

Project Report

ON

“Study Material”

(using HTML CSS AND JavaScript)



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Application*

Institute of Engineering & Technology

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ACKNOWLEDGMENT

It gives us great pleasure to present the synopsis of the B.Tech mini project (**Study Material**) undertaken during B. Tech III Year. This project is going to be an acknowledgment of the inspiration, drive, and technical assistance that will be contributed to it by many individuals.

We owe a special debt of gratitude to **Mr. Akash Kumar Chaudhary (Technical Trainer Department of CEA)**, for providing us with an encouraging platform to develop this project, which thus helped in shaping my abilities towards a constructive goal, through his constant support and guidance to our work.

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Thank you 

ABSTRACT

The project aims to put forward a solution for the students to learn and practice the courses from anywhere. It is an E-Learning platform. The idea of the project is that the student has to login with the credentials that he/she can able opt for any subject to read or he/she can able to watch videos related to that topic. There is also the admin portal where the admin can add more courses, update the courses, videos, and many more.

After learning students can assist with the test by giving a small quiz on the selected topic of his/her own.

The algorithm is designed to provide the resources in a more easy way so that a student doesn't have to search for any topics or courses. Through this students can save time and study more efficiently.

The technologies we have used are HTML, CSS, and javascript with the backend using Php with Xampp server.

Computer Engineering and Application

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BONAFIDE CERTIFICATE

Certified that this project report “**Study Material**” is the bonafide work of the team(**Manali Sahu** (201500380), **Ayush Tiwari** (201500184), **Aryan Gupta** (201500150), **Divyansh Bhargava**(201500231) who carried out the project work under my supervision.

Mentor: ***Mr. Akash Kumar Choudhary***

Signature:

Submitted for the project :**24-April -2023**

INTERNAL EXAMINER :

EXTERNAL EXAMINER:

DECLARATION

We hereby declare that the work presented in this dissertation entitled “**Study Material**” has been done by me under the guidance of our mentor **Mr. Akash Kumar Chaudhary**, and this dissertation embodies our work.

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TABLE OF CONTENT

Page no.

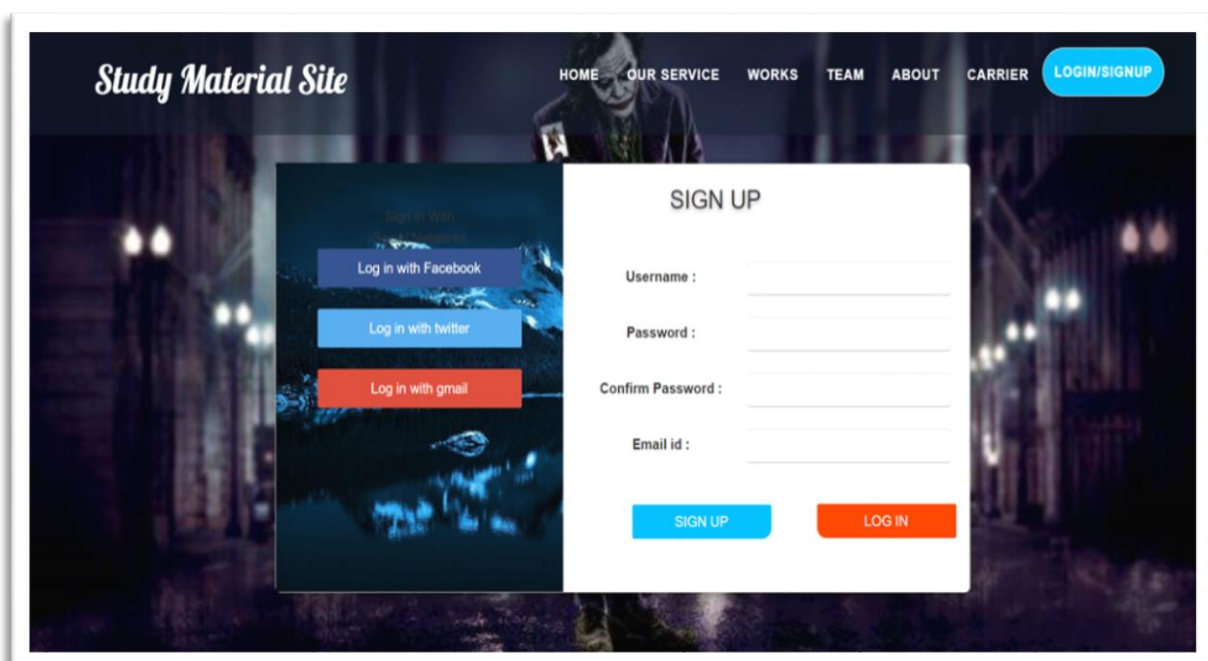
1. INTRODUCTION OF THE PROJECT.....	7
2. ABOUT THE PROJECT.....	8-9
i. HTML, JavaScript	
ii. Php, Xampp Server used	
iii. Platform used ---- VS Code	
3. OBJECTIVE OF THE PROJECT.....	10
4. PROCESS USED	11
5. DIAGRAM & EXPERIMENTAL ANALYSIS.....	12-14
i. User Diagram	
ii. Flow chart	
iii. Some examples of the project	
6. CODE DESCRIPTION.....	15-19
7. MOTIVATION.....	20
8. FUTURE PROSPECT.....	20
9. BIBLIOGRAPHY.....	21

