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# Project Report

## Star Classes

# Team Member

APTECH

- AFFAQ AHMED
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# AGENDA

- Introduction
- Objective
- Problem statement

# 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 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 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 e Project learning environment!*

## So, what is this E Project?

- E Project 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., ladder 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 center are expected to complete this e Project and send complete project along with the documentation to e Projects Team looking forward to 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 JSON/JavaScript/Dreamweaver/HTML5 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.

star Classes is into business for more than a decade. They have been advertising about their coaching classes through newspapers, pamphlets, television. Now with changing times, they have decided to go online as most of the students today are frequent users of Internet. They have planned for a website with complete details about the Coaching classes.

You are supposed to create a Single-Page-Application and responsive Website for them with the below mentioned requirement specifications.

The website is to be developed for the Windows Platform using HTML5, JavaScript and Geolocation. The site should work well in all leading browsers including Chrome, IE, Firefox etc.

# **Requirement Specification:**

The portal will be designed as a Single-Page-Application and responsive Website with a set of pages and menus that represent choice of activities to be performed. The pages, menus, and other visual elements must be designed in a visually appealing manner with attractive fonts, colors, and animations. All of these should also be laid out in a responsive manner.



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

- The Top of the Page should have suitable logo, and decent colour combination.
- Information should be neatly placed at suitable location.
- Various sections having information about different courses/subjects taught at the classes, Faculty/Teachers complete information and previous year's success stories should be listed.
- The site should display a menu which will contain the options for brief introduction about the above mentioned information, location/address of the coaching classes and any other information if required.
- The information should be categorized according to different subjects like if a User wants to see details of 'Commerce' then he click on a Link/button/menu etc and he will see details of course structure of commerce. Similarly for 'Mathematic', 'Languages' and other subjects. Proper Filter Options should be available.
- When a user selects any course stream, complete list of subjects for that course stream will be displayed.
- Details of the courses should be displayed on the Web Page along with the title and it should be available for download.
- Price List for all courses should be available for download.
- There should be a "Contact Us" section which will have the Address of the Coaching Classes and the mail address which when clicked will invoke the local mail client .

# SITE MAP

LOGO

HOME

ABOUT

COURSES

FEE STRUCTURE

WALLPAPER

COURSE  
CARD  
ONE

COURSE  
CARD  
TWO

COURSE  
CARD  
THREE

COURSE  
CARD  
FOURE

# HERE IS HEADER

[Home](#)[About](#)[Courses](#)[Fee Structure](#)[Contact US](#)

# ABOUT US PAGE

## Star Classes About

Star classes Pakistan is a premier institute for technical education, dedicated to providing students with the knowledge and skills they need to succeed in the ever-evolving world of technology.

With over 30 years of experience in designing courses and providing topnotch education to students, Star classes Pakistan is the go-to choice for students who want to excel in their careers. At Aptech Pakistan, we offer a wide range of technical education courses, including Information Technology, Multimedia & Animation, Hardware & Networking, and Aviation & Hospitality. Our courses are designed to provide students with a rigorous and challenging learning experience that prepares them for the real-world challenges they will face in their careers.



# IT Courses

## ADSE

### Advance Diploma in Software Engineering

ACCP PRIME is designed to produce developers of the future. Enabling students to develop applications from start to finish on many different platforms.

CAREER PATH TO  
**BILLION** \$ INDUSTRY  
**ACCP**  
PRIME 2.0



## ADSE

Aptech Certified Computer Professional is the best career path for anyone looking to make a career in the I.T. industry. A one of a kind curriculum in Pakistan



# CONTACT US PAGE

## Star Classes Contact us Form

First Name

---

Last Name

---

Email Address

---

Website Name

---

Write your message

---

SUBMIT



# FEE STRUCTURE



**APTECH CERTIFIED  
COMPUTER PROFESSIONAL  
PRIME**

## COURSE OUTLINE

### SEMESTER I (CPISM)

Office Automation (Office 2016)  
Logic Building and Elementary Programming  
Building Next Generation Websites  
Programming with Javascript  
Bootstrap and JQuery  
AngularJS  
UI/UX for Responsive Design  
eProject-Website Development (HTML5)

