 'Gasoline'),
(14, 640, '', 'Gasoline'),
(15, 640, '', 'Gasoline'),
(16, 530, '', 'Gasoline'),
(17, 750, '', 'Premium Gasoline'),
(18, 592, '', 'Gasoline'),
(19, 800, 'Hybrid - Electric And Gasoline', 'Hybrid'),
(20, 710, '', 'Gasoline'),
(21, 1100, 'Hybrid - Electric And Gasoline', 'Hybrid'),
(22, 1105, 'Hybrid - Electric And Gasoline', 'Hybrid'),
(23, 602, '', 'Premium Gasoline'),
(24, 800, '', 'Premium Gasoline'),
(25, 700, '', 'Gasoline'),
(26, 705, '', 'Gasoline'),
(27, 900, 'Hybrid - Electric And Gasoline', 'Hybrid'),
(28, 700, 'Hybrid - Electric And Gasoline', 'Hybrid'),
(29, 700, '', 'Electric'),
```

```
(30, 613, '', 'Electric');

CREATE TABLE `gears_and_handling` (
  `id` int(3) NOT NULL,
  `type` varchar(20) NOT NULL,
  `no_of_gears` int(3) NOT NULL,
  `wheel_drive` varchar(20) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

INSERT INTO `gears_and_handling` (`id`, `type`, `no_of_gears`, `wheel_drive`) VALUES
(1, 'Manual', 7, 'Rear Wheel Drive'),
(2, 'Manual', 7, 'Rear Wheel Drive'),
(3, 'Manual', 7, 'Rear Wheel Drive'),
(4, 'Automatic', 8, 'All Wheel Drive'),
(5, 'Automatic', 6, 'All Wheel Drive'),
(6, 'Manual', 7, 'Rear Wheel Drive'),
(7, 'Manual', 8, 'Rear Wheel Drive'),
(8, 'Manual', 6, 'Rear Wheel Drive'),
(9, 'Manual', 8, 'Rear Wheel Drive'),
(10, 'Semi Automatic', 7, 'All Wheel Drive'),
(11, 'Semi Automatic', 7, 'All Wheel Drive'),
(12, 'Semi Automatic', 7, 'All Wheel Drive'),
(13, 'Manual', 7, 'Rear Wheel Drive'),
(14, 'Manual', 7, 'Rear Wheel Drive'),
(15, 'Manual', 7, 'Rear Wheel Drive'),
(16, 'Manual', 6, 'Rear Wheel Drive'),
(17, 'Manual', 7, 'All Wheel Drive'),
(18, 'Semi Automatic', 7, 'All Wheel Drive'),
(19, 'Semi Automatic', 7, 'All Wheel Drive'),
(20, 'Semi Automatic', 7, 'All Wheel Drive'),
(21, 'Manual', 7, 'Rear Wheel Drive'),
(22, 'Automatic', 7, 'Rear Wheel Drive'),
(23, 'Manual', 6, 'Rear Wheel Drive'),
(24, 'Manual', 6, 'Rear Wheel Drive'),
```

(25, 'Manual', 6, 'All Wheel Drive'),

(26, 'Manual', 6, 'All Wheel Drive'),

(27, 'Semi Automatic', 7, 'Rear Wheel Drive'),

(28, 'Manual', 6, 'Rear Wheel Drive'),

(29, 'Automatic', 6, 'All Wheel Drive'),

(30, 'Automatic', 6, 'All Wheel Drive');

CREATE TABLE `look` (

`id` int(3) NOT NULL,

`pic` varchar(3000) NOT NULL,

`video` varchar(3000) NOT NULL,

`link` varchar(3000) NOT NULL

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

INSERT INTO `look` (`id`, `pic`, `video`, `link`) VALUES

(1, 'https://aml-prod-cdn.azureedge.net/aml-prod-sitefinity-custom/images/default-source/models/new-vantage/am6_asset_04.jpg?sfvrsn=83dd6ff9_2&w=960&quality=60', 'https://youtu.be/sObYXczsFrY', 'https://www.astonmartin.com/en-us/models/new-vantage'),

(2, 'https://s1.cdn.autoevolution.com/images/news/ultra-rate-aston-martin-vantage-gt8-for-sale-at-gbp-259950-117166_1.jpg', 'https://youtu.be/46Gt7fLWoWc', 'https://www.astonmartin.com/en-us/models/new-vantage'),

(3, 'https://robbreportedit.files.wordpress.com/2015/02/p194g5hcbr4k41m171f7gopkdr251.jpg?w=1000', ' https://youtu.be/xzogOAz4ZHo', 'https://www.astonmartin.com/en-us/models/new-vantage'),

(4, 'https://aml-prod-cdn.azureedge.net/aml-prod-sitefinity-custom/images/default-source/models/db11/db11_05_asset_36.jpg?sfvrsn=cdab6bf9_24&w=960&quality=75', 'https://youtu.be/13AeuXNDPlo', 'https://www.astonmartin.com/en-us/models/db11'),

(5, 'https://img.favcars.com/aston-martin/db9/aston-martin_db9_2012_images_5.jpg', 'https://youtu.be/Rm1WR-WriAg', 'https://en.wikipedia.org/wiki/Aston_Martin_DB9#DB9_Volante'),

(6, 'https://www.wsupercars.com/wallpapers/Koenigsegg/2015-Koenigsegg-Agera-RS-V10-1080.jpg', 'https://youtu.be/y-7q8kFRXjU', 'https://www.koenigsegg.com/car/agera-rs/'),

(7, 'https://farm5.staticflickr.com/4306/35312059944_f180cb19c7_b.jpg', 'https://youtu.be/_eXcPKdarLQ', 'https://www.koenigsegg.com/koenigsegg-agera-rs1-debuts-at-2017-new-york-auto-show/'),

(8, 'https://www.koenigsegg.com/wp-content/uploads/2019/01/Koenigsegg-tour-desktop-01-1-1024x640.jpg', 'https://youtu.be/FEmG0gSUBhQ', 'https://www.koenigsegg.com/car/ccxr/'),

(9, 'https://www.koenigsegg.com/wp-content/uploads/2018/06/Koenigsegg_Regera_Building_MJ_14210_rev_LR-1-1024x682.jpg', 'https://youtu.be/4jhB9Yx0hyY', 'https://www.koenigsegg.com/car/regera/'),

(10, 'https://editorial.pxcrush.net/carsales/general/editorial/lamborghini-aventador-sharma_gautam_c014.jpg?width=1024&height=683', 'https://youtu.be/vmLOdP1DhX8', 'https://www.lamborghini.com/en-en/models/aventador/aventador-svj'),

