**description of cOURSEWORK**

**OFFICE OF ACADEMIC AFFAIRS**

Reference No. : XMUM.OAA - 100/2/8-V2.0

Effective Date : 23 APRIL 2018



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| Course Code | G0302 |
| Course Name | Web Site Design |
| Lecturer | Junaid Akram |
| Academic Session | 2021/02 |
| Assessment Title | Final Project (40 Marks) |

1. **Introduction/ Situation/ Background Information**

The final project is to evaluate the ability of the students to design and implement a Web Site applying the knowledge and skills they have learned throughout the course about HTML and CSS.

1. **Course Learning Outcomes (CLO) covered**

At the end of this assessment, students are able to:

CLO 1 Be able to create and maintain a simple web site using the current standard web page language.

CLO 2 Know how to use the foundation web site design language.

CLO 3 Know how to use a web editor.

CLO 4 Know a second web-based language which will be included to further enhance the web sites.

1. **University Policy on Academic Misconduct**
2. Academic misconduct is a serious offense in Xiamen University Malaysia. It can be defined as any of the following:
3. **Plagiarism** is submitting or presenting someone else’s work, words, ideas, data or information as your own intentionally or unintentionally. This includes incorporating published and unpublished material, whether in manuscript, printed or electronic form into your work without acknowledging the source (the person and the work).
4. **Collusion** is two or more people collaborating on a piece of work (in part or whole) which is intended to be wholly individual and passed it off as own individual work.
5. **Cheating** is an act of dishonesty or fraud in order to gain an unfair advantage in an assessment. This includes using or attempting to use, or assisting another to use materials that are prohibited or inappropriate, commissioning work from a third party, falsifying data, or breaching any examination rules.
6. All the assessment submitted must be the outcome of the student. Any form of academic misconduct is a serious offense which will be penalized by being given a zero mark for the entire assessment in question or part of the assessment in question. If there is more than one guilty party as in the case of collusion, both you and your collusion partner(s) will be subjected to the same penalty.
7. **Instruction to Students**

The final project should be done individually. The deadline of this final project submission is on **WEEK 6 -** **31th of March 2021 (Wednesday).** You need to submit the Final Report and Web Site (all the HTML and CSS files in a single zip file) online through Moodle.

1. **Task(s)**

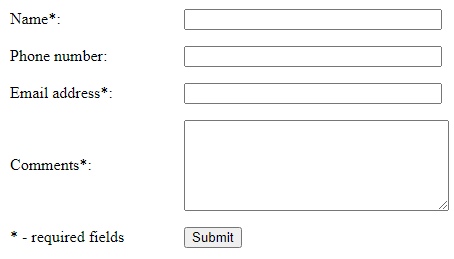
Design Your Personal Website

Main Instructions section:

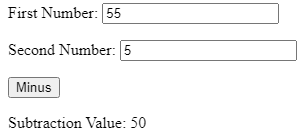
Make your website more attractive and more user friendly. The final project must include the following webpages and in addition you can add more pages or contents if you want.

**Marks Division:** **28** for point 1 to 6, and **12** for point 7

1. Home Page (Introduction about you and one of your picture)
2. About me Page (Should include your own and family information and pictures)
3. Resume (Use HTML Table to display your qualification data)
4. My Portfolio (Examples of Your Work (Screenshots))
5. Contact me Page (Sample Form)



1. Favourite Movies and Music (Include Thumbnail Pictures)
2. JavaScript Math Examples (A page displaying different Math functions performed by JavaScript, which must get values from user, and show errors if user does not enter any number). Try to use **JavaScript error handling** function of **Try and Catch**. JavaScript code can be easily find on the internet; you just have to use it wisely. **( 3 \* 4 = 12 Marks )**
   1. Display maximum number from 2 numbers
   2. Multiplication of 2 numbers
   3. Addition of 2 numbers
   4. Subtraction of 2 numbers (Example)



Note: Follow this format to get numbers from users

This assignment will require you to build a site to meet the following criteria:

* Your website **must have a purpose**. i.e. sharing your, family and friend’s photos.
* Your website should describe your personality.
* Use standard internet fonts and include alternate text for all images.
* Use **HTML**, **CSS**, and **JavaScript** to develop your website.
* Your website **must include a navigation bar.** Horizontal and vertical navigation bars are acceptable
* Your website **must include page titles.**
* Use **JavaScript** to check if the entered data is valid or not. i.e. Phone number should not be in Alphabets.
* **Contact me form must include, Name, Phone number, Email, Gender, Country (drop down list), Comments, and a Date button**(detect current date from your system and save into form box).
* **Put all files in one folder on your name and ID then .zip it and upload.**
* **Must attach a PDF file that include all the screenshots of your website pages.**
* Remember your total attachment size should not exceed than 20 MB, otherwise you would not be able to submit it
* Please make sure that webpages linked through navigation bar.
* Your webpage must be created in Notepad.
* The main attachments should be HTML pages, Notepad files, Pictures or CSS files.
* Use small size of all photos because folder upload limit is 20 MB.
* Try to use low graphic pictures, so that size should not exceed.