#### Job Opportunities

Responsive Web Developer /  
Front End Developer

### SEMESTER II (DISM)

Markup Language & JSON  
Data Management (SQL Server)  
Programming in C#  
Developing ASP.NET MVC Web Applications  
Developing Microsoft Azure and Web Services  
eProject (.NET Application Development)

#### Job Opportunities

.NET Web & Enterprise Application Dev. /  
Full Stack Web Developer (DotNET)

### SEMESTER III (HDSE I)

Distributed Version Control  
Working with Content Management System  
Optimize Web for Search Engines  
Querying with MySQL  
Web Application Development using PHP  
PHP Framework for Web Applications  
Securing Web Applications  
eProject (PHP-Web Application Development)

#### Job Opportunities

Full Stack Web Developer (Open Source) /  
Open Source Application Developer

### SEMESTER IV (HDSE II)

Fundamentals of Java  
Android App Development  
Xcode Application Development  
Programming in Swift  
eProject (App Development-Android/iOS)

#### Job Opportunities

Full Stack Developer (Web & Mobile) /  
Mobile App Dev. / Android & iOS Developer

### SEMESTER V (ADSE I)

Agile and DevOps  
Financial Data Analysis with MS Excel  
Emerging Job Areas-SMAC  
Python Programming  
R Programming  
eProject (Python/R)

### SEMESTER VI (ADSE II)

IoT Hardware (Focus on sensors)  
IoT Networking  
Programming the IoT (R/Python)  
Project IoT

#### Job Opportunities

IoT Developer

## YOU ARE EITHER ON THE CLOUD OR OUT OF BUSINESS



### Websites

There are over 1.5 billion websites on the World Wide Web today; many go inactive but the double of that comes online each second.

Developing websites today requires more than just HTML/CSS. Today your websites have to be responsive, follow UI/UX guidelines, be dynamic and search engine friendly.



### Web Applications & Cloud Services

Speed is a currency and customers/users demand quicker service and better products. In this day, survival of any business depends on their effective use of technology.

The era of desktop applications is over, businesses need secure, scalable, fast and cost effective solutions to their needs. From managing accounts, to providing customer service, preparing payroll, delivering education, managing patents, recording transactions and the list can go on...

Applications on the cloud are independent of time, free from geographical restrictions and are easy to manage and afford.



### Full Stack Development

A full stack developer is a kind of developer who has mastered a variety of skills and uses them to work on different layers of development or to complete a product independently.

These days almost not big products are completed individually but having the skills to work through out the stack gives you the flexibility to work with the team on different levels.

A full stack developer is an engineer who can handle all the work of databases, servers, systems engineering, and clients. Depending on the project, what customers need may be a mobile stack, a Web stack, or a native application stack.



### Internet of Things

The Internet of Things (IoT) is a system of interrelated computing devices, mechanical and digital machines, objects, animals or people that are provided with unique identifiers and the ability to transfer data over a network without requiring human-to-human or human-to-computer interaction.



### iOS

iOS is a mobile operating system created and developed by Apple Inc. exclusively for its hardware. It is the operating system that presently powers many of the company's mobile devices, including the iPhone, iPad, and iPod touch. It is the second most popular mobile operating system globally after Android by sales.



### Android

Android is a mobile operating system developed by Google, based on the Linux kernel and designed primarily for touchscreen mobile devices such as smartphones and tablets. Google has further developed Android TV for televisions, Android Auto for cars, and Android Wear for wrist watches, each with a specialized user interface.