(11, 'https://www.maserati-chicago.com/imagetag/5848/31/l/Used-2017-Lamborghini-Aventador-SV-LP-750-4-SV.jpg', 'https://youtu.be/0QjF6A3Zwkk', 'https://www.lamborghini.com/en-en/models/aventador'),

(12, 'https://rmsothebys-cache.azureedge.net/a/c/f/b/f/8/acfbf8dca4cd0c96903c17bbaaba8e7e5a1f6af2.jpg', 'https://youtu.be/MEg-OKHOYsw', 'https://www.lamborghini.com/en-en/models/aventador'),

(13, 'https://www.dupontregistry.com/autos/remote.jpg.ashx?404=default&width=644&height=428&urlb64=aHR0cHM6Ly93d3cuYmVudGxleWdvbGRjb2FzdC5jb20vZ2FsbGVyaWFfaW1hZ2VzLzcxMDkvNzEwOV9wMl9sLmpwZw&hmac=ClRVAEHQqW4', 'https://youtu.be/LN7autjEVZo', 'https://www.lamborghini.com/en-en/models/huracan/huracan-rwd-spyder'),

(14, 'http://cdn-ds.com/stock/2018-Lamborghini-Huracan-Performante-Performante-La-Jolla-CA/seo/VAMP16968-ZHWUD4ZF7JLA08904/sz_123351/ZHWUD4ZF7JLA08904_a2f0e81ca4c0eb4d.jpg', 'https://youtu.be/aB-qzVue3xw', 'https://www.lamborghini.com/en-en/models/huracan/huracan-performante'),

(15, 'https://cnet3.cbsistatic.com/img/0Nw8rovnjPI0Y0ZfgIKj4tI1Q8g=/970x0/2019/03/05/9aa0e9cf-0961-4d57-b890-143fc7ffba1e/huracan-evo-spyder-promo.jpg', 'https://youtu.be/W_C42fAmV_k', 'https://www.lamborghini.com/en-en/models/huracan/huracan-evo'),

(16, 'https://cdn.motor1.com/images/mgl/L0zGj/s1/2010-195839-lamborghini-gallardo-570-4-superleggera-live-in-geneva-02-03-20101.jpg', 'https://youtu.be/VWJQt3doBXA', 'https://www.lamborghini.com/en-en'),

(17, 'https://i.ytimg.com/vi/GClVBU7xY4g/maxresdefault.jpg', 'https://youtu.be/veuB_v2AAAc', 'https://www.lamborghini.com/en-en'),

(18, 'https://robbreportedit.files.wordpress.com/2013/07/14374581.jpg?w=910', 'https://youtu.be/BCPZSaHyZGQ', 'https://cars.mclaren.com/12C'),

(19, 'https://upload.wikimedia.org/wikipedia/commons/thumb/c/c8/McLaren_P1.jpg/1200px-McLaren_P1.jpg', 'https://youtu.be/OL_eIZjiLUk', 'https://cars.mclaren.com/ultimate-series/p1'),

(20, 'https://edge.slashgear.com/wp-content/uploads/2019/02/2020-mclaren-720s-spider-first-drive-review-1280x720.jpg', 'https://youtu.be/6oZSSB5n_Eg', 'https://cars.mclaren.com/super-series/720s'),

(21, 'http://www.driversmagazine.com/wp-content/uploads/2017/05/Red-Pagani-Huayra-BC-1-960x670.jpg', 'https://youtu.be/WnyPtKQKP3Y', 'https://www.pagani.com/huayra-bc/'),

(22, 'https://www.thesupercarblog.com/wp-content/uploads/2018/06/White-Pagani-Huayra-Roadster-Concorso-Ferrari-Friends-Huay-not-1.jpg', 'https://youtu.be/hJjcxf1ztTM', 'https://www.pagani.com/huayra-roadster/'),

(23, 'http://thebestautos.net/wp-content/uploads/2016/05/Side-View-Pagani-Zonda-F.jpg', 'https://youtu.be/LI5G8XPWhXc', 'https://www.pagani.com/zonda-f/'),

(24, 'https://www.autocar.co.uk/sites/autocar.co.uk/files/styles/gallery_slide/public/1281010104015361600x1060_0.jpg?itok=VJ4LMNld', 'https://youtu.be/ulsKbvLm2c0', 'https://www.pagani.com/zonda-cinque/'),

(25, 'https://cdn.motor1.com/images/mgl/GE718/s1/2018-porsche-911-gt2-rs-first-drive.jpg', 'https://youtu.be/0WZ-eZZXi-g', 'https://www.porsche.com/usa/models/911/911-gt2-rs/911-gt2-rs/'),

(26, 'https://d957130f14b26bbc11e2-4e8d2bc963841a308ca2330d517eb405.ssl.cf1.rackcdn.com/WP0AF2A95GS192297/1550e4bd299f64566401ddc4538b53cd.jpg', 'https://youtu.be/jOOFNKZR_ak', 'https://www.porsche.com/usa/models/911/911-gt3-models/'),

(27, 'https://rmsothebys-cache.azureedge.net/8/3/9/7/6/1/839761ad339e9331caab3441bbb543f65a2f4c5b.jpg', 'https://youtu.be/jiKPTadNbPc', 'https://en.wikipedia.org/wiki/Porsche_918_Spyder'),

(28, 'https://assets.hemmings.com/uimage/63184506-770-0@2X.jpg?rev=1', 'https://youtu.be/-ByuqStqUPQ', 'https://en.wikipedia.org/wiki/Porsche_Carrera_GT'),

(29, 'https://www.tesla.com/sites/default/files/images/roadster/roadster-social.jpg', 'https://youtu.be/ctx4YBEdOxo', 'https://www.tesla.com/roadster?redirect=no'),

(30, 'https://www.tesla.com/tesla_theme/assets/img/models/v1.0/section-hero-background.jpg?20180111', 'https://youtu.be/5H9RhmO4t-I', 'https://www.tesla.com/models');

CREATE TABLE `performance` (

`id` int(3) NOT NULL,

`top_speed` int(10) NOT NULL,

`acceleration` int(6) NOT NULL

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

INSERT INTO `performance` (`id`, `top_speed`, `acceleration`) VALUES

(1, 205, 4),

(2, 195, 5),

(3, 190, 4),

(4, 200, 4),

(5, 183, 5),

(6, 285, 3),

(7, 300, 3),

(8, 245, 3),

(9, 250, 3),

(10, 217, 3),

(11, 217, 3),

(12, 220, 3),

