

CCSW321 – WEB DEVELOPMENT

----- [CLO 2.1] -----

PROJECT #1: First Website

Total Marks: 5 Marks

Submission Deadline: Week 8

Objectives

The purpose of this project is to demonstrate your understanding of HTML5, CSS3, accessibility and good page design by creating a collection of well-structured and Styled Web documents.

Notes on the Website

- You may develop and use a professional structure of the web site with images, colors and many more options. This will require an exhaustive study of the requirements and purpose of the web site that you want develop.
- CSS may be further enhanced and you can also use several drop down menus.

Bonus:

You must add at least one innovative feature to your system that was not specifically required.

Hint

- This project is to be completed by individual student. No collaboration between students is allowed.
- All HTML5 code must be generated using a text editor (no machine generated pages will be accepted!). Use indentation of the HTML5 source code to clearly identify the structure of the code.
- Documents that have been exported from any other editor will not be accepted. The code for this project may not contain java applets, plugins and JavaScript.

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Project Assessment

In this project, you must to propose and develop a website that describes your own special talents and interests (the textual content is yours to decide).

Overall Requirements

The project needs to be of sufficient scope. A number of the requirements might involve features and techniques that have been presented and discussed in the course.

Your website must have the following webpages:

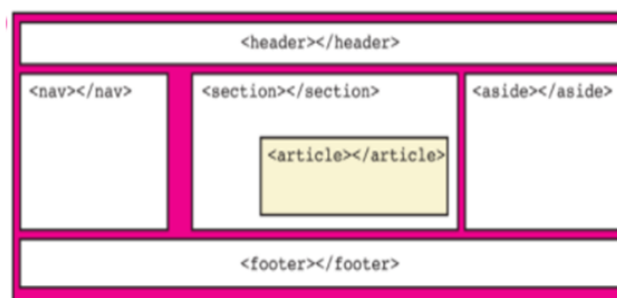
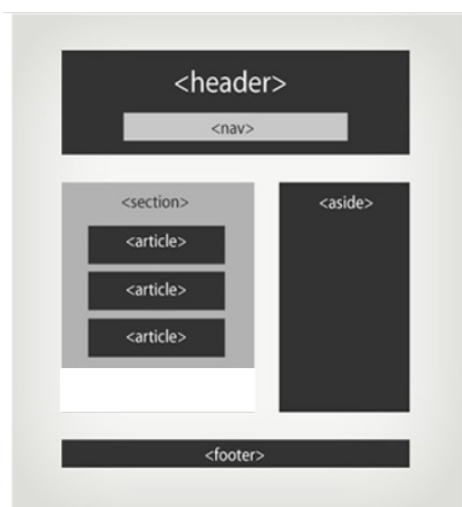
- A welcome page: **index.html**
- About Us page: **aboutus.html**
- Contact Us page: **contactus.html**
- Page 4 (is for the student to decide): **page4.html**

Create an external stylesheet (**cssweb.css**) that specifies a uniform look for your website. You must also define *Inline Styles* or/and *Embedded Style Sheets* that specifies the visual properties of each web page.

Link all the pages to the **cssweb.css** file

Page 1: A welcome page.

This page should make clear what the site's purpose is and provide appropriate links to the main pages of your site. You can structure the welcome page according one of the following structures.



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This page should contain the following elements:

- `<header>` element: should contain the logo and a representative text of your web site.
- `<nav>` element: refers to all navigation links that lead to the different options of your website
- `<main>` element includes the different sections and articles in the content.
- First `<section>` element: includes two articles.
 - `<article>` element: contain an own unit of information and content
 - `<article>` element: contain some hyperlinks, Unordered, ordered-list,...
- Second `<section>` element: includes one article:
 - `<article>` element: contain a `<figure>` and `<figcaption>` elements
- `<aside>` element represent the important News or Events. These must be represented as a summary element displays a right-pointing arrow next to a summary or caption when the document is rendered in a browser
- `<footer>` element: serves to locate the contact data, some extra information, social icons, twitter updates

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The following figure show an example of web page components.

