Mohammad Ali Jinnah University

Chartered by Government of Sindh - Recognized by HEC

Portfolio Maker

Subject: Database Management System (DBMS)

Section: BM

Teacher: Rimsha Javed

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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 Project?

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.

The students at the centre are expected to complete this eProject and send complete documentation with source code within the time allotted to eProjects Team

Looking forward to a positive response from your end!!

Problem:

If you're a designer, copywriter, photographer, you're one of the millions. Customers and HR specialists are looking through thousands of CVs like yours. It's important to make them linger on your information for more than five seconds. And with a portfolio website, it's much easier to succeed!

- Why do you need a portfolio website?
- What is the use of Web portfolio?
- What is a website portfolio?
- What should be included in a website portfolio?
- How do I make my portfolio stand out?
- How do I make a portfolio?

Today we're going to dive into the topic of portfolio websites. Specifically, we'll figure out why it is so important for your career and how to create a really great online portfolio. To solve the problem suggest a Solution.

Solution:

Calling all artists, designers, photographers, and anybody else working in the creative sphere - this article is for you. However, even if you are not directly involved in the arts, don't click off just yet - you might be surprised, since the information we are about to give might inspire you to create your own website dedicated to the sphere you are in. We're here to talk online portfolios, and why they are absolutely crucial for anyone working in the creative field.

LinkedIn, Instagram, Pinterest - all of those are great. But do you know what's even better? A personal website. It gets your name out there, generates credibility and - if designed well - gives you the WOW factor that makes you stand out from competition. If you don't have an digital portfolio, now is the perfect time to create an unforgettable one that will have visitors rushing to admire your talents and see what you have to offer

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.

Entities of Project:

- Administers
- User Details.
- Home paper Details.
- Project Details.
- About us Details.
- Old Resume Details.
- Skills Details.
- Block User.
- Contact Details.

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.

Distribution of duties:

❖ Muhammad Fahad (**FA19-BSSE-0014**).

- Team lead
- Logical database designer.
- Database developer.
- Web Developer.
- Mobile Developer.
- Data Engineer.
- Database Administrator.
- Project Manager.
- Back-End Engineer.
- Full Stack Engineer.
- DevOps Engineer.
- Security Engineer.

❖ Ahmed Amin (**FA19-BSSE-0063**)

- Systems analyst.
- Documentation writer
- Database integration with front end.
- Systems Engineer.
- Test & Quality Assurance Engineer.
- Front-End Engineer. ...
- Software Engineer in Test (QA Engineer).

Language:

➤ ASP.NET MVC(Model view controller)
➤ C#
➤ Html 5
➤ CSS 3
➤ JavaScript
➤ Bootstrap
➤ JQuery.

Tools:

➤ Visual Studio 2017.
➤ SQL Server 2014 Management Studio.
➤ VS code.
➤ Notepad.
➤ Illustrator.
➤ Photoshop.
➤ Github Desktop.
➤ File Explore

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
➤ Windows 98 (or higher if possible)
➤ chrome