```
(13, 199, 4),
(14, 200, 3),
(15, 202, 3),
(16, 202, 4),
(17, 221, 3),
(18, 215, 4),
(19, 220, 3),
(20, 212, 3),
(21, 217, 3),
(22, 230, 3),
(23, 217, 3),
(24, 207, 3),
(25, 211, 3),
(26, 195, 3),
(27, 210, 2),
(28, 205, 4),
(29, 250, 2),
(30, 155, 3);

CREATE TABLE `price` (
  `id` int(3) NOT NULL,
  `new` int(20) NOT NULL,
  `used` int(20) DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;


INSERT INTO `price` (`id`, `new`, `used`) VALUES
(1, 185000, 120000),
(2, 170000, 100000),
(3, 200000, 120000),
(4, 250000, 150000),
(5, 200000, 110000),
(6, 1800000, NULL),
(7, 4000000, NULL),
(8, 700000, NULL),
```

(9, 2000000, NULL),

(10, 680000, NULL),

(11, 495000, 300000),

(12, 600000, NULL),

(13, 310000, 150000),

(14, 300000, 200000),

(15, 350000, 200000),

(16, 150000, 95000),

(17, 4500000, NULL),

(18, 250000, 150000),

(19, 1200000, NULL),

(20, 310000, 190000),

(21, 2600000, NULL),

(22, 2900000, NULL),

(23, 1400000, NULL),

(24, 1800000, NULL),

(25, 300000, 170000),

(26, 250000, 140000),

(27, 1200000, NULL),

(28, 600000, NULL),

(29, 200000, NULL),

(30, 135000, NULL);

```
CREATE TABLE `users` (
  `id` int(11) NOT NULL,
  `username` varchar(50) NOT NULL,
  `password` varchar(255) NOT NULL,
  `created_at` datetime DEFAULT CURRENT_TIMESTAMP
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
INSERT INTO `users` (`id`, `username`, `password`, `created_at`) VALUES
(1, 'neo', '$2y$10$Utkmc7oMhDA07H1AGuTy0uPaqvEn6qxpsVJAOM6ZPWv5/ld4lR4.W', '2019-04-02 13:47:50');
```

```
ALTER TABLE `body`
  ADD PRIMARY KEY (`id`);

ALTER TABLE `cars`
  ADD PRIMARY KEY (`id`),
  ADD UNIQUE KEY `id` (`id`),
  ADD UNIQUE KEY `id_2` (`id`);

ALTER TABLE `engine`
  ADD PRIMARY KEY (`id`);

ALTER TABLE `gears_and_handling`
  ADD PRIMARY KEY (`id`);

ALTER TABLE `look`
  ADD PRIMARY KEY (`id`);

ALTER TABLE `performance`
  ADD PRIMARY KEY (`id`);

ALTER TABLE `price`
  ADD PRIMARY KEY (`id`);

ALTER TABLE `users`
  ADD PRIMARY KEY (`id`),
  ADD UNIQUE KEY `username` (`username`);

ALTER TABLE `users`
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=2;

ALTER TABLE `body`
  ADD CONSTRAINT `fk_car_id1` FOREIGN KEY (`id`) REFERENCES `cars` (`id`) ON DELETE CASCADE ON
UPDATE CASCADE;

ALTER TABLE `engine`
  ADD CONSTRAINT `fk_car_id` FOREIGN KEY (`id`) REFERENCES `cars` (`id`) ON DELETE CASCADE ON
UPDATE CASCADE;

ALTER TABLE `gears_and_handling`
```

```
  ADD CONSTRAINT `fk_car_id2` FOREIGN KEY (`id`) REFERENCES `cars` (`id`) ON DELETE CASCADE ON
UPDATE CASCADE;

ALTER TABLE `look`

  ADD CONSTRAINT `fk_car_id3` FOREIGN KEY (`id`) REFERENCES `cars` (`id`) ON DELETE CASCADE ON
UPDATE CASCADE;

ALTER TABLE `performance`

  ADD CONSTRAINT `fk_car_id4` FOREIGN KEY (`id`) REFERENCES `cars` (`id`) ON DELETE CASCADE ON
UPDATE CASCADE;

