# Department of Computing

**CS344: Web Engineering**

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**Class: BESE – 4AB**

# Lab 7: Dynamic Form Builder

**Date: 3rd November, 2015**

# Time: 10:00 AM - 01:00 PM & 02:00 PM – 05:00

# Instructor: Fahad Ahmed Satti

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# Lab 7: Dynamic Form Builder

## Description

In this lab the students have to create a web app that allows its users to dynamically build HTML5 forms. The Users will start by creating a new form, which will be followed by several options to create different form elements, each one dynamically added, based on user input.

## Objectives

* Dynamically build HTML 5 forms.
* The user should start by creating a new form.
* Allow the user to add any HTML5 form element, along with a label.
* The user should be able to customize the attributes and position of these elements.
* Write the complete information about the dynamically created form in JSON.
* Use a Version Control System (VCS) to manage solutions.

## Tools/Software Requirement

* Solutions should be made using HTML5, CSS3, JavaScript and core JQuery.
* **Do not use any external library or JQuery Plugin.**
* Besides LMS, Students must also use GitHub and upload their complete solutions and a description document on it.

## Pitfalls

* Any exceptions or errors leading to non-execution of submitted code.
* Failure to upload the solution to GitHub or not sharing the public repo link on LMS.
* Using any framework or programming language not mentioned above.
* Using any external library or JQuery Plugin besides JQuery core.
* Failure to explain the submission, during viva.

## Deliverables

* Convert your files to a zip folder and name it as given below and upload the zip folder to LMS.
  + Name – Registration No. – Section
* Upload the full solution on GitHub in a public repo.
* This lab is graded. Min marks: 0. Max marks: 10.

## How did I do the lab:

I made a form on click, which gives us options to dynamically create html elements which are appended to the form.