



Project WEB

The main purpose of a Web Project is to enable students to apply their learning to develop responsive website for different domain. This, in turn, will equip them to develop enough knowledge, skills and confidence to solve real-life problems, and thereby, enhance their chances of getting good employment.

A working web application on fundamental of Web and HTML 5 may be developed but before developing working application a prototypical model of Input Design and Output Design or Reports may be developed using any designing tools for understating the concept behind it.

Learning Objectives

- To be able to build responsive web application using HTML5, CSS and JavaScript, AJAX, jQuery.
- To be able to design effective User Interface

General Guidelines

1. The project should be free from plagiarism of any kind
2. Web application must explore the HTML5, CSS, JavaScript, Theme/template
3. Use any Database to store information
4. Group size: 2-4 Persons per group
5. Documentation is not compulsory
6. This may not be a live project
7. Use of Bootstrap framework by building a modern looking responsive website.

Knowledge about the following is expected to be demonstrated

1. Proper knowledge about the purpose of the application
2. Use of HTML5 Validation Services
3. Use of CSS
4. Use of JavaScript
5. Web application must be responsive and dynamic
6. Use of AJAX , jQuery
7. Use of Data Exchange (XML, JSON, CSV data files).

Expected Outcome

- The objective of the Application Development is to make students aware about the industry based process and workings. As a result, working application that meet with the industry standards should be populated.
- There will not be any compulsion to prepare a project report for the students but an application and supportive documents should be self-explanatory, so that evaluator



may get the detail about the application developed and can evaluate the students as per the evaluation criteria.

Suggested Web Application

1. University Web site
2. Online Book Store
3. E Commerce Web site
4. Online Library System
5. Online Shopping
6. Railway Reservation System

PS: Above list is a suggestive one. You may select any dynamic application.

Evaluation

Sr. No	Particulars	Weightage
1	Project <ul style="list-style-type: none">• Template(customized) / Theme• Library (CSS) / 2D, 3D Graphics• JavaScript Validation / Web storage• Online Framework / Animation	50%
2	Code Change	30%
3	Viva	20%