ALTER TABLE `price`

  ADD CONSTRAINT `fk_car_id5` FOREIGN KEY (`id`) REFERENCES `cars` (`id`) ON DELETE CASCADE ON
UPDATE CASCADE;
```

SNAPSHOTS

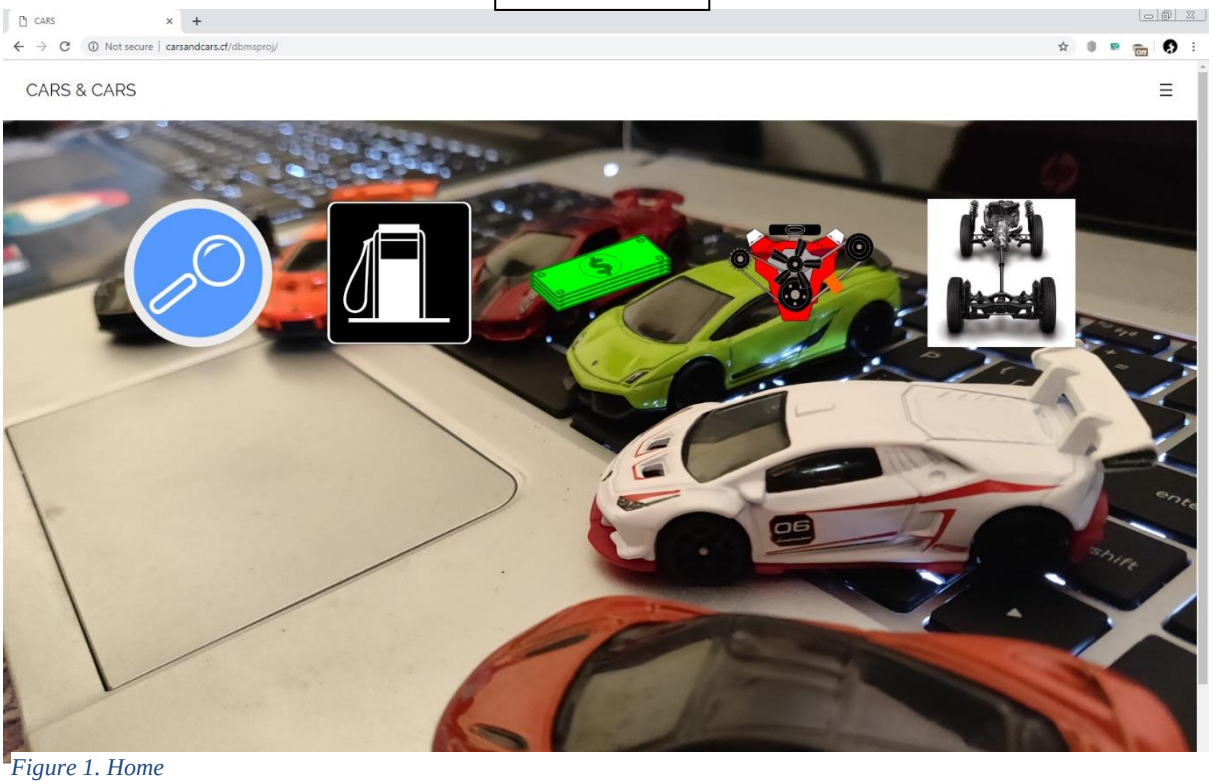


Figure 1. Home

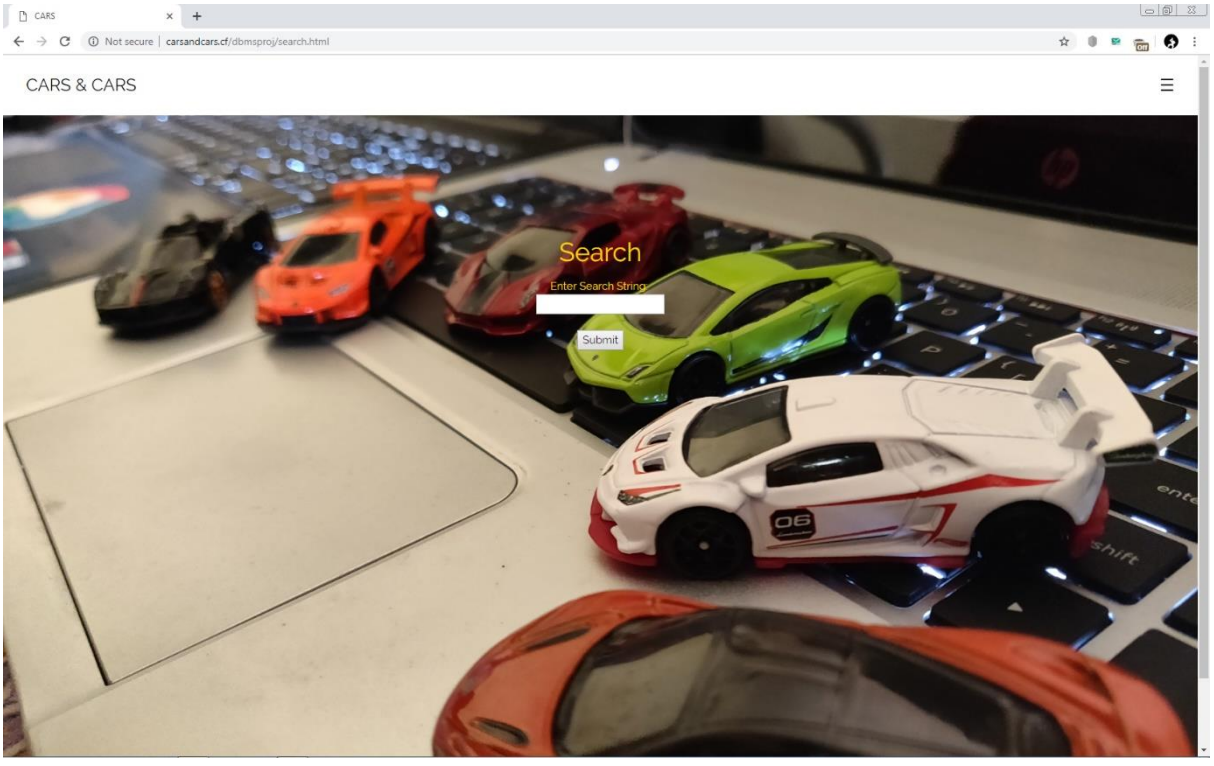


