Faculty of Information Technology
University of Moratuwa
BSc in Hons Information Technology & Management
IN 1600 - Essentials of Multimedia and Web Technologies

Level 1 – Semester 2   **Assignment 02**

Objective - Acquire skills in JavaScript for web site development

Use HTML, CSS and JavaScript for completing this assignment

Develop a simple one paged web site for the following specification.

You should develop a page for users to self-register and create an account to login to a system.
The page should consist of the following fields and any other field that you may consider
important. Use an HTML form element for including all the fields.

The fields the student should input
1. First name
2. Last name
3. Date of Birth
4. Age – (should be calculated when Date of Birth entered/selected)
5. Address
6. Email
7. Username
8. Password
9. Confirm password
10. Checkbox mentioning the students agrees to the terms and conditions of the university

The special validations the student should make are as given below
1. Check if all the fields except Address are not empty.
   a. You should notify the user that he/she should enter the missing information before
   proceeding.
   Hint: Notification message(s) on missing information could be given in a single location
   or even in front of each and every empty field.

2. Maximum length of the First Name and Last Name should be 30 characters
3. Calculate the age of the user once he/she completes with the "Date of Birth" field.
4. Check if a valid email address is entered
5. Username should only contain with simple case letters and should not contain spaces. Max length should be 10 characters.
6. Password should contain letters and at least one number and length should be between 6 to 15
7. The password and confirm password should match
8. Checkbox should be ticked to enable the submit button

Instructions for Submission

Important Information for Students

Due date on or before: **10 th of May 2022 Midnight (23:55 Hours)**.
Upload the zipped folder to LMS on or before the due date.

NO LATE SUBMISSION ARE ACCEPTED AND NO EMAILS ARE ACCEPTED

Name of the ZIP file should be 205001A.ZIP (given 205001A is the index number of the student)