



Prifysgol Cymru
Y Drindod Dewi Sant
University of Wales
Trinity Saint David

LEVEL/ LEFEL 5

MODULE CODE/ COD Y MODIWL: ACCC5004
WEB DEVELOPMENT

ASSESSMENT TYPE/ MATH O ASESU: ASSIGNMENT

ASSESSMENT/COMPONENT/ ASESAD/CYDRAN: TASK 1

COMPONENT WEIGHTING/ PWYSAU'R CYDRAN: 50 %

WORD COUNT/ NIFER Y GEIRIAU: N/A

SUBMISSION DETAILS/ MANYLION CYFLWYNO:

- **All files of the website and the database should be zipped and submitted electronically to Moodle.**



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BACHELORS DEGREE ASSIGNMENT SPECIFICATION (SOAC)

Programme:	BSc Cloud Computing		
Assignment Title:	Website development Task 1		
Hand Out Date:	2 nd Week of Term	Submission deadline:	Please refer to the assessments schedule published on Students' Hall in Moodle and the Assessment Board on campus

Referencing:	In the main body of your submission you must give credit to authors on whose research your work is based. Append to your submission a reference list that indicates the books, articles, etc. that you have read or quoted in order to complete this assignment (e.g. for books: surname of author and initials, year of publication, <u>title of book</u> , edition, publisher: place of publication).
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Late submission will result in a late penalty mark, as follows:

Up to one week late, maximum mark of 40% for first attempts and 0% for resubmissions. No work will be accepted more than one week after the submission deadline

(Academic Quality Handbook 2016/17 7.5 (5))

**Learning Outcomes tested
(from module/unit syllabus)**

Evaluate the concepts, principles, technologies and techniques used in the development of web applications.

Design and implement web applications using server side programming language(s) to resolve a range of web-based problem scenarios.

TASK DESCRIPTION

(Lecturer – please insert task(s) / questions / what the student must do, here)

Task 1:

Develop an information-based website which supports dynamic content using server-side programming language. (Example: e-commerce application, moving van Company, etc)

GUIDANCE FOR STUDENTS IN THE COMPLETION OF TASKS

(Lecturer – please insert guidance for students here. Please link the task to the five common assessment criteria overleaf)

Task 1:

The site should include the following

1. Data should be stored in an appropriately normalised database.
2. The website should connect to the database in order to retrieve content and display it on web pages.
3. The user should be able to search for information and appropriate responses should be displayed as a result.
4. Suitable security measures should be taken to protect sensitive data (e.g. login, validation)
5. There should also be an administrator aspect to your website e.g. add, edit, delete records.

The content of the website and the dynamic content is left to the discretion of the student. Once decided, the content should be approved by the lecturer.

MARKING CRITERIA AND STUDENT FEEDBACK

This section details the assessment criteria. The *extent* to which these are demonstrated by you determines your mark. The marks available for each criterion are shown. Lecturers will use the space provided to comment on the achievement of the task(s), including those areas in which you have performed well and areas that would benefit from development/improvement.

Task 1: 100 marks

Assessment Criteria: Task 1	Marks available	Marks awarded
1. Overall quality, including usability and relevance (practicality) of the implemented Web application.	35	
2. Data Display and interactive queries.	10	
3. Implementation of an appropriate and properly normalised database, CRUD Operations.	35	
4. Validation. All the elements in the form that are used to get some data from user/client should be validated.	20	

Assignment Mark (Assessment marks are subject to ratification at the Exam Board. These comments and marks are to give feedback on module work and are for guidance only until they are confirmed.)	Late Submission Penalties (tick if appropriate)		%
	Up to four weeks late		
	First Attempt?		

COMMON ASSESSMENT AND MARKING CRITERIA

	OUTRIGHT FAIL	UNSATISFACTORY	SATISFACTORY	GOOD	VERY GOOD	EXCELLENT	EXCEPTIONAL
Assessment Criteria	0-29%	30-39%*	40-49%	50-59%	60-69%	70-79%	80-100%
1. Overall quality, including usability and relevance (practicality) of the implemented Web application.	No basic required functionalities relevant to suggested website was implemented to the fullest.	Little basic functionality implemented but not working properly and is not very relevant to the context.	.One/two functionalities implemented works but with needed more revision in the logic.	Few functionalities implemented works and others need major revision.	Most of the functionalities implemented, but needed little changes with logic needed in some functionalities to deploy it in real-time.	All basic functionalities implemented and work fine with the need for only minor enhancements for using in real-time.	All the basic functionalities required are implemented and works properly.
2. Data Display and interactive queries.	No interactive queries supported. Inadequate data and very poor data display.	No interactive queries supported. Data display, quantity, and quality are poor.	Irrelevant queries are implemented and are not functioning appropriately. Data display, quantity, and quality needs improvement.	Interactive queries are implemented but are irrelevant. Needs little improvement in data display, quantity, and quality	One/two interactive queries implemented and functions properly. Data display, quantity, and quality are good.	Required interactive queries implemented and functions properly. Data display, quantity, and quality are very good.	Required interactive queries are implemented and work perfectly. Quality, quantity and display of data is excellent.
3. Implementation of an appropriate and properly normalised database, CRUD Operations.	No table implemented.	Not all the required tables are created.	All the necessary tables are created.	All necessary tables are created with relationship established between them but are not appropriate.	All necessary tables are created with relationship established between the tables and few relationships are not appropriate.	All necessary tables are created with relationship established and most of them are appropriate and works fine.	All necessary tables are created with relationship established and all of them are appropriate and works fine.
4. Validation- All the elements in the form that are used to get some data from user/client should be validated.	No validation.	Only mandatory field is set.	Few of the fields are validated and others are not validated.	All fields are validated with minimum criteria.	All fields are validated. Few are validated to the fullest. Few with minimum criteria.	Validation is done to the fullest including the avoidance of duplicate entry inside a table and with the table related to it.	Validation is done to the fullest including the avoidance of duplicate entry inside a table and with the table related to it. Taken into consideration the situation in which the format of the data is correct, but data is irrelevant (e.g. the end date is less than the start date).