Figure 2. Search

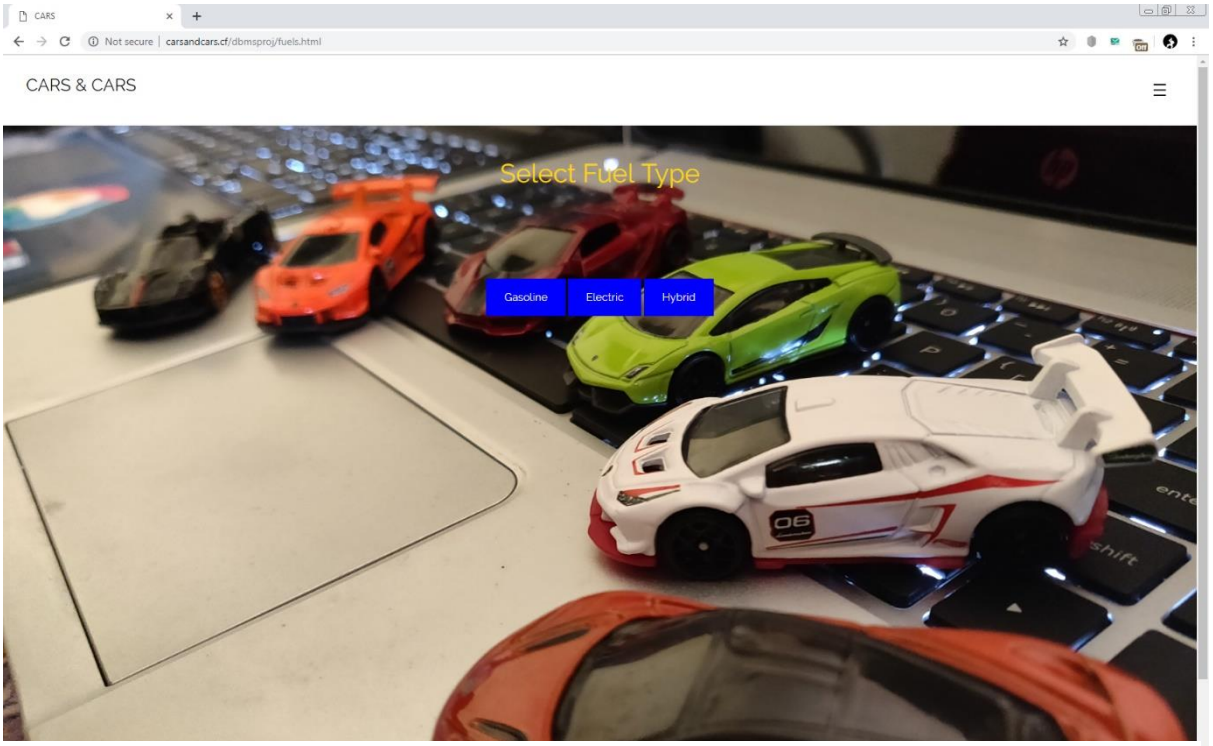


Figure 3. Fuel

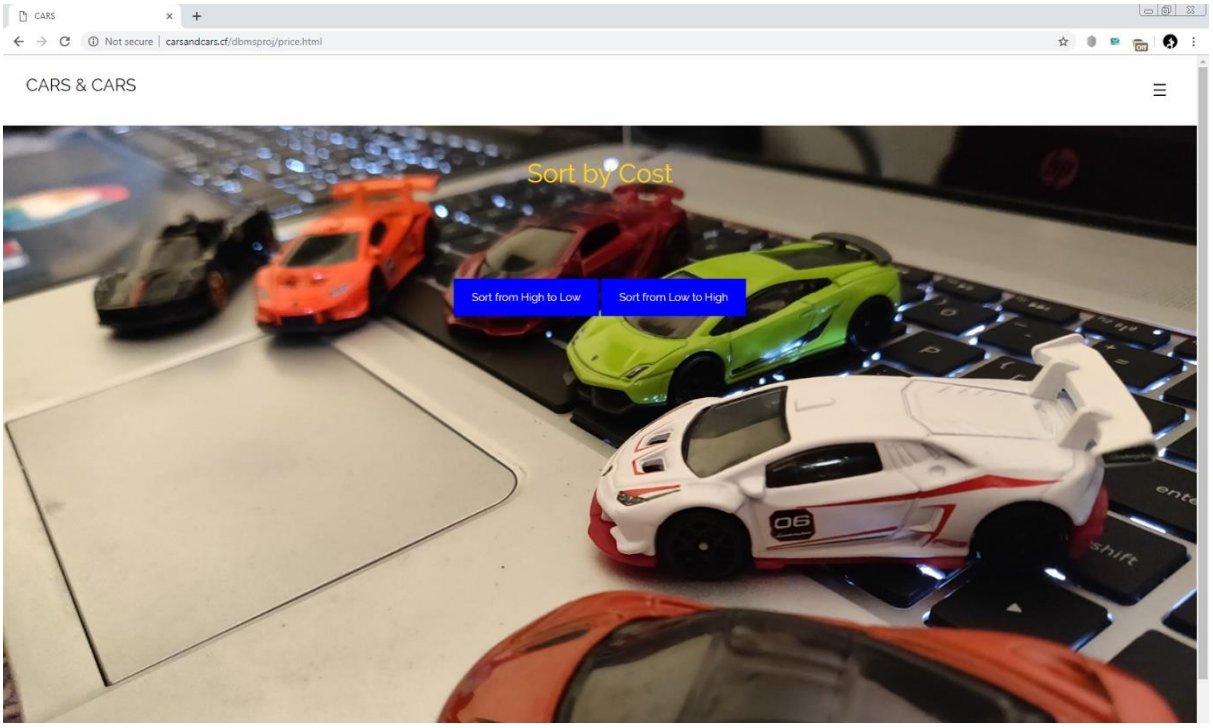


Figure 4. Price

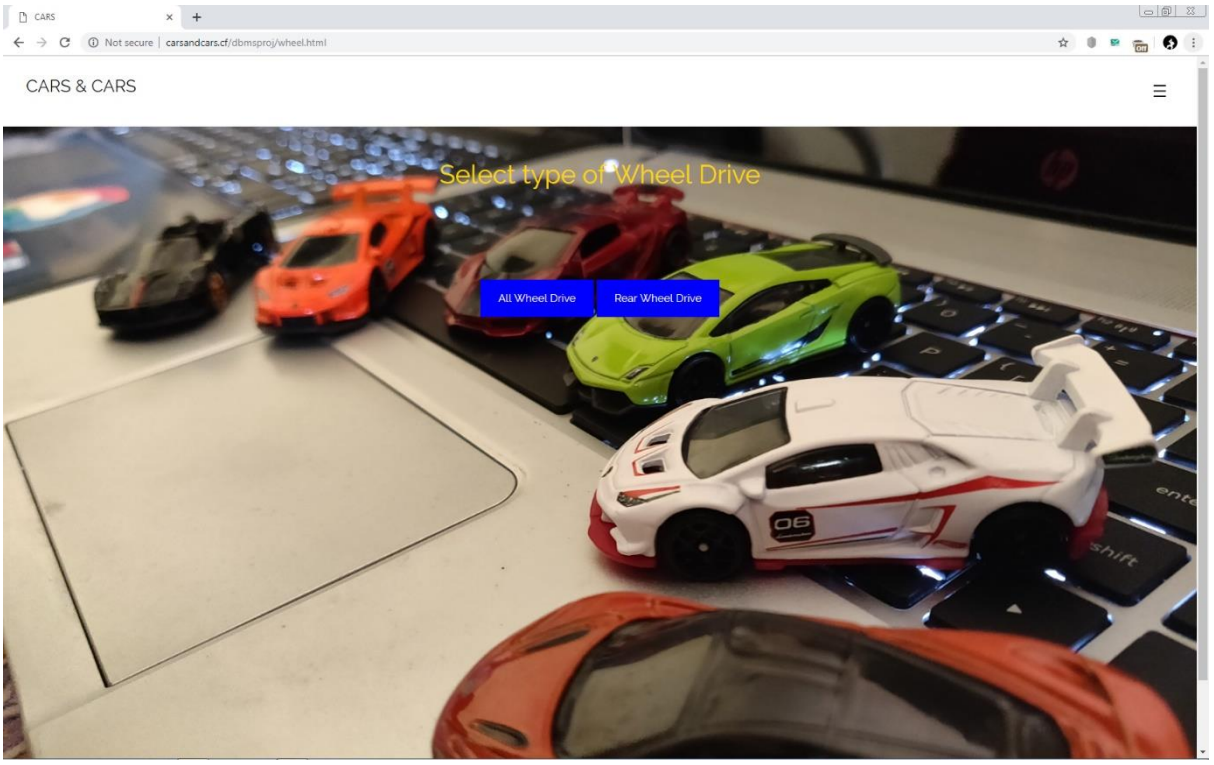


Figure 6. Wheel Drive

