

# eProject

## Supplement

Course	ACCP
Semester/Term	1
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## 1. 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 and 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 ladder 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. This 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 endeavor to use technology in our training model, we at Aptech have thought of revolutionizing the way our students to learn and implement the concepts using tools themselves by providing a *live and synchronous eProject learning environment!*

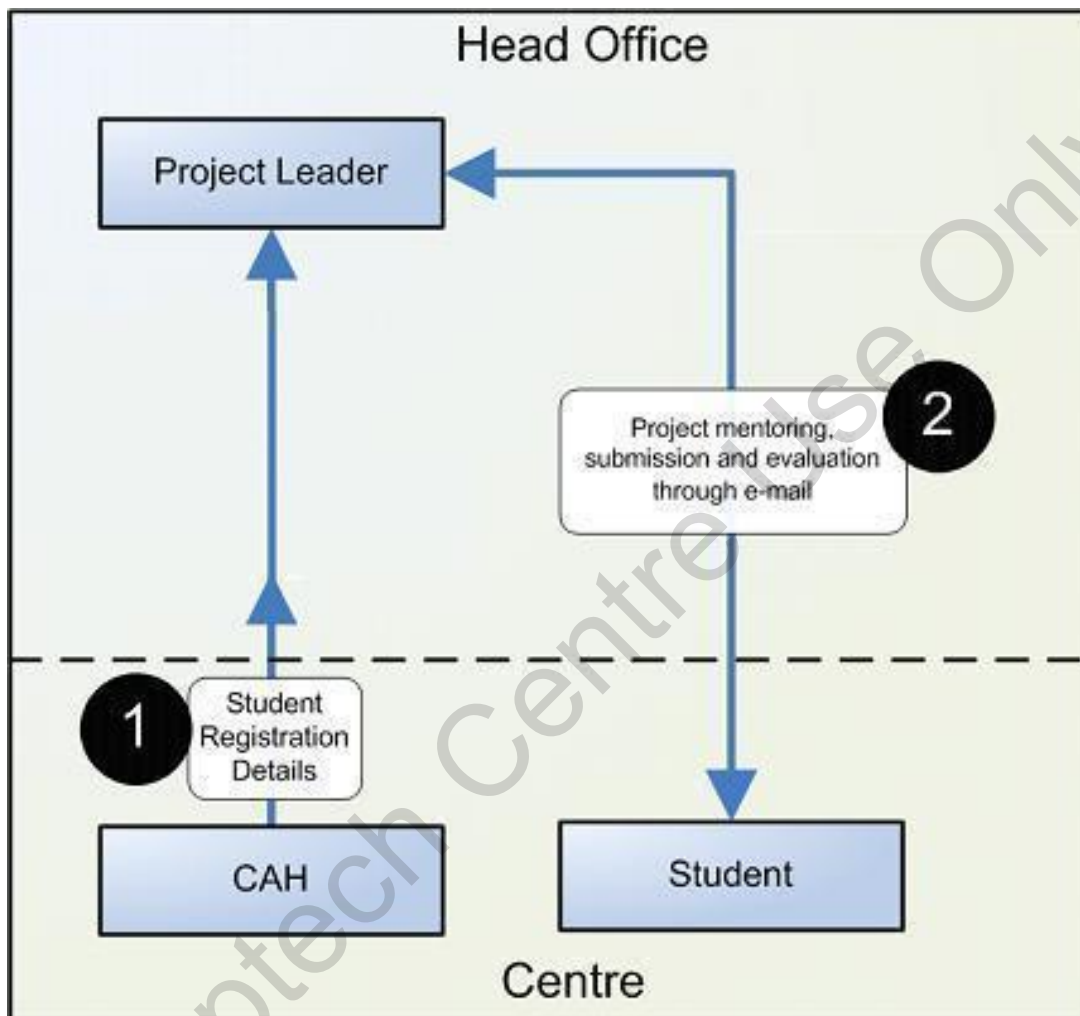
### **What is eProject?**

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 fingertips!! An electronic, live juncture on the machine that allows to:

- Practice step by step, a ladder approach.
- Build large and robust applications.
- Usage of tools 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.
- Feel real life scenario and help to create complex and useful applications.
- Mentoring through e-mail support.

## 2. Process Flow

Figure 1 highlights the processes involved in eProjects.



**Figure 1. Processes in eProjects**

Process No.	Description
1	<ul style="list-style-type: none"> <li>CAH to send student registration details in a pre-defined format to respective eProjects Team.</li> <li>Soft copy of the format will be available with the eProjects Team.</li> <li>Format and details will be checked and accordingly accepted or rejected by the eProjects Team.</li> </ul>
2	<ul style="list-style-type: none"> <li>Registered students will be provided with project specifications.</li> <li>Welcome e-mail will be sent to all the students whose registration details are received by the eProjects Team.</li> <li>Students should acknowledge the welcome e-mail to register themselves.</li> <li>Students need to get back to project leader with their queries.</li> </ul>

	<ul style="list-style-type: none"> <li>After completing project students should submit all the deliverables for the project.</li> <li>Project deliverables will be evaluated and marks will be assigned by the project leader.</li> </ul>
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### 3. Implementation

In eProjects, the process of registration of the student happens between the project leader and the students. This process is assisted by TAH/RAH for collecting the details of the students. Once the students get registered, the project leader and the students interact directly till the completion of project.

#### Team Size and Number of Hours

eProject for ACCP– Term 1, is a group project, wherein the group size should not exceed more than four students.

*Total hours per student=Centre to decide the project hours*

*(Refer ACCP – Term 1 -Master PM)*

#### eProject Schedules

Figure 2 refer to the schedules for the different processes involved in the eProject for ACCP - Term 1.

Figure 2-Applicable to centers which operate on 2 hours per day-4 days a week

*(Refer ACCP– Term 1 - Master PM)*

#### Normal Track-2 hours per day-4 days a week

<b>Start:</b> Week 07 <b>End:</b> Week 09 <b>Description:</b> Sending of registration details starts from Week 07 and ends by Week 09	<b>Start:</b> Week 10 <b>End:</b> Week 12 <b>Description:</b> Registration of students for eProjects starts from Week 10 and ends in Week 12	<b>Start:</b> Week 11 <b>End:</b> Week 18 <b>Description:</b> Analysis: Week 11 Design: Week 14 Coding: Wee 15-18 Documentation: Week 18	<b>Start:</b> Week 20 <b>End:</b> Week 23 <b>Description:</b> Evaluation of eProject and Submission of marks starts in Week 20 and ends in Week 23
<b>Student Registration Details</b>	<b>Registration</b>	<b>Mentoring</b>	<b>Evaluation</b>

**Figure 2. Schedule for the processes in eProject**

### **Deliverables**

Deliverables that are required to be submitted by the student to the project leader are listed as follows:

- Project Source Code
- Project Report

### **Evaluation Strategy**

- Project source code and working application = 70% of Total Marks for eProject
- Project Report (Soft Copy in MS-Word Format) = 30% of Total Marks for eProject

*(Refer ACCP- Term 1 - Master PM for final evaluation of eProject)*

## **3. Project Abstract**

The objective of the project is to train the students in HTML5. Project specification provided in ACCP - Term 1 will lead to expertise in Web Site designing in HTML5. The tools and technologies that will be required to develop the project are as follows:

- Adobe Dreamweaver CS5
- HTML5, CSS3, and JavaScript
- BootStrap and AngularJS

**Note:** Project specification will be released to the students after they register for eProject.

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