INTRODUCTION

In this, we will build one interesting application that will related with the study materials provided to the students . To build this application we will use JavaScript ,Html ,CSS. This is one of the exciting and thrilling applications. While building this application we have used various libraries. First of all Student have to register into the application through Register Portal and then he/she can able to access all the features.

In our Project there are all the contents of subjects which a BTech Student have to study .All the pdf ,All books reference ,Important websites Video Lectures are there. It also content Admin portal where Admin can upload the data related to any subjects . There is a schedule section for the student also .

We are providing Book reference and on which website it is available student have to just click on the link to buy the books. Mainly, we build this application using HTML and CSS for the frontend and JavaScript as the programming languages. The algorithm is designed to provide better knowledge to student and increase their efficiency.



ABOUT THE PROJECT

JavaScript:



JavaScript (js) is a light-weight object-oriented programming language which is used by several websites for scripting the webpages. It is an interpreted, full-fledged programming language that enables dynamic interactivity on websites when applied to an HTML document.

With JavaScript, users can build modern web applications to interact directly without reloading the page every time. The traditional website uses js to provide several forms of interactivity and simplicity.

1. It is a light-weighted and interpreted language.
2. It is a case-sensitive language.
3. JavaScript is supportable in several operating systems including, Windows, macOS, etc.
4. It provides good control to the users over the web browsers.

HTML AND CSS:

HTML is an acronym which stands for **Hyper Text Markup Language** which is used for creating web pages and web applications. Let's see what is meant by Hypertext Markup Language, and Web page. HTML is a markup language which is used for creating attractive web pages with the help of styling, and which looks in a nice format on a web browser. An HTML document is made of many HTML tags and each HTML tag contains different content.

CSS stands for Cascading Style Sheets. It is a style sheet language which is used to describe the look and formatting of a document written in markup language. It provides an additional feature to HTML. It is generally used with HTML to change the style of web pages and user interfaces.



Vs Code Editor:

Visual Studio Code is a free coding editor that helps you start coding quickly. Use it to code in any programming language, without switching editors. Visual Studio Code has support for many languages, including Python, Java, C++, JavaScript, and more. Visual Studio Code gives you suggestions to complete lines of code and quick fixes for common mistakes. You can also use the debugger in VS Code to step through each line of code and understand what is happening.



XAMPP Server:

XAMPP is an open-source package of web solutions that includes Apache distribution for many servers and command-line executables along with modules such as Apache server, and PHP.

