

SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF COMPUTING AND INFORMATION SYSTEMS

WEB2202 WEB PROGRAMMING

ACADEMIC SESSION: AUGUST 2022

FINAL ASSESSMENT: WEB PROJECT

DUE DATE: 25 NOVEMBER 2022

STUDENT NAME: _____

STUDENT ID: _____

PROGRAMME: _____

YEAR / SEMESTER: _____

INSTRUCTIONS TO CANDIDATES

- This is an **Individual/Group** project.
- The **Web Project** and **Presentation** will contribute **50%** to the Final Assessment mark.
- The **Web Proposal** and **Web Report** will contribute **50%** of the Coursework mark.

IMPORTANT NOTICE

The University requires students to adhere to submission deadlines for any form of assessment. Penalties are applied in relation to all late submission of work. Project submitted after the deadline will be regarded as a non-submission and marked zero.

Academic Honesty Acknowledgement

"I (student name) verify that this paper contains entirely my own work. I have not consulted with any outside person or materials other than what was specified (an interviewee, for example) in the assignment or the syllabus requirements. Further, I have not copied or inadvertently copied ideas, sentences, or paragraphs from another student. I realize the penalties (*refer undergraduate programme student handbook*) for any kind of copying or collaboration on any assignment."

..... (Student's signature / Date)

WEB PROJECT

The Web project is to develop an E-Commerce Website to collect and sell recycle products and the money collected will channel for charity purpose.

Your site must demonstrate the following:

- Registration function
- Login function which includes Admin login and User login
- Admin function: Edit and Delete Customer and Product details
- Customer and Product Form which include Form Validation
- Shopping cart
- Session timeout
- Database structure

Deliverables

You are required to submit the whole XAMPP folder which includes the php and sql files. The deliverables are needed to upload to OneDrive before the deadline stated on the cover page.

E-COMMERCE PRODUCT: _____

WEB FEATURES	ITEMS	MARKS	SCORES
User Login	Admin and User	10	
Form	Registration	10	
	Form Validation	10	
Product	Product Page	10	
	Edit and Delete	10	
Product Order	Shopping Cart	10	
Security Features	Password and Session Timeout	10	
Content and Design	Website Content	10	
	Design	10	
	Usability	10	
TOTAL		100	

FINAL ASSESSMENT

Evaluation Criteria

Web Project (100% -> 40%) - Group

Criteria	Unsatisfactory (0-39%)	Satisfactory (40-59%)	Good (60-69%)	Excellent (70-100%)
PHP Functions (70%)	≥ 40% of the functions / features do not work as intended.	< 40% of the functions / features do not work as intended.	< 20% of the functions / features do not work as intended.	All the functions / features work as intended.
Content (10%)	Content is irrelevant to the purpose of the website. Data quality is questionable. Quantity is limited.	Content is somewhat irrelevant to the purpose of the website with some spurious content. Data quality and quantity are adequate.	Content is relevant to the purpose of the website with some spurious content. Data quality and quantity are adequate.	Content is relevant and irrelevant content is almost non-existent. Data quality is unquestioned and provides excellent coverage.
Design (10%)	Poorly thought-out design. Design is inconsistent throughout the website. Has issues with scaling or layout on different viewport sizes. Implemented <60% of the proposed website design.	Adequately thought-out design. Design is somewhat consistent throughout the website. With some issues with scaling or layout on different viewport sizes. Implemented about 70% of the proposed website design.	Well thought-out design. Design is mostly consistent throughout the website. With one or two issues with scaling or layout on different viewport sizes. Implemented about 80% of the proposed website design.	Excellent thought-out design. Design is consistent throughout the website. Has no issues with scaling or layout. Implemented about 90% of the proposed website design.
Usability (10%)	Element placement make it hard to use (especially with different viewports). Buttons and links are not well placed or defined.	Element placements could be improved. Some buttons and links are fairly well placed and defined (either by some kind of style or colour).	Placement of different elements make it easy to use. With one or two minor issues but does not affect the usability. Most of the buttons and links are easy to locate and follow	Placement of different elements on the page make it easy to use. All buttons and links are easy to locate and follow with no ambiguity as to what they do or lead to.