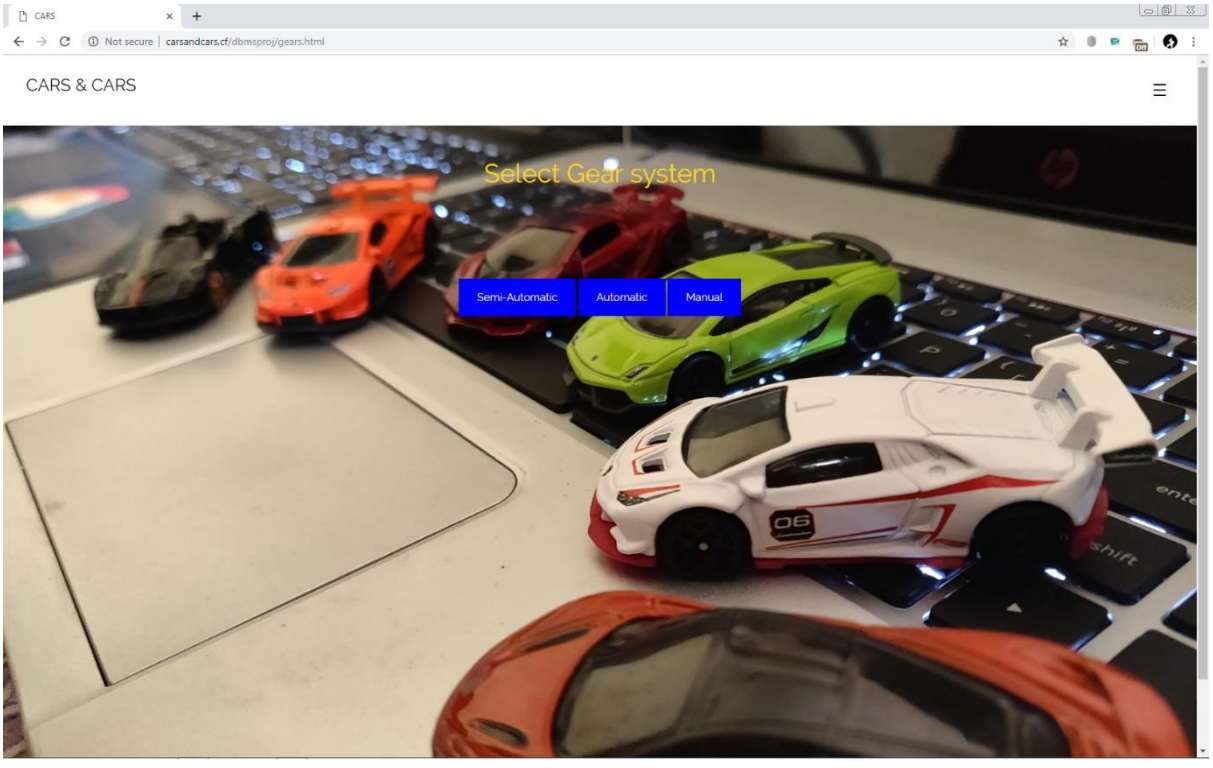


Figure 5. Gear

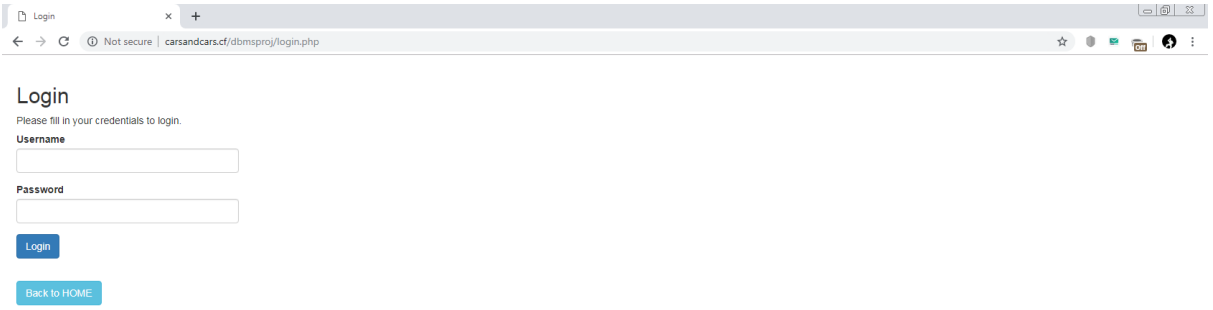


Figure 7. Login

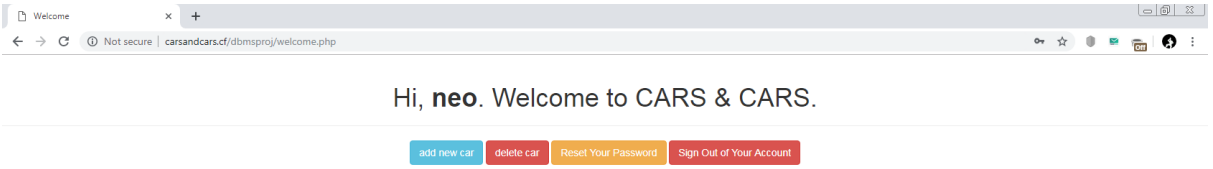


Figure 8. INSERT/DELETE/RESET/SIGNOUT

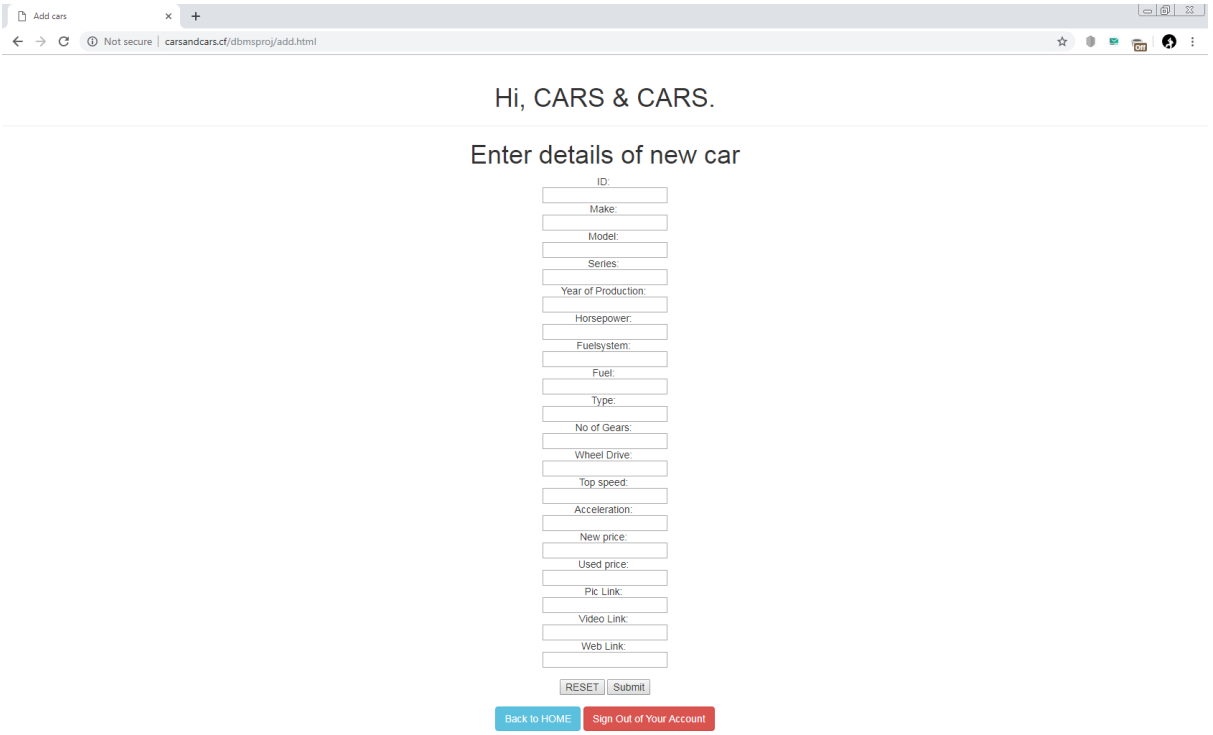