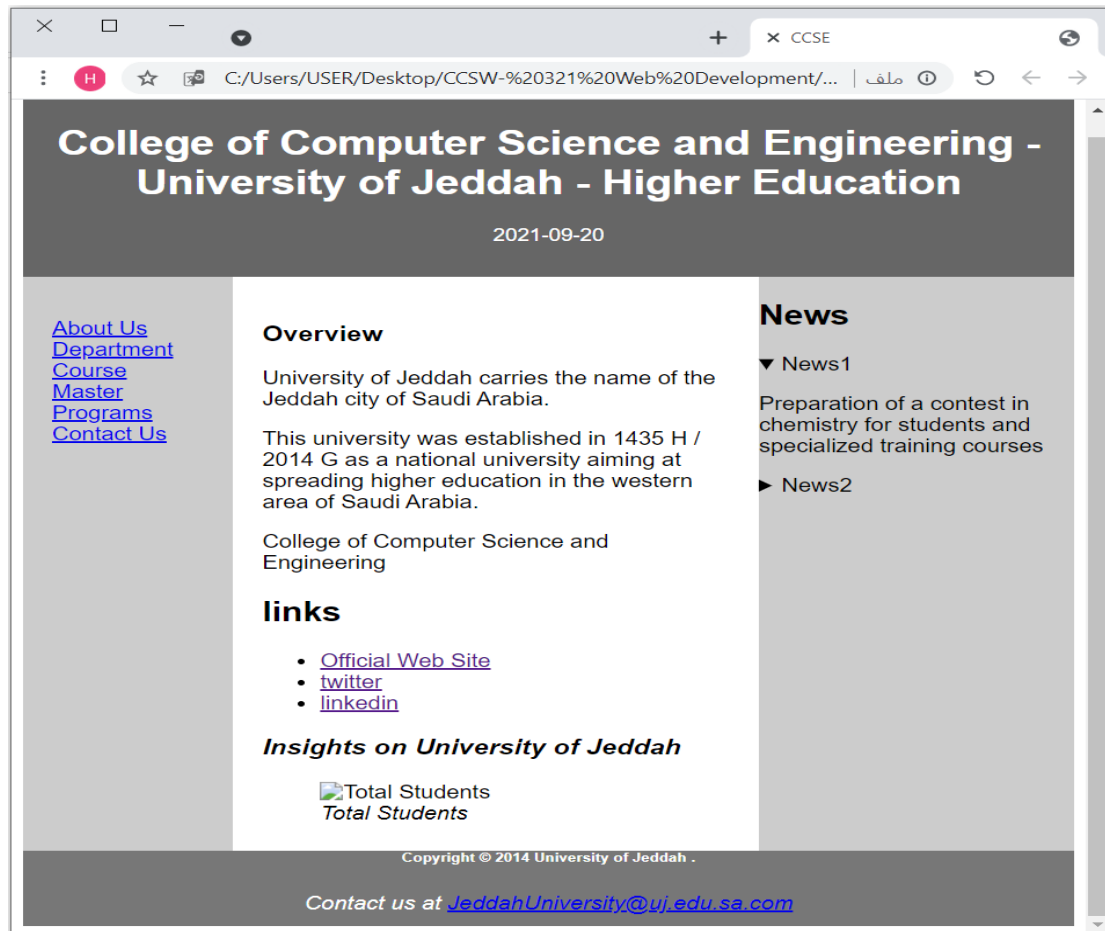


Figure1. A welcome page of website.

Page 2: About-Us

About-us page informing the world of who the developers are. The web browser display this page on pressing About Us option on Figure 1. This page should contain your **Details** presented as a table.

Student Details:

Use a table to design your personal grade sheet. As a minimum, you must include Course Number, Course Title, Number of Credit Hours, and Grade earned in your table.

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Your table has to make use of the following <table> attributes:

- caption
- summary
- tbody, thead & tfoot
- align
- border
- cellpadding & cellspacing
- width
- colgroup
- ...

Page 3: Contact Us page

Contact Us page represent a Form which describes the set of data to enter. The web browser display this page on pressing Contact Us option on Figure 1.

Your Form must have the **at minimum** the following types:

- Enter the First and Last Name
- Precise the Gender
- Choose the Date of Birth
- Enter your Email Address
- Choose Nationality
- Enter some message
- Enter your Telephone
- Precise the Language (Arabic, English, French, ...)
- ...

The *input type* of the Form must be *self-checked* and *self-validated* to ensure that the *data is correct*.

Page 4: page4.html

The student is free to design this page. This page represent one of the options specified in the welcome page (figure 1). This page must contain as an example: *figure Element, meter Element, ...*

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Assessment:

Grades will be determined according to the following:

- Satisfying project requirements.
- Proper indentation with comments.
- Page structure elements
- Tables using: caption, summary, tbody, thead, tfoot, align, border, cellpadding, cellspacing, width, colgroup.
- Form input type: text, search, time, date and month, email, telephone, ...
- Style like: Paragraph with alignments, headings, lists, font size and color, Background, Borders, Animation
- Advanced Options