XAMPP helps a local host or server to test its website and clients via computers and laptops before releasing it to the main server. It is a platform that furnishes a suitable environment to test and verify the working of projects based on Apache, MySQL database, and PHP through the system of the host itself. Among these technologies, is a programming language used for web development, and PHP is a backend scripting language.

OBJECTIVE OF THE PROJECT

The project aims and objectives that will be achieved after completion of this project are discussed in this subchapter. The aims and objectives are as follows:

- Online book reading.
- Available all the subject contents
- Facility to download required notes
- Video tutorial for students.
- An Admin login page where the admin can add books, videos, or page sources and a student portal where students have to register themselves
- Open link for Learning Websites



THE PROCESS USED FOR STUDY MATERIAL

Step 1: Welcome to the Study Material Application

Step 2: Free Trail Page For the Student

Step 3: Student Portal For the Registration

Step 4: Choose your year of studying i.e. 1st yr, 2nd yr. so on

Step 5: Select the Subject and the contents

Choose the video lectures, notes, pdf, and website related to the subject

Choose the reference books and get the link if students have to buy

Print the notes and the admin can upload the new Contents

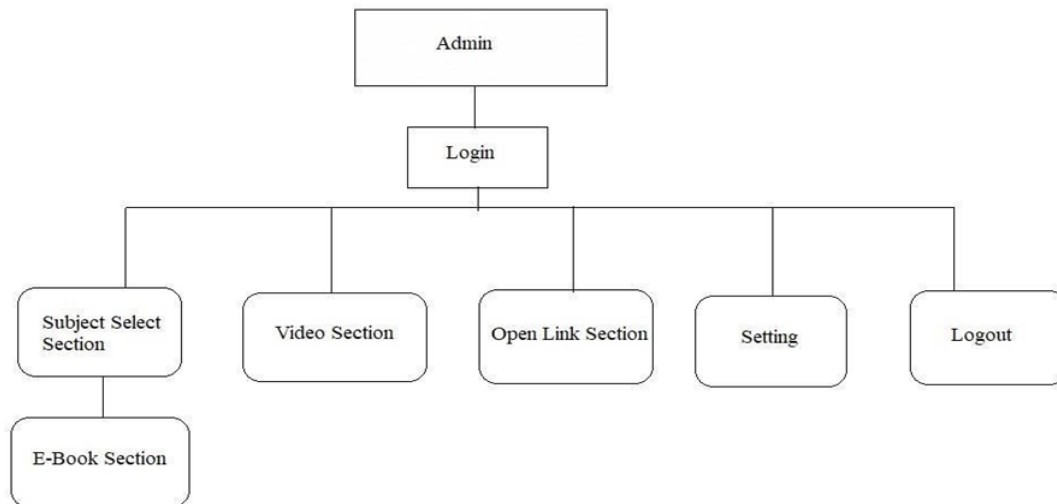
Step 6: Preparing your own Schedule from the Scheduler

