



BTEC L3 Extended Diploma in Information Technology

Responsible Team: **Business, ICT and Travel**

Module Title:	Web Server Scripting	Internal Verifier	S Karavadra
Module Tutor:	Derek Peacock / Joseph Ake	Course Code	CEDICTXX3
Assignment Title/No:	Assignment 2/2	Module Code	Unit 27
Submission date/week:	Friday 22/06/2018	Hand out Date	26/04/2018

Submission instructions

To be submitted by 11.55pm on Friday 22nd June electronically via Cloud and a shared area or web server using links provided.

Learning Outcomes

- Be able to use web server scripting

Tasks

You have been newly appointed to a web development company which has been asked to update a website for a local car sale dealership – Aylesbury Automobiles. The current website has static fixed web pages and the car dealership wants to be able to update the content of the site’s web pages by changing the content of its newly created SQL Server Database.

Your company has asked you to produce a new website using Server-Side Scripting which contains pages which prototype some of the features that will be required in the final production website.

TASK 1

In your server-side scripting pages must include page(s) that:

- identify a user’s browser and screen resolution (**P2**)
- upload files to a web server (**P3**)
- a simple login system that has been tested and documented (**P4**)
- a content management system to provide dynamic web pages showing details of cars to customers (**P5**)

In addition, your pages can also include

- Editing the content of a text file (**M2**)
- A multi-user dynamic login system (**M3**)
- An error log (**M4**)
- Website statistics (**D2**)

Format for submission

A complete website uploaded to a shared area, or published on a web server, together with a Word Document containing screen shots which show each of the required features working.

Suggested Methods

Research using the internet and in particular, the <http://asp.net> website. Coding example websites such as WingTip Toys [Download E-book \(PDF\)](#) using Web Forms
 The Music Store <https://docs.microsoft.com/en-us/aspnet/mvc/overview/older-versions/mvc-music-store/> using MVC

Useful Sources

Recommended Reading:
Beginning ASP.NET 4.5.1: In C# and Vb, Imar Spaanjars, Wrox (2014)
ASP.NET MVC with Entity Framework and CSS, Lee Naylor, Apress (2016)

Websites:
 Microsoft Documentation: <https://docs.microsoft.com/en-gb/aspnet/overview>
 ASP.NET Web Forms: <https://www.asp.net/web-forms>
 ASP.NET MVC: <https://www.asp.net/mvc>
 Visual Studio Community Edition (free) <https://www.visualstudio.com/downloads/>

Assessment and Grading Criteria

P2 use web server scripting to identify a user’s browser and screen resolution		
P3 upload files to a web server using web server scripting	M2 edit the content of a text file on a web server using web server scripting	
P4 implement, test and document a simple login system using web server scripting [CTI]	M3 create a multi-user, dynamic login system using web server scripting	
P5 implement, test and document a web content management system to meet a defined need	M4 implement an error log for a website using web server scripting.	D2 create a web application to generate website statistics using web server scripting