Registration Foam

FEE Structure

# FOOTER PAGE



## S-CLASSES

Home  
Contact us  
About us

## COURSE OFFER

ABOUT Star Classes  
Fee Structure  
HDSE  
ADSE  
Short Courses  
Smart Professionals  
Language

## Account

Login  
Signup

## Contact Us

Aptech D.H.A Center  
 Send Email  
 Whatsapp Me

## Subscribe

Subscribe



# NAVBAR CODING

```
116
117 <body>
118   <nav>
119     <div class="nav-bar">
120       <i class='bx bx-menu sidebarOpen'></i>
121       <span class="logo navLogo"><a href="index.html"><i class="fa-solid fa-star" style="color: #
122       <div class="menu">
123         <div class="logo-toggle">
124           <span class="logo"><a href="#">S-CLASSES</a></span>
125           <i class='bx bx-x siderbarClose'></i>
126         </div>
127         <ul class="nav-links mb-0">
128           <li><a href="./index.html">Home</a></li>
129           <li><a href="./about.html">About</a></li>
130           <li><a href="./courses1.html">Courses</a></li>
131           <li><a href="./fee.html">Fee Structure</a></li>
132           <li><a href="./contactus.html">Contact US</a></li>
133         </ul>
134       </div>
```



# CONTACT US CODING

```
<!-- Created By CodingNepal -->
<html lang="en" dir="ltr">
  <head>
    <meta charset="utf-8">
    <link rel="stylesheet" href="./contact.css">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="shortcut icon" type="png" href="images/icon/favicon.png">
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Comaptible" content="IE=edge">
    <title>STAR-CLASSES</title>
    <link rel="shortcut icon" href="./img/ICONE.jfif" type="image/x-icon">
    <meta name="description" content="">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet" href="./bootstrap-5.0.2-dist/assets/css/bootstrap.min.css">
    <link href='https://unpkg.com/boxicons@2.1.1/css/boxicons.min.css' rel='stylesheet'>
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.0/css/all.m
  </head>
  <body>
```

# ABOUT US CODING

```
5 <head>
6   <link rel="shortcut icon" type="png" href="images/icon/favicon.png">
7   <meta charset="utf-8">
8   <meta http-equiv="X-UA-Comaptible" content="IE=edge">
9   <link rel="shortcut icon" href="img/ICONE.jfif" type="image/x-icon">
0   <title>STAR-CLASSES</title>
1   <meta name="description" content="">
2   <meta name="viewport" content="width=device-width, initial-scale=1">
3   <link rel="stylesheet" href="bootstrap-5.0.2-dist/assets/css/bootstrap.min.css">
4   <link rel="stylesheet" type="text/css" href="style.css">
5   <link href='https://unpkg.com/boxicons@2.1.1/css/boxicons.min.css' rel='stylesheet'>
6   <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.0/css/all.min
7
8   <style>
9
0   </style>
1 </head>
2
3 <body style="background-color: ☐ black;">
4
```



# FOOTER CODING

```
<footer class="mt-5" style="position: relative;top:100px;">
  <div class="content ">
    <div class="top">
      <div class="logo-details">
        <i class="fa-solid fa-star" style="color: ■ #fc5406;"></i>
        <span class="logo_name">STAR CLASSES</span>
      </div>
      <div class="media-icons">
        <a href="https://www.facebook.com/"><i class="fab fa-facebook-f"></i></a>
        <a href="https://twitter.com/?lang=en"><i class="fab fa-twitter"></i></a>
        <a href="https://www.instagram.com/"><i class="fab fa-instagram"></i></a>
        <a href="https://pk.linkedin.com/"><i class="fab fa-linkedin-in"></i></a>
        <a href="https://www.youtube.com/"><i class="fab fa-youtube"></i></a>
      </div>
    </div>
    <div class="link-boxes">
      <ul class="box">
        <li class="link_name">S-CLASSES</li>
        <li><a href="./index.html">Home</a></li>
        <li><a href="./contactus.html">Contact us</a></li>
        <li><a href="./about.html">About us</a></li>
      </ul>
      <ul class="box">
        <li class="link_name">COURSE OFFER</li>
```

# THANKYOU