

# WESTMINSTER INTERNATIONAL UNIVERSITY IN TASHKENT

## COURSEWORK SUBMISSION FORM

STUDENT USE		STAFF USE	
Module Name	Web Technology	First Marker's (acts as signature)	
Module Code	4BUIS011C-n	Second Marker's (acts as signature)	
Lecturer Name	Bunyod Khoshimkhujaev	Agreed Mark	
UoW Student IDs		<b>For Registrar's office use only (hard copy submission)</b>	
WIUT Student IDs	00010132		
Deadline Date	09/12/2020 23:59		
Assignment Type	Group <input checked="" type="checkbox"/> Individual		
Word Count	981		

### SUBMISSION INSTRUCTIONS

**COURSEWORKS *must* be submitted in *both* HARD COPY (to the Registrar's Office) *and* ELECTRONIC unless instructed otherwise.**

For hardcopy submission instructions refer to:

<http://intranet.wiut.uz/Shared%20Documents/Forms/AllItems.aspx> - Coursework hard copy submission instructions.doc

For online submission instructions refer to:

<http://intranet.wiut.uz/Shared%20Documents/Forms/AllItems.aspx> - Coursework online submission instructions.doc

### MARKERS FEEDBACK (Continued on the next page)

Link to the website: <https://wiut-intranet-for-web-technology.netlify.app>

### Overview

This project is a modern instance of a university which mainly targets on students and tutors to be its users. The interface which is presented on website is a platform for a student to perform basic LMS operations.

-  wiut-intranet
  -  css ----- *stylesheets' directory*
    - **main.css** ----- *main stylesheet*
    - **responsive.css** ----- *stylesheet to support responsiveness*
  -  images ----- *images directory*
    - header-image.png ----- *picture on the welcome page*
    - logo.png ----- *logo on navigation bar*
    - logo1.png ----- *white logo*
  -  js ----- *scripts' directory*
    - form-validation.js ----- *Script to validate form*
    - generate-event.js ----- *Script to dynamically generate event list*
    - generate-modules.js ----- *Script to dynamically generate list of modules*
    - generate-students.js ----- *Script to dynamically generate students table*
    - main.js ----- *basic script for general settings*
  - events.html ----- *page listing events*
  - favicon.ico ----- *icon on the browser tab*
  - feedback.html ----- *page with form to leave feedback*
  - group.html ----- *page to view group and its members*
  - index.html ----- *main welcome page*

# WESTMINSTER INTERNATIONAL UNIVERSITY IN TASHKENT

- [modules.html](#) ----- *page to view modules*
- [README.md](#) ----- *Welcome Message in GitHub*
- [timetable.html](#) ----- *page to view timetable*

■ - means directory

## Layout & Structure

The website consists of 6 responsive pages which are interconnected with each other via navigation bar on the top of each page. The pages are named correspondingly with their content.

## Functions and features

### Pages

Pages are constructed according to the semantic markup design of the HTML and styled with CSS stylesheets. Each HTML page is linked to the main.css, responsive.css files, which contain basic style settings and support the responsiveness of the page. In addition, they are all linked to the font “Montserrat” connected via CDN from the fonts.google.com (three font-weights (normal, middle, bold) are included) and linked to the Font Awesome CDN in order to support icons.

All pages are responsive, and can adapt to different screen sizes, including mobile, tablet and desktop screen sizes. This feature of the website can be noticed, firstly, from the navigation bar on the top.

### Stylesheets

Style of the pages are written, firstly, in Sass (scss) preprocessor in order to show maximum ideal performance of the website, and then, compiled to a .css file. As far as the Sass is only preprocessor, not ready library or template, I preferred to use it. Moreover, professionals in Front-End development highly recommend to use stylesheet preprocessors in order to maintain and keep the file compact.

### Navigation Bar

Navigation bar consists of logo of the university on the left, links to pages in the middle and student ID on the right. Navigation bar appears in all pages, and the active page link will be highlighted in each page. This functionality is made

# WESTMINSTER INTERNATIONAL UNIVERSITY IN TASHKENT

by creating “active” class on “.css” file. The click on logo on Navigation bar causes redirection to the main page. Finally, by clicking on the student ID, the user can download the report of the student (in this case this Report). Moreover, navigation bar behaves responsively in different screen sizes: new button appears on mobile size, which expands the panel to see links.

## Pages

### Welcome page

The main page’s content is a basic welcome page of the website. This page consists of two sections: header and block-links. First, header has a descriptive text and title with bigger and emphasized font style with a link inside. The link takes the user to the WIUT website in a separate browser tab, and the link can be spotted at first sight. On the left side of the header, the user can see the image of the student. Second, blocks section of the page consists of 4 different blocks, which serves as the secondary navigation only in main page. Each link is designed as a block containing the icon corresponding to the link type, title with a link to page and the description. Furthermore, these blocks behave responsively in different screen sizes: in desktop and tablet sizes there are two blocks per row, while on mobile size – one block per row. Finally, as it was mentioned in CW description, there is a moving message to the user, informing that this website is not an original service or company.

### Modules page

“Modules” page illustrates the list of modules. Each module is designed as a separate card containing important details about module. Basically, this list is dynamically generated by special JavaScript function, which creates dynamic DOM elements, takes data from an array and puts them accordingly in places. Moreover, the module card has visual effect indicating the activeness of the object.

### Timetable page

“Timetable” page represents a table with assigned days of week to the classes. Each class appears in a separate cell, if the class lasts more than 1 hour the hours are merged. All classes are highlighted, and have effect while moving mouse over it.

# WESTMINSTER INTERNATIONAL UNIVERSITY IN TASHKENT

## Events page

Events page indicates past events in university. Design of each event alters on condition of being odd or even, which is performed by JavaScript function. As in other pages, the objects are generated dynamically.

## Group page

Group page shows the table of group members. The instance of CIFS group was taken in order to avoid occurrence of my name. The students are also generated automatically, and have hover effect.

## Feedback page

Feedback page illustrates a form, by which the user can leave his/her feedback. Feedback page is one of the special pages in this website. Here, special effects are applied when the user focuses, types and leaves empty the specific field. Messages are outputted if something goes wrong. Even if, the user submits the form with errors, he/she will be notified about error.

## Hosting code

All history of code and development is recorded on GitHub, and all commits and pushes are transparent to see. The repository link: [https://github.com/00010132/intranet\\_wiut](https://github.com/00010132/intranet_wiut)

## Hosting a website

The website is hosted on a free hosting service [netlify.com](https://netlify.com). The website on hosting is directly linked to GitHub repository, which will automatically deploy and update the website on every push. Currently, the website is located in the domain : <https://wiut-intranet-for-web-technology.netlify.app>

## References

Font Awesome 5 (2017). *Font Awesome 5*. [online] Fontawesome.com. Available at: <https://fontawesome.com/>.

Google Fonts. (2019). *Google Fonts*. [online] Available at: <https://fonts.google.com/>.

WIUT. (n.d.). *Home*. [online] Available at: <http://wiut.uz/>. – for logo and student image on home page.