Assignment 02

Program Name	BSCS
Course Code	CSSE3143
Course Name	Web Application Development
Course Instructor	Muhammad Ali Makhdoom
Time Allowed	<u>**Until 19th Nov, 2018**</u>
Assessment	HTML, CSS, Bootstrap
Special Instructions	1. Submit the softcopy of your solution on or before the due date on GitHub. Late submission will result in some penalty. 2. Always keep a backup of your solution till it is graded.
Conditions	This is a group assignment but collaboration of each member is compulsory.
Total marks available	100
Academic Honesty Policy	Academic dishonesty will not be tolerated. Academic dishonesty includes cheating, plagiarism (copying) or any other attempt to gain an academic advantage in a dishonest or unfair manner.

Working with HTML Basics, HTML Forms, CSS and Bootstrap to create a Website

Use the **videos**, **e-books** and the **Internet** to help you to create **ONE** very interesting and creative Website of the topic you choose in your project proposal.

To pass, you **must** include:

1. Create minimum Six (6) Web pages: index, about, contact, login, register, and forget-password. Open and close all tags appropriately using the correct tags. ALL pages must be linked to each other. **[10]**
   - Remember that the homepage must contain an explanation of your Website. So to improve the performance of your homepage, check out this link detailing 12 critical elements every homepage must have. **[15]**
   - The about page needs to answer questions like *Who we are? Why are we doing this? What makes us different?* Also, show your team and add pictures and social media links (Facebook, LinkedIn etc...) with it using icons. **[10]**
   - The contact page should contain an address (email, phone number), a contact form (including fields name, email, phone, message), and a google map (pointing out your location). **[10]**
   - Register page (first name, last name, gender, date of birth, email, password, confirm password) **[10]**
   - Login (email, password) **[5]**
   - Forget-password (email, password, confirm password) **[5]**
2. Enter **charset, keywords**, **site description, author, viewport** in Meta tags **[10]**
3. HTML5 for **audio** and **video** media (Minimum 1) **[5]**

   (Bonus: Make your own video about your website, upload on YouTube and embed on your website) **[5]**
4. HTML5 for a **header, navigation bar** and a **footer** layout **[10]**

5. Make the **responsive layout** and **mobile-first design** **[10]**

Group lead should add his/her all team members in *collaborators list* on Github so all members can participate their assigned task and after completion must submit one **folder** in forked repository on Github containing all your HTML pages, one **css** sub-folder containing external styles sheets and one **media** sub-folder containing any pictures or videos you may want to include. This folder should be labeled with your **Project Title Abbreviation**. I will evaluate all group members only on group lead's repository on GitHub.

*Note that I will **interview** all group members to be sure each member did and contributed the work to create Website. All questions will be practical and related to your project.*

End of Assignment

Marking Scheme

91-100 marks	Evidence of numbers 1 to 5 above to create an <u>excellent</u> Website(Refer to the criteria below), and I believe you did the work
81-90 marks	Evidence of numbers 1 to 5 above to create a <u>very good</u> Website(Refer to the criteria below), and I believe you did the work
71-80 marks	Evidence of numbers 1 to 5 above to create a <u>fairly good</u> Website(Refer to the criteria below), and I believe you did the work
61-70 marks	Evidence of numbers 1 to 5 above to create a <u>bad </u>Website(Refer to the criteria below), and I believe you did the work
51-60 marks	Missing <u>one</u> of the numbers 1 to 5 above to create a Website(Refer to the criteria below), or I believe you did NOT do the work
41-50 marks	Missing <u>two</u> of the numbers 1 to 5 above to create a Website(Refer to the criteria below), or I believe you did NOT do the work
40 or fewer marks	Missing <u>three</u> of the numbers 1 to 5 above to create a Website(Refer to the criteria below), or I believe you did NOT do the work

GUIDELINES				
	EXCELLENT	**VERY GOOD**	**FAIRLY GOOD**	**BAD**
BACKGROUND	The background does not interrupt the text at all.	The background does not interrupt the text much.	Color combinations of text and background that make the text hard to read.	Color combinations of text and background that make the text hard to read. Busy, distracting backgrounds that make the text hard to read.
TEXT	The text is big enough to read, but not too big. The hierarchy of information is perfectly clear. Columns of text are narrower than in a book to make reading easier on the screen.	The text is big enough to read, but not too big. The hierarchy of information is mostly clear.	Text that is too small to read. Text crowding against the left edge. Text that stretches all the way across the page.	Text that is too small to read. Text crowding against the left edge. Text that stretches all the way across the page. Paragraphs in all caps, or in bold, or in italic. Paragraphs in all caps, bold, and italic all at once. Underlined text that is not a link.