Step 7: Feedback form filled out by the student

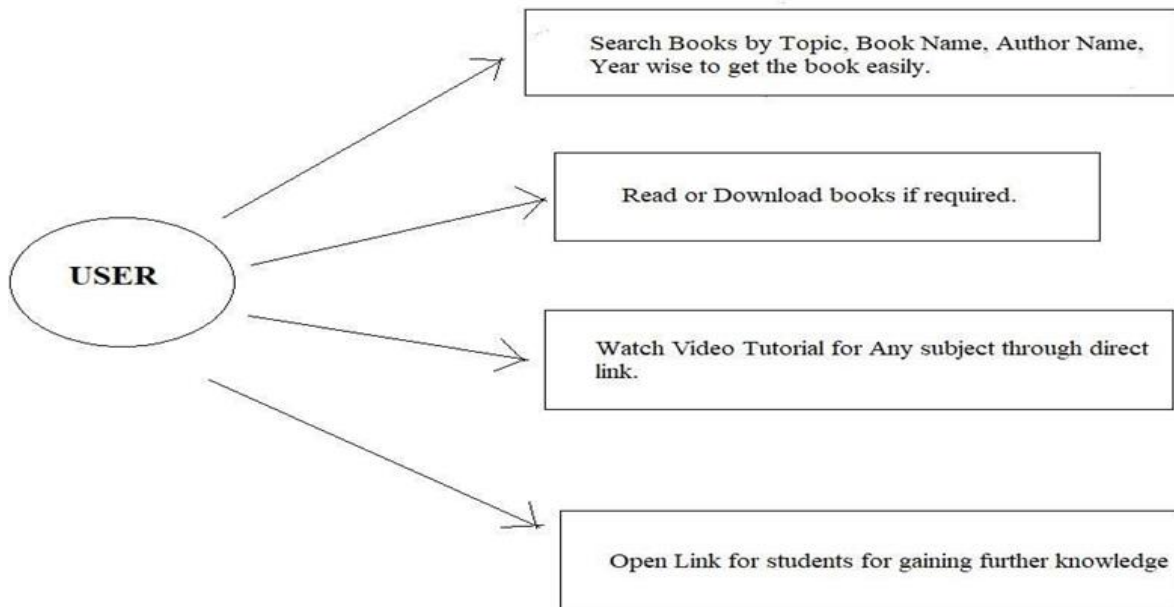
Step 8: Social media connections of our application (e.g. Instagram ,twitter)



