



## Assignment 03

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<b>Program Name</b>	BSCS
<b>Course Code</b>	CSSE3143
<b>Course Name</b>	Web Application Development
<b>Course Instructor</b>	Muhammad Ali Makhdoom
<b>Time Allowed</b>	<b><u>Until 21<sup>st</sup> Jan, 2019</u></b>
<b>Assessment</b>	HTML5, PHP, MySQL
<b>Special Instructions</b>	<ol style="list-style-type: none"><li>1. Submit the soft copy of your solution on or before the due date on GitHub. Late submission will result in penalty.</li><li>2. Always keep a backup of your solution till it is graded.</li></ol>
<b>Conditions</b>	This is a group assignment but as announced the collaboration of each member is compulsory.
<b>Total marks available</b>	100
<b>Academic Honesty Policy</b>	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 HTML5, Forms, PHP and MySQL to create a dynamic Website

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

To pass, you must include:

1. After coordinating with group members, create and **assign at least 5 tasks/bugs on GitHub** to distribute the workload properly in all members [10]
2. Connection to MySQL [5]
3. Create an admin panel so that admin can control the website content. [20]
4. Form validation using **regex on client side and server side** [20]

We used forms on web pages to prompt for input from users in assignment 2. Forms are built up of various input components and posted to the server. All forms must be working, by using client-side and server-side validation, only valid data should be inserted into the database e.g. contact us, register, login, add products etc.

5. Includes & Templates [10]

When we are developing an application we want to minimize any repetition of the same task, for example having to copy and paste the page navigation menu and look and feel from one page to another. We can use PHP includes bringing in not only elements of a page, but commonly used functions and objects. Create a page template with a menu to link to each page you have created so far and include these templates into each page. You may need to edit the pages you have created previously to remove the header and footer tags that are now included in the template.

6. CRUD – Read [10]

The first page we need to create is the main website homepage which lists all your posts according to your project. You will also need to create a suitable look and feel for these pages using a template method. You will need to read all the posts from your database and display them on this page.

7. CRUD – Create [5]

The second page we want to create is a page to allow you to start posting entries to your website according to your own project idea. You will need to store these entries in your database.

8. CRUD – Update [5]

The next facility you will need is the ability to open an existing post and edit the content. Create a page that reads the information for the selected post into a form and then stores the changes back into the database.

9. CRUD – Delete [5]

The final facility to your site is the ability to delete posts. You need a facility to select posts and delete it from the database. You should include a facility to prevent the admin user from deleting a post by accident.

10. Uploading media (file / image / audio / video) [10]

Uploading the media in the database and fetching to display according to your given project idea.

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 his/her assigned task and contributed the work to upgrade Website. All viva questions will be practical and related to your project.*

\*\*\*End of Assignment\*\*\*

### Marking Scheme

91-100 marks	Evidence of numbers 1 to 10 above to upgrade 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 10 above to upgrade 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 10 above to upgrade 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 10 above to upgrade 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 10 above to upgrade 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 10 above to upgrade 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 10 above to upgrade a Website(Refer to the criteria below), or I believe you did NOT do the work