NAVIGATION	Navigation buttons and bars are very easy to understand and use. Navigation is fully consistent throughout the web site. Navigation buttons and bars provide the visitor with a clue as to where they are, what page of the site they are currently on. Frames, if used, are not obtrusive.	Navigation buttons and bars are easy to understand and use. Navigation is mostly consistent throughout the web site.	Navigation buttons and bars are not too easy to understand and use. Navigation is not so consistent throughout the web site. Useless page titles that don't explain what the page is about.	Unclear navigation, or over complex navigation. Useless page titles that don't explain what the page is about. Complicated frames, too many frames, unnecessary scroll bars in frames. Orphan pages (no links back to where they came from, no identification).

LINKS	Link colors fully coordinate with page colors. Links are underlined so they are instantly clear to the visitor. No default blue links. No blue link borders around graphics.	Link colors mostly coordinate with page colors. Links are underlined so they are instantly clear to the visitor. No default blue links. Blue link borders around graphics.	Some link colors coordinate with page colors. Links are underlined so they are instantly clear to the visitor. Default blue links. Blue link borders around graphics.	Default blue links. Blue link borders around graphics. Links that are not clear about where they will take you. Links in body copy that distract readers and lead them off to remote, useless pages. Text links that are not underlined so you don't know they are links. Dead links (links that don't work anymore).

GRAPHICS	Buttons are not big and heavy.	Buttons are a bit big and heavy.	Buttons are too big and heavy.	Buttons are too big and heavy.
	Meaningful and useful graphics.	Meaningful graphics.	Meaningless or useless graphics.	Meaningless or useless graphics.
	Every graphic has an alt label.	Every graphic has an alt label.	Graphics with no alt labels.	Graphics with no alt labels.
	Every graphic link has a matching text link.	Graphics and backgrounds use browser-safe colors.	Graphics and backgrounds do not use browser-safe colors.	Graphics and backgrounds do not use browser-safe colors.
	Graphics and backgrounds use browser-safe colors.	Animated graphics turn off by themselves.	Animated graphics do not turn off by themselves.	Animated graphics do not turn off by themselves.
	Animated graphics turn off by themselves.			Large graphic files that take forever to load.
				Thumbnail images that are nearly as large as the full-sized images they link to.
				Missing graphics, especially missing graphics with no alt labels.
				Graphics that don't fit on the screen

				(assuming a screen of 800 x 600 pixels).
TABLES	Borders turned off in all tables. Tables not used as design elements.	Borders turned off in some tables. Tables not used as design elements.	Borders turned on in most tables. Tables used as design elements.	Borders turned on in all tables. Tables used as design elements, especially with extra-large borders.
CSS	Only CSS is used to format pages for text, color, and so on. Only CSS is used to position HTML elements, like div, headers, paragraphs, and so on. All relevant CSS is included in a separate CSS file.	Mostly CSS is used to format pages for text, color, and so on. Mostly CSS is used to position HTML elements, like div, headers, paragraphs, and so on. Most CSS is in a separate file, but some is included in HTML files.	Some CSS is used to format pages for text, color, and so on. Some CSS is used to position HTML elements, like div, headers, paragraphs, and so on. Some CSS is in a separate file, but some is included in HTML files.	No CSS is used to format pages for text, color, and so on. No CSS is used to position HTML elements, like div, headers, paragraphs, and so on. No CSS is in a separate file, or included in HTML files.

GENERAL DESIGN	Pages download quickly.	Pages download mostly quickly.	Pages download fairly quickly.	Pages do not download quickly.
	First page, the home page, fits into 800 x 600 pixel space.	First page, the home page, fits into 800 x 600 pixel space.	First page, the home page, does not fit within standard browser window (800 x 600 pixels).	First page, the home page, does not fit within standard browser window (800 x 600 pixels).
	All of the other pages have the immediate visual impact within 800 x 600 pixels.	Most of the other pages have the immediate visual impact within 800 x 600 pixels.	Some of the other pages have the immediate visual impact within 800 x 600 pixels.	None of the other pages have the immediate visual impact within 800 x 600 pixels.
	Excellent use of graphic elements to break up large areas of text.	Very good use of graphic to break up large areas of text.	Good use of graphic elements (photos, subheads, pull quotes) to break up large areas of text.	Bad use of graphic elements (photos, subheads, pull quotes) to break up large areas of text.
	Every web page in the site looks like it belongs to the same site.	Most web pages in the site looks like it belongs to the same site.	Some web pages in the site looks like it belongs to the same site.	Almost no web page in the site looks like it belongs to the same site.
			Lack of contrast (in color, text, to create hierarchy of information, etc.).	Lack of contrast (in color, text, to create hierarchy of information, etc.).
			Pages that look okay in one browser but not in another.	Pages that look okay in one

				browser but not in another. Cluttered, not enough alignment of elements. Frames that make you scroll sideways. No focal point on the page, or too many focal points on the page. Navigation buttons as the only visual interest, especially when they're large and heavy.