Assessment 3 – Car Sale Website

Unit code/name	ICT 203 Web Application Development
Presentation duration	10-minute presentation per student in week 12
Total marks	40% of final mark
General Instruction for students	Students will have to record a 3-minute video to show case their website. The video must contain code-walkthrough explaining how the code works. Video must be uploaded to YouTube and then submit link in a text file. Also, the folder containing all the code for their web app will have to be zipped and submitted. Submission will contain 2 things: 1. Text file contain link to your video 2. Zip file containing your entire website files.
Date	Week 12
Time	3:00 PM

Description

The assignment involves the design and implementation of the back-end of Car Sale website. The **Online Car Sale** allows registered sellers to advertise their cars in a **website** and buyers to search and buy cars. You designed and built the front-end of website in assignment 2 by using HTML and CSS and JavaScript. In this stage, you are required to create Database and store sellers' data, implement login, and search functions by using **PHP and MYSQL**. This project is worth 40% of your final mark.

Guidelines

A. Database

Create a database to store sellers' details and cars information.

B. Seller Registration

Once seller details are successfully submitted, all the seller details should be stored into the Database and an acknowledgement message should be displayed.

B. Login

Sellers should be given the option to login using existing username and password if they are already registered. If the attempt to login is successful, the seller page (add car page) should be displayed.

C. Seller Page

This page should provide the following links for all the sellers after successfully logging in:

- **Add Car**

Once the car details are successfully submitted, all the car details should be stored into the Database including seller ID which is a foreign key.

D. Search Page

Search page allows the buyers to find cars that they are looking for by typing the *Model and location*. This option should allow buyers to view selected cars details.

Marking Scheme

Task A: Database (weightage 6%)
Task B: Store seller details (weightage 6%)
Task C: Login (weightage 9%)
Task D: Store car details with seller ID (weightage 9%)
Task E: Search cars (weightage 10%)

The detail of marking scheme is given below:

No.	Criteria	Marks		
		poor	average	good
1	Database (6 marks): • Table design: 1. Seller table (2.5 marks) 2. Car table (2.5 marks) 3. Foreign key in car table (1 mark) • Source code was original (not copied)			
2	Store seller details (6 marks): • Logic and syntax are correct (5 marks) • Proper acknowledgement message (1 mark) • Source code was original (not copied)			
3	Login (9 marks): • Logic and syntax are correct (7 marks) • Proper redirection after successful / unsuccessful login (2 mark) • Source code was original (not copied)			
4	Store car detail (9 marks): • Logic and syntax are correct (5 marks) • The seller id is saved in car table (3 marks) • Proper redirection after successful / unsuccessful login (1 mark) • Source code was original (not copied)			
5	Search function (10 marks) • Search based on model (8 marks) • Search based on location (2 marks) • Source code was original (not copied)			
Percentage (maximum 40%)				

Note:

You are required to use what you will have learned throughout the whole course. Students caught plagiarizing content and/or design will be given a mark of zero (0); at any or all stages of the assessment points!