1. Complete a **web design** with …
   1. Web page layout
      1. Construct **wireframe** to layout the structure of every web pages in your web site.
      2. The wireframe should cover layout of the header, navigation, main and footer subsections in every web pages.
      3. Provide description of every sections/subsections of the content in the wireframe.
   2. Navigation of the web pages
      1. Provide a design of the **navigation** for your web site.
   3. Color scheme
      1. Design a **color scheme** for your web site, should cover all colors for the html elements (background and foreground colors for the body, headings, navigation, division, header, footer, etc.) in your web pages.
   4. Text properties
      1. Design the **text properties** (such as font size, colors, font-family, alignment, etc.) for all the text appear in the web pages, including all the heading, paragraph, link, images, etc.
      2. Take into account the contrast ratio of all the texts.
   5. Web Pages
      1. The web site for this final project should consisted of minimum **7 web pages**, as described in the main instructions section.

1. Based on your web design as describes in task above, implement the web site using:
   1. HTML elements – use HTML elements that can best present the content of your web pages.
   2. CSS rules – use external CSS file to control and manage the style of your web pages.
   3. Graphics – use sufficient amount of images in your web pages so that your web site is interesting and effective.
2. For the deliverables of this Final Project, you need to prepare and submit:
   1. Project Report
      1. All of the screen shots of the web pages you have implemented alongside with the wireframe design.
   2. Web Site Implementation
      1. A web site which can be loaded using browser such as: Chrome, Opera, Firefox, Safari, etc.
      2. All HTML elements and CSS configurations must be properly display in the browser.
      3. All navigation links must be workable without any errors.
   3. Submission to Moodle:
      1. After completion of this assignment take screenshots of your designed web pages and paste in MS word file including the Appendix form attached at the end of this assignment. Then save this word files as a pdf file and name it on you Student ID + Name.
      2. Upload 2 files on Moodle, (Upload Limit: 20 MB)
      3. PDF file of screenshots along with Appendix (Marking Rubrics).
      4. The Zip file of all the source code files of your developed website, including html files, css files, images, txt files, etc. The Zip file name should also be on your Name + Student ID.

**Marking Rubrics**

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| --- | --- | --- | --- | --- |
| **Category 1: Point 1 - 6 : 28 Marks** | | | | |
| Criteria | Description and Score | | | |
| Good  (6-7) | Need Improvements  (3-5) | Poor  (0-2) | Marks  28 |
| Layout and Design | Layout is organized; size and quality of images is appropriate; great contrast between background color and text; format of each page somewhat fits monitor | Layout is somewhat organized; too many different font sizes; images are too big/small; background color and text somewhat contrast; | Layout and design is unorganized; background color is too dark/light; fonts either too big/small; |  |
| Contents of Webpages | Information is mostly correct; hyperlinks to a menu and additional pages; quality contents are added | Information is somewhat vague; one or two pages; links are missing; text somewhat organized; a bit quality contents | Information is ambiguous; only one page; No links; text is unorganized; some required contents are missing; no quality contents |  |
| Structure/ Navigation/Format | All pages are linked properly; content is presented in a clear manner that is easy to follow; readers can get around your website with ease; there are no blind links; good structure | One or two pages not linked; pages link back to homepage; content is somewhat confusing and difficult to follow; site is difficult to navigate. | Pages are not linked; content is confusing and difficult to follow; site is difficult to navigate; not intuitive; large images that takes long to load. |  |
| Work Ethic | You worked on your project attentively; followed all instructions made by teacher; improvements are made ; Input validation is performed | You worked on your project but were off task and needed to be redirected by the teacher; few improvements; validation error exists | You did not seriously work on your project, you frequently were off task, and did not refocus on the project requirement |  |
| **Category 2: Point 7 : 12 Marks** | | | | |
| JavaScript Math | Good  (9-12) | Need Improvements  (4-8) | Poor  (0-3) | Marks  12 |
|  | Input validation is performed; JavaScript error handling implemented; Try and Catch implemented; Output is working properly | Input validation not working properly; error handling problem; Try and Catch is not implemented properly; Output is working properly | Input validation is not performed; JavaScript error handling is not implemented; Try and Catch missing; Output is not working |  |
| **Total (40)** | | | |  |

Note to students: Please attach this appendix together with the submission of coursework