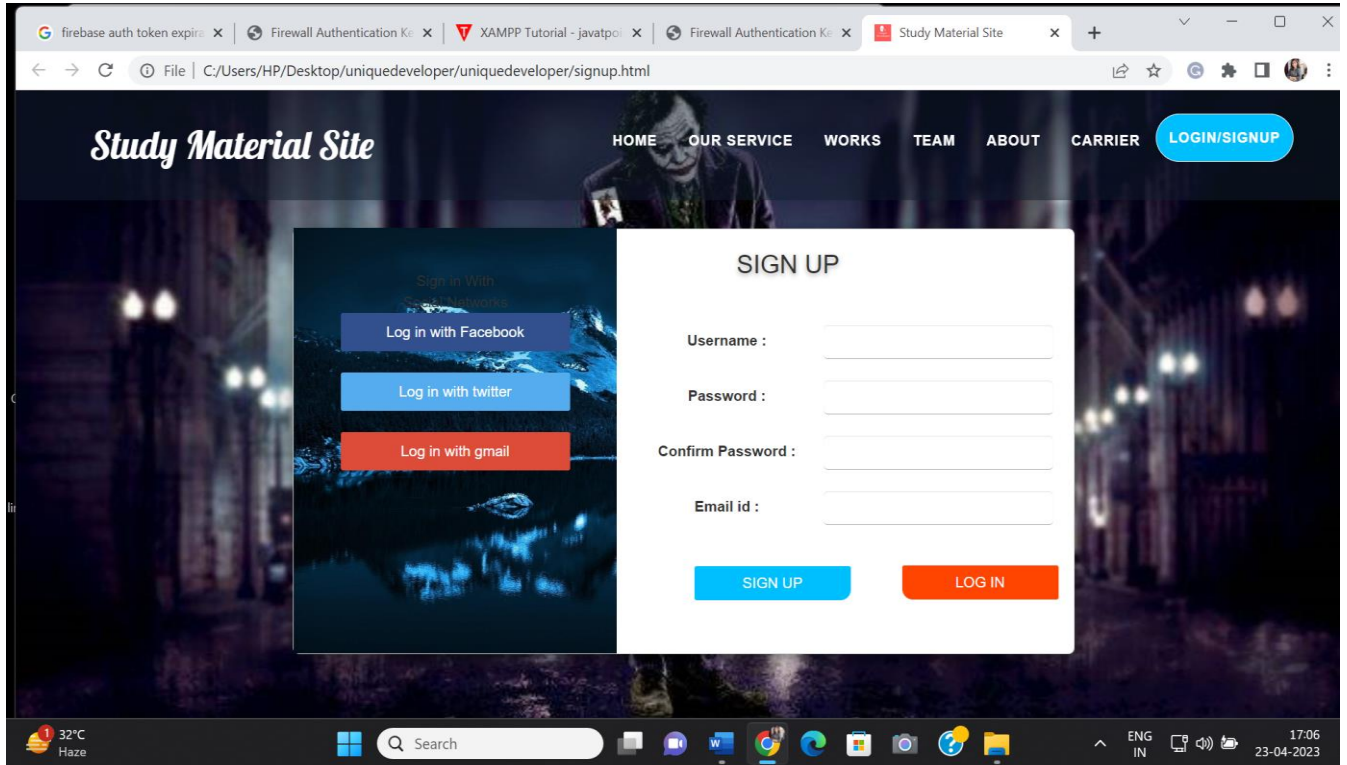
DATA FLOW DIAGRAMS

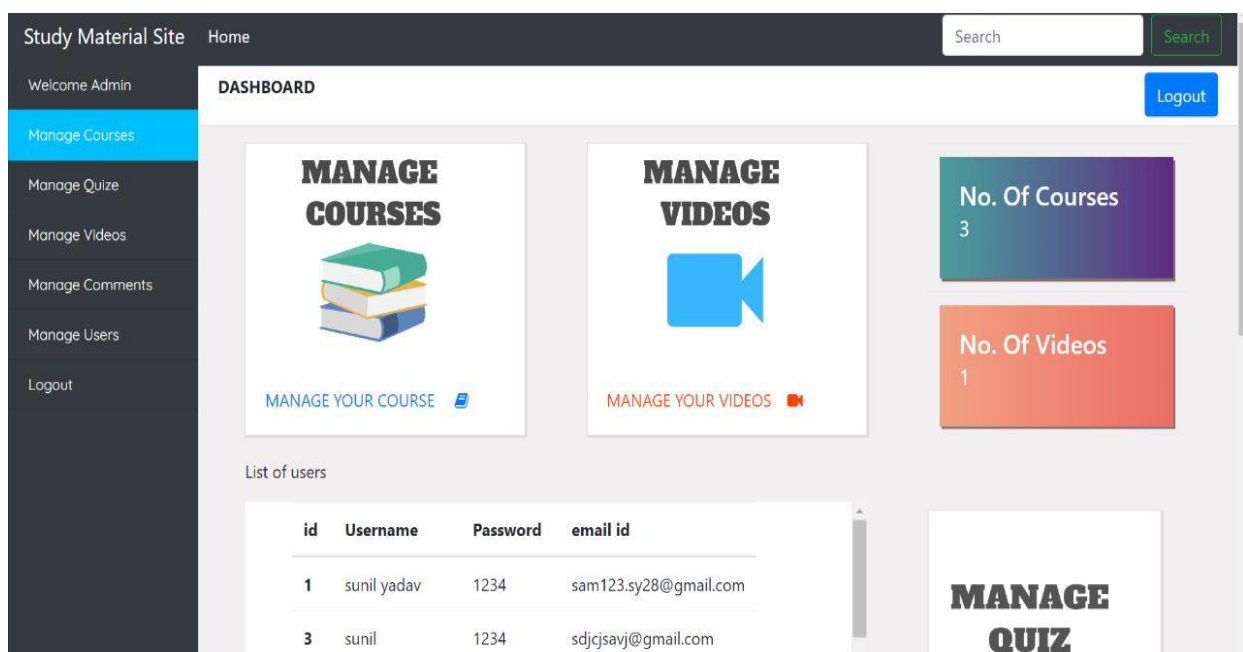
