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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, 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 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

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

How do we start accessing the Sample eProject?

The students at the centre are expected to complete this eProject and send complete documentation with source code within the time allotted to eprojects@aptech.ac.in

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 the software s but to provide you with a real life scenario and help you create basic applications using the tools.

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

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.

Kindly get back @ eprojects@aptech.ac.in in case of any doubts regarding the application or its objectives.

Problem Statement

Introduction

The problem statement is attached separately in a file **Advertising Agency.pdf**

Standards plan:

1. Every code block must have comments.
2. The logic of the program needs to be explained. Proper documentation should be maintained.
3. Complete Project Report along with synopsis, code and documentation should be prepared.

Note: Don t forget to take your data backup every day. This will save your project work from the following:

a. Virus problem

b. System failure

c. File corrupt

Data Backup is an important event to be done on regular basis in a project management.

Documentation:

No project is complete without documentation. In fact, it is one of the most important activities during the development of a project. The documentation of an ideal project will be in the form of a project report comprising of the following documents:

- ➢ Certificate of Completion.
- ➢ Table of Contents.
- ➢ Problem Definition.
- ➢ Customer Requirement Specification.
- ➢ Project Plan.
- ➢ E-R Diagrams.
- ➢ Algorithms.
- ➢ GUI Standards Document.
- ➢ Interface Design Document.
- ➢ Task Sheet.
- ➢ Project Review and Monitoring Report.
- ➢ Unit Testing Check List.
- ➢ Final Check List.

Deliverables

You need to submit the following Deliverables:

1. Hardbound Documentation of the project.

2. You need to follow all the following points as a part of your eprojects execution process and will carry **10 marks** in the final eproject Result.

   a) Send us 2 (two) eprojects status mail, each should be after 10 days interval from your eprojects start date. Incase if your project is less than 30 days then also you need to send 2 (two) status mails (first status mail between 7-10 days and second 3 days before the end date of project).

   b) The status mail should consist of description with review document (what's going on the project). Also you can send your doubts / clarification or any additional inputs required to complete your eproject any time during the project planning and execution.

   c) At the time of project submission also send us the feedback along with your documentation (soft and hard bound copy). The Feedback form is attached with this mail.

Remember that the subject of your email should start either with the word STATUS: or DOUBT: or PROJECT SUBMISSION: accordingly.

Note: Kindly go through the ReadMe.txt file, which is available in the project specification Zip folder, which contains the information of the eproject Process, Interaction and Submission of eprojects

Hardware/ Software Requirements

Hardware

1. A minimum computer system that will help you access all the tools in the courses is a Pentium 166 or better
2. 64 Megabytes of RAM or better
3. Windows 98 (or higher if possible)
4. Java Virtual Machine

Software
Either or combination of the following Software s are to be used:

- Notepad/HTML editor/Java editor
- Dream weaver/JavaScript
- j2sdk1.4.1_02 (or later) / .Net / J2EE
- JSP / Servlets
- EJB / Struts
- JDBC
- SQL Server 2000 (or later) / Oracle 9i / MS Access
- JDBC Driver

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