WESTMINSTER
INTERNATIONAL UNIVERSITY IN TASHKENT
An Accredited Institution of the University of Westminster (UK)

Module name and code	Web Technologies 4BUIS011C
Coursework weighting	50%
Lecturer setting the task	Bunyod Khoshimkhujaev bkhoshimkhujaev@wiut.uz
Submission deadline	9 December 2021 / 23:59:59
Results date and type of feedback	3 weeks after submission deadline (oral feedback)
The coursework checks the following learning outcomes	
1. Develop a front-end of the website satisfying a simple specifications 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 the front-end (presentation layer) of the website chosen from the list below. You can choose a company/organization/direction for which you will create a front-end of the website from the following list:

- Apparel e-commerce
- Online courses
- Pet pharmacy
- IT Freelance
- Payment system (i.e. Payme or Click)
- Online accommodation booking (i.e. Booking.com, Airbnb)
- Healthcare (i.e. hospital website)
- Fitness training
- Real estate
- Personal website (i.e. developer's portfolio)
- Digital technologies (i.e. AI, blockchain, security)
- Travel blog

A detailed description of the task

Develop front-end (presentation layer) of the web site - 100 marks

1. The front-end should have at least 6 responsive pages with different HTML page structures. Check links (https://tinyurl.com/lbfh5dt, https://tinyurl.com/ugolxkf) for further information about HTML page structure.
2. The front-end should include these elements and functionality:
    - 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. **(55 marks)**
        - 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.
    - 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. **(15 marks)**
3. Host your code (html, js, css, etc.) online (github is preferred) and make the related actions transparent. Your commits and pushes must show the development history. **(10 marks)**
4. Publish your website online using free (or other) web hosting services and clearly indicate the URL of your website in the Readme file. **(10 marks)**
    - you can use free online hosting platforms (i.e. Netlify, Github pages) for deploying your website.

5. 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 (if hosted). Brief information must contain at most 300 words and clearly describe the purpose of the projects. Also include the information on the allowed external libraries (i.e. for normalization)**(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 can not 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.

Submission requirements

An electronic version of your coursework must be submitted through the university Intranet system. To do so you need to follow these steps:

- Archive (use .zip format) your website files and name it xxxxx.zip, where xxxxx is your ID number
- Go to the Web Technology module's coursework submission page.
- Attach appropriate files and submit.

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 very 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).

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.

Marking scheme

Front-end	**100**
Pages are responsive (mobile, desktop, tablets). All the elements must be responsive (navigation, images, text size, etc.)	15
Semantic design (proper indentation, semantic tags, relative sizes of the elements, overall design consistency, etc.)	20
Properly styled form, table, figure/figcaption are used with relevant data and functionality	15
Relevant content for the chosen topic (text, images)	5

Javascript is used for (1) validation of the form, (2) interactive elements, (3) for generating DOM elements.	15 (5 for each task)
Hosting the code (github) online. Actions (i.e. commits) must be transparent/public for evaluation.	10
Hosting the website	10
Readme.md file is added and appropriate information is included	10
Overall	**100**