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**Introduction**

The thirst for learning, upgrading technical skills and applying the concepts in real life environment at a fast pace is what the industry demands from IT professionals today. However busy work schedules, far-flung locations, unavailability of convenient time-slots pose as major barriers when it comes to applying the concepts into realism. And hence the need to look out for alternative means of implementation in the form of laddered approach.

The above truly pose as constraints especially for our students too! With their busy schedules, it is indeed difficult for our students to keep up with the genuine and constant need for integrated application which can be seen live especially so in the field of IT education where technology can change on the spur of a moment. *Well, technology does come to our rescue at such times!!*

Keeping the above in mind and in tune with our constant endeavour to use Technology in our training model, we at Aptech have thought of revolutionizing the way our students learn and implement the concepts using tools themselves by providing a *live and synchronous eProject learning environment!*

**So what is this eProject?**

eProject is a step-by-step learning environment that closely simulates the classroom and Lab based learning environment into actual implementation. It is a project implementation at your fingertips!! An electronic, live juncture on the machine that allows you to

* Practice step by step i.e. laddered approach.
* Build a larger more robust application.
* Usage of certain utilities in applications designed by user.
* Single program to unified code leading to a complete application.
* Learn implementation of concepts in a phased manner.
* Enhance skills and add value.
* Work on real life projects.
* Give a real life scenario and help to create applications more complicated and useful.
* Mentoring through email support.

The students at the centre are expected to complete this eProject and send complete project along with the documentation to eProjects Team

Looking forward to a positive response from your end!!

**Objectives of the project**

The Objective of this program is to give a sample project to work on real life projects. These applications help you build a larger more robust application.

The objective is not to teach you JavaScript/Dreamweaver but to provide you with a real life scenario and help you create basic applications using the tools.

You can revise the chapters before you start with the project.

This project is meant for students who have completed the module of ***HTML5***. These programs should be done in the Lab sessions with assistance of the faculty if required.

It is very essential that a student has a clear understanding of the subject. Students should go through the project and solve the assignments as per requirements given.

Kindly get back to eProjects Team in case of any doubts regarding the application or its objectives.

**Problem Statement**

Calligraphy is the art of forming beautiful symbols by hand and arranging them well. It's a set of skills and techniques for positioning and inscribing words so they show integrity, harmony, some sort of ancestry, rhythm and creative fire.

Calligraphy can be taken to expert heights. Calligraphy skills are used in many areas of art and graphics, from greetings card design to tattoo artistry. But you don't have to be a pro to express your creative self and have a pleasant effect on the viewer or recipient of your efforts.

Essentially, there are three main types of calligraphy: Western, Arabic, and Oriental. Within each style, there may be several lettering sub-styles or hands. Seeing examples of these styles can help you perfect your art and get inspired to create something amazing.

Here we are aiming to design a website “QuickCalligraphy” which will provide an easy way to learn calligraphy and provide the basic other details about the art.

**Requirement Specification:**

The Web site is to be created based on the following requirements.

1. The home page must describe the keywords or highlight the calligraphy designs with all navigation links defined.
2. The site should provide the brief information about calligraphy as from where it originated etc.
3. There should be a well-designed menu with necessary sub menu options.
4. There should be various categories (forms and styles) like easy for kids, complex for elders and so on
5. There should also be categories of designs as Arabic, Indic, Greek etc(more categories can be added)
6. Proper description of the letters and fonts must be added in the website.
7. Contact us page: contact us details with location should be displayed using GeoLocation API (eg. GoogleMaps).
8. About Us
9. Feedback form
10. Gallery section should be added.
11. Color combination must be uniform throughout the project.
12. Navigation must be smooth.

**Hardware/ Software Requirements**

**Hardware**

* A minimum computer system that will help you access all the tools in the courses is a Pentium 166 or better
* 64 Megabytes of RAM or better

**Software *[Either or Combination as per Course/Sem]***

* Notepad/HTML editor/CoffeeCup
* Angular / Angular JS / React / BootStrap
* Dreamweaver / Figma
* MS IE / Chrome / FireFox / Netscape /MS Edge