Figure 9. Insert

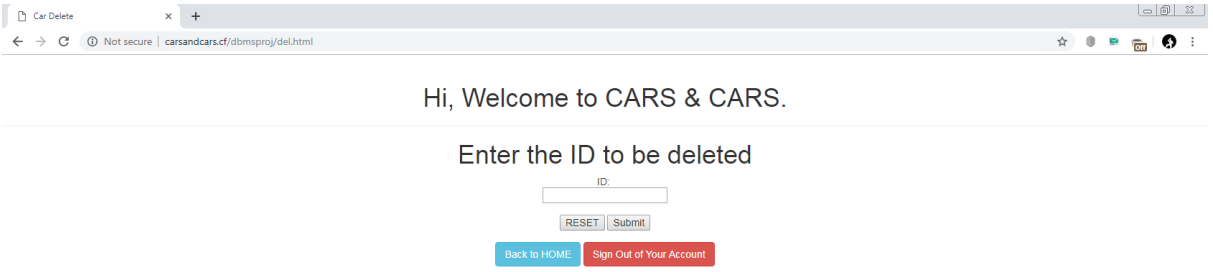


Figure 10. Delete

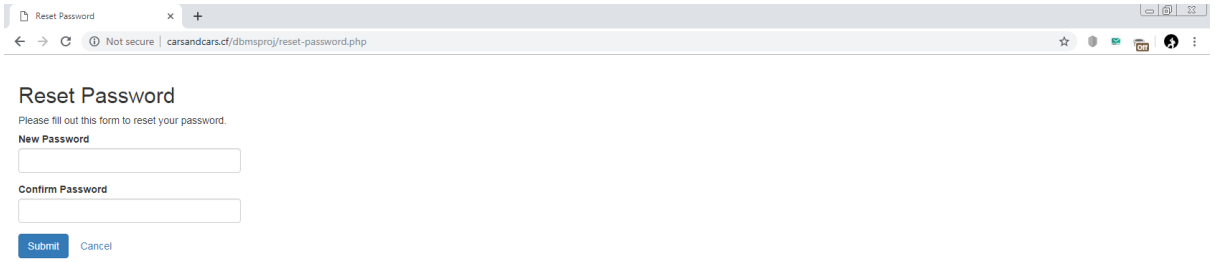


Figure 11. Reset

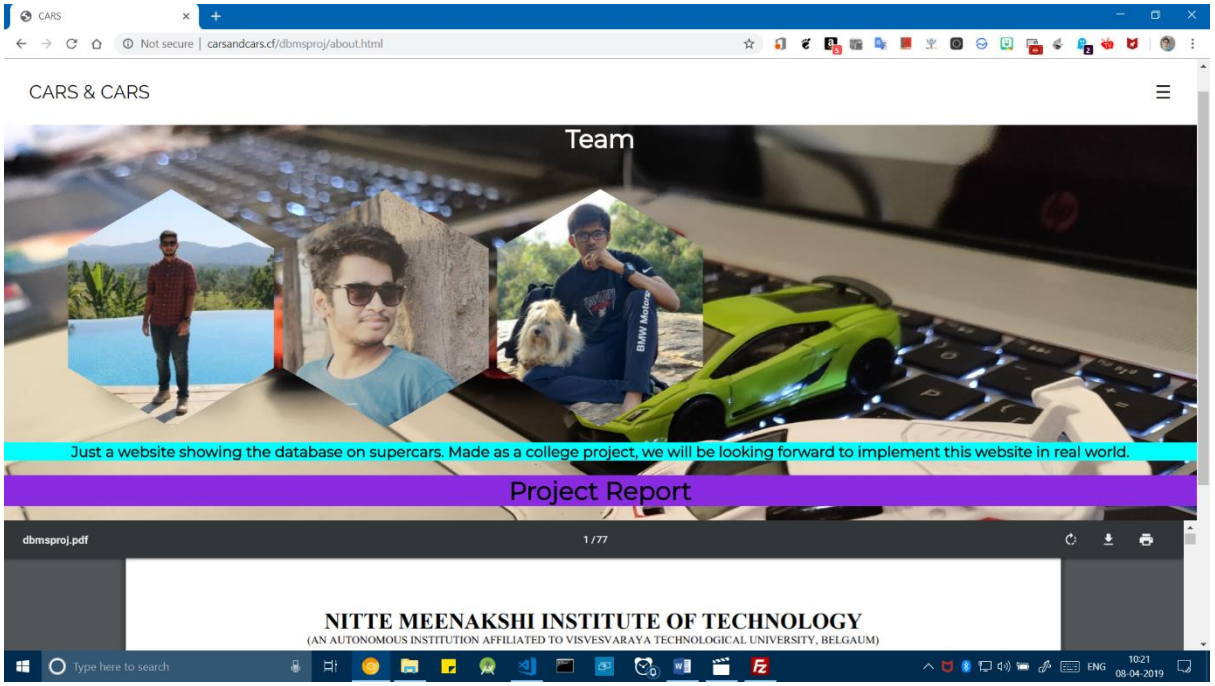


Figure 12. About

References

- https://www.w3schools.com/w3css/tryit.asp?filename=tryw3css_templates_portfolio3&stacked=h
- https://www.digitalocean.com/community/tutorials/how-to-install-linux-apache-mysql-php-lamp-stack-ubuntu-18-04
- https://www.w3schools.com/php7/default.asp