

Module name and code	Web Technologies 4BUIS011C
Coursework weighting	50%
Lecturer setting the task	Bunyod Khoshimkhujayev bkhoshimkhujayev@wiut.uz
Submission deadline	9 December 2020 / 23:59
Results date and type of feedback	3 weeks after submission deadline (oral feedback)
The coursework checks the following learning outcomes	
<ol style="list-style-type: none"> 1. Develop a front-end (presentation layer) of the website satisfying a simple specifications 2. Discuss the planning and development process 3. Create several linked HTML documents, following certain style guidelines. 4. Incorporate JavaScript to create interactive and dynamic documents 5. Select and use website construction tools. 	

Task

This is individual coursework. You need to create the front-end (presentation layer) of the website chosen from the list below and write a brief report that covers the development process.

You can choose a company/organization/direction for which you will create a front-end of the website from the following list:

- Movie hosting i.e. Netflix, Kinopoisk HD (you can choose video by category and watch, etc.)
- Company's official website (you can read news, projects, and submit your messages, etc.)
- Events web application (you can create, update or delete an event, add participants, etc.)
- Software developer's personal page (portfolio, cv, contact details, projects, etc.)
- Public services website i.e. my.gov.uz (list of public services, Q&A pages, etc.)
- University intranet i.e. WIUT Intranet (list of services, list of modules, etc.)
- Online apparel shop (catalog of apparel, cart, checkout, etc.)

A detailed description of the task

1. Write a brief report - 15 marks

Your report must consist of the following parts:

- Audience profile.
- Functions and features

The description of the report is given below and you should follow its structure exactly as it is given

- audience profile - an explanation of your main target audience **(5 marks)**
- functions and features – a detailed description of the functionality you have developed for your project. Do not include your future plans related to your project **(10 marks)**

The recommended length of the report is 1000 words.

This is your responsibility to put the report of coursework through the Turn-it-in anti-plagiarism software before submission.

Report format

1. Word-processed Calibri 11 double-spaced and printed single-sided on A4 paper.
2. The cover sheet should state your ID number, module title, and marker's name
3. The maximum number of words should not exceed the set limit.
4. Include a contents page giving the headings and page numbers of each section.
5. Pages should be numbered.
6. Word-count must be included on the cover page (do not include attachments and bibliography in the word count).
7. Please do not submit any loose pages.
8. Use the Harvard method of referencing

2. Develop front-end (presentation layer) of the web site - 85 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, link to your coursework report in .pdf format, visual effect on CSS. Design must be consistent all over the pages. **(50 marks)**
 - 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) online (github is preferred) and make the related actions transparent. Your commits and pushes must show the development history. Commits must be properly formatted. Single commit/push won't be evaluated. **(10 marks)**
4. Publish your website online using free (or other) web hosting services and clearly indicate the URL of your website in the report. **(10 marks)**

Important! Make sure you reference all borrowed content. In addition, 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, **20%** of the overall mark will be deducted.

Check that the coursework has a standard cover page, table of contents, page numbers, and bibliography. Your name should not appear on the cover page or anywhere else. Put your ID number on the cover page and on every other page.

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 files (report file and 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+	Everything is correct and clearly explained. 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 programming languages with interactions between them.
60-69	Everything is correct but the description of the work done on the project is not very clear. 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.
50-59	Reports cover the brief description of major points. 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	Required sections are minimally covered. Overall lack of analysis and justification appeared through the report. 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	Poor report. Only some minimal discussion was provided. 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	The poor or missing report almost nothing discussed. JavaScript is missing or not commented or the website is not published.

Marking scheme

Report	15
Audience profile	5
Functions and features	10
Front-end	85
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	10
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 (commits, pushes, etc.) must be transparent/public for evaluation.	10
Hosting the website	10
Overall	100