Evaluation Criteria

Web Presentation (100% -> 10%) - Individual

Criteria	Unsatisfactory (0-39%)	Satisfactory (40-59%)	Good (60-69%)	Excellent (70-100%)
PHP Functions (70%)	≥ 40% of the functions / features do not work as intended.	< 40% of the functions / features do not work as intended.	< 20% of the functions / features do not work as intended.	All the functions / features work as intended.
Coherence and Organization (15%)	<p>Presentation is not coherence and examples are not relevant and inaccurate.</p> <p>Transitions and flow are not logical.</p> <p>Website contained errors and lack of logical progression.</p> <p>Conclusions are unclear.</p>	<p>Presentation is not fully coherence and examples are not fully relevant.</p> <p>Transitions and flow are somewhat difficult to follow.</p> <p>Website has some errors and less logically presented.</p> <p>Conclusions are not clearly addressed.</p>	<p>Presentation is coherence, but not all examples are supportive illustrations.</p> <p>Transitions and flow are fair to follow.</p> <p>Website is error-free but less logically presented.</p> <p>Conclusions are acceptably addressed.</p>	<p>Presentation is fully coherence and examples are relevant and accurate.</p> <p>Transitions and flow are easy to follow.</p> <p>Website is error-free and logically presented.</p> <p>Conclusions are well-addressed.</p>
Speaking Skills (15%)	<p>Presenter is often inaudible, hesitant and relied heavily on reading from notes.</p> <p>Speaker's volume cannot be heard clearly.</p> <p>Showing discomfort in presentation.</p> <p>The presentation does not fit into the time allotment of 20 minutes.</p>	<p>Presenter has somewhat unclear articulation.</p> <p>Speaker demonstrated reasonably volume but somewhat distorted.</p> <p>Enthusiasm and confidence are not exuded.</p> <p>The presentation barely fit into the time allotment of 20 minutes.</p>	<p>Presenter has reasonably clear articulation.</p> <p>Speaker demonstrated reasonably good volume but rarely somewhat distorted.</p> <p>Enthusiasm and confidence are somewhat exuded.</p> <p>The presentation fit into the time allotment but slightly more or less than 20 minutes.</p>	<p>Presenter has clear articulation.</p> <p>Speaker demonstrated good volume and very smooth flow.</p> <p>Enthusiasm and confidence are exuded.</p> <p>The presentation fit into the time allotment of 20 minutes.</p>

Web Presentation (10%) - Individual

A 20 minutes video presentation that covers the following:

- To walkthrough the working website and its implementation.
- Explain the PHP functions on the user interface with its corresponding PHP codes on the back-end and also its back-end database.

Deliverables

You are required to submit the video presentation in mp4 format. The deliverables are needed to upload to OneDrive before the deadline stated on the cover page.

COURSEWORK

Web Report (30%) - Individual

A report that covers the following:

- Introduction of your project. Gives an overview of the project, rationale behind the creation of this website and the requirements.
- Screenshots of user interface on how to implement the PHP functions listed on the Web Features table.
- Implementation details of the website and justification of the approaches (excerpts of PHP codes for the PHP functions).
- Test cases and test results.

Deliverables

You are required to submit the softcopy of the report to eLearn.

Evaluation Criteria

Web Report (100% -> 30%) - Individual

Criteria	Unsatisfactory (0-39%)	Satisfactory (40-59%)	Good (60-69%)	Excellent (70-100%)
Introduction (20%)	Provides a poor overview of what the project is about. Sounds like nothing more than a repeat of what is said in the assignment sheet. Work is not justified at all. No requirements stated or requirements are too general and not sufficiently clear.	Provides an adequate overview of the project with some aims and objectives. Work is somewhat justified but either weak, unsubstantiated or anecdotal in nature. The requirements are somewhat stated but not clear.	Provides a good overview of the project with some aims and objectives. Work is moderately justified. The requirements are stated and rather clear but there is still room to improve.	An excellent overview of the project with clear aims and objectives. Set a clear stage and justification of what the project is going to achieve. Work is well justified. The requirements of website are clearly stated.
Implementation and Results (50%)	The implementation is poorly described and can be repetitive. No or poor justification given for the approach(es).	The implementation is adequately described. Few redundancies and some justifications are given for the approach(es).	The implementation is well described and justified but with some redundancies.	The implementation is concisely described with the justification for the approach(es).
Layout Design (20%)	Layouts are not clearly shown nor justified. Work appears to be done hurriedly.	A layout is shown and adequately justified. Work appears to have some thought put into it.	A layout is shown and justified. Work appears to have some good thought put into it.	A clear revision is shown in the storyboard. Layouts are clearly shown and justified.
Formatting (5%)	The format is inconsistent. Fonts and spacing can change within the document without any reason. Page numbering is incorrect. Margins and alignments are wrong.	The format is consistent. With some odd fonts and spacing within the document. Page numbering, margin, and alignments mostly correct.	The format is consistent. No odd fonts and spacing changes within the document. Any change of style is purposeful. Page numbering, margin, and alignments are correct with some minor errors.	Consistent formatting with no errors.
References (5%)	References improperly cited.	Some errors in referencing.	Minor errors in referencing.	No errors in referencing.