| Module name and code | **Web Technologies 4BUIS011C** |
|---|---|
| CW weighting | 50% |
| Lecturer setting the task with contact details and office hours | Said Abduvaliev sabduvaliev@wiut.uz, Mondays 16:00-17:00 |
| Submission deadline | |
| Results date and type of feedback | |
| **The CW checks the following learning outcomes:** | |

1. Develop a front-end of the website satisfying a simple specification.
2. Create several linked HTML documents, following certain style guidelines.
3. Incorporate JavaScript to create interactive and dynamic documents.
4. Select and use website construction and development process management tools.

# Task

This is individual coursework. You need to create a website for a local company/brand. You will submit a zipped archive of all the HTML, CSS, JS and media files required for the website you will develop. All works must be submitted through WIUT Intranet's online assessment submission functionality.

# Task description

**Weighting: 100% of the overall mark**

You are required to build at least 6-page website for a location company or brand. You must develop/write HTML, CSS and JS code from scratch. Do not use any templates or code snippets from the internet. It will be considered plagiarism and you will get 0 marks.

You will deploy your website to a hosting server. There are many free web hosting services available.

## Description

1. Develop a website with at least 6 responsive pages having different HTML page structures. Check links (https://tinyurl.com/lbfh5dt, https://tinyurl.com/ugolxkf) for further information about HTML page structure. Pages that have the same HTML structure and only change in content will be considered as one page. For example, if pages "About us", "Our portfolio", "Our staff", etc. have the same HTML and only pages' titles and contents have changed, all these pages would be considered as one page. Do not use HTML, CSS and JavaScript frameworks to build your website. **(65 marks)**

   The front-end should include these elements and functionality:
   a. Semantic and responsive website, relevant content, properly formatted text, media elements, table, forms, links to external resources, visual effect on CSS. Design must be consistent all over the pages.
   b. validate HTML and CSS with https://validator.w3.org & https://jigsaw.w3.org/css-validator. Depending on the amount and severity of errors up to **15 marks will be deducted**.
   c. JavaScript functions for dynamically generating elements (tables, lists, etc.) with data, for form validation, for overall interactivity. All variables and functions should have meaningful names and follow the JavaScript coding convention (https://tinyurl.com/ybed52ht, https://tinyurl.com/l7way7y). If comments are missing, 3 marks will be deducted.

2. Publish your website online using free web hosting services and clearly indicate the URL of your website in the Readme file. You can use free online hosting platforms (i.e. tiiny.host, Netlify, Github pages, etc.) for deploying your website. **(10 marks)**

3. Add Readme file with markdown (*.md) extension to your project. Readme file should include brief information about your project and the link to the hosted website. Brief information must contain at most 300 words and clearly describe the purpose of the projects. **(10 marks)**

Your homepage must include the text "This website was created to fulfill Web Technology module's requirements and does not represent an actual company or service".

You cannot use CSS (i.e. Bootstrap, Bulma, etc.) or JS (i.e. JQuery) libraries to style and make your pages dynamic. If templates or external libraries are used, **30% of the overall mark will be deducted**.

## Deliverables

1. A zip archive with HTML, CSS, JavaScript and media files (images, icons, etc.).
2. URL to a hosted website.

## Submission

Please name your file in the following format: **WT_CW1_STUDENTID.zip.** For example: `WT_CW1_1234.zip`

An electronic version of your coursework must be submitted through the university Intranet system.

To do so you need to follow these steps:

- Archive (zip format) your website files and name your file correctly.
- Submit your file to "Coursework 1" assessment on WIUT Intranet.

The size of the archive must not exceed 15Mb. If you have media files (video, images, etc.) optimize or host them on available free platforms (i.e. YouTube) and include only reference to the resources.

## General notes:

Please ensure that you work individually on this coursework. Plagiarism and close collaboration will not be tolerated, and it will be considered an assessment offense. According to the Essential Information Handbook of Academic Regulations, any student may be invited for the oral viva (Please, see the regulations for full details).

## Marking schema

| | |
|---|---|
| Pages are responsive (mobile, desktop, tablets). All the elements must be responsive (navigation, images, text sizes, etc.). | **20** |
| Semantic design (proper indentation, semantic tags, relative sizes of the elements, overall design consistency, etc.) | **15** |
| HTML tag variety. Properly styled form, table, figure/figcaption are used with relevant data and functionality. | **15** |
| Relevant content for chosen topic (text, images). | **5** |
| Number of pages (~ 5 pages with different layouts). | **15** |
| Javascript is used for (1) validation of the form, (2) interactive elements, (3) for generating DOM elements. | **15** |
| Hosting the website | **10** |
| Readme file is added and appropriate information is included | **5** |

# Assessment criteria

| Range | Description |
|---|---|
| 70+ | A lot of work has gone into the development of the web site, proper use of web technologies (following the widely/suggested coding standards, clean code, accessible structure, etc.). Use of extra functions and features. Shows very advanced use of web technologies with interactions between them. Description of the work is clearly indicates the purpose of the project. |
| 60-69 | Quite a lot of work on the development of the site. Good use of extra features and functionalities. Shows an advanced understanding of web programming languages. Everything is correct but the description of the work done on the project is not very clear. |
| 50-59 | A fair amount of work has gone into the development of the website. An attempt has been made to add extra features and functionalities to the website. Shows an intermediate understanding of web programming languages. |
| 40-49 | Adequate clarity and focus on requirements and objectives. Enough work has gone into the development of the site. The moderate use of web technologies. Shows an understanding of web programming languages. |
| 30-39 | An attempt has been made at a clear navigation structure but is sometimes misleading. Some work has gone into the development of the site. A mediocre attempt to use all web technologies. |
| 0-29 | Html markup is semantic and relevant content is added. Various html elements are used including but not limited to for media, text, forms, links and tables. Basic CSS is used for styling. JavaScript is missing or not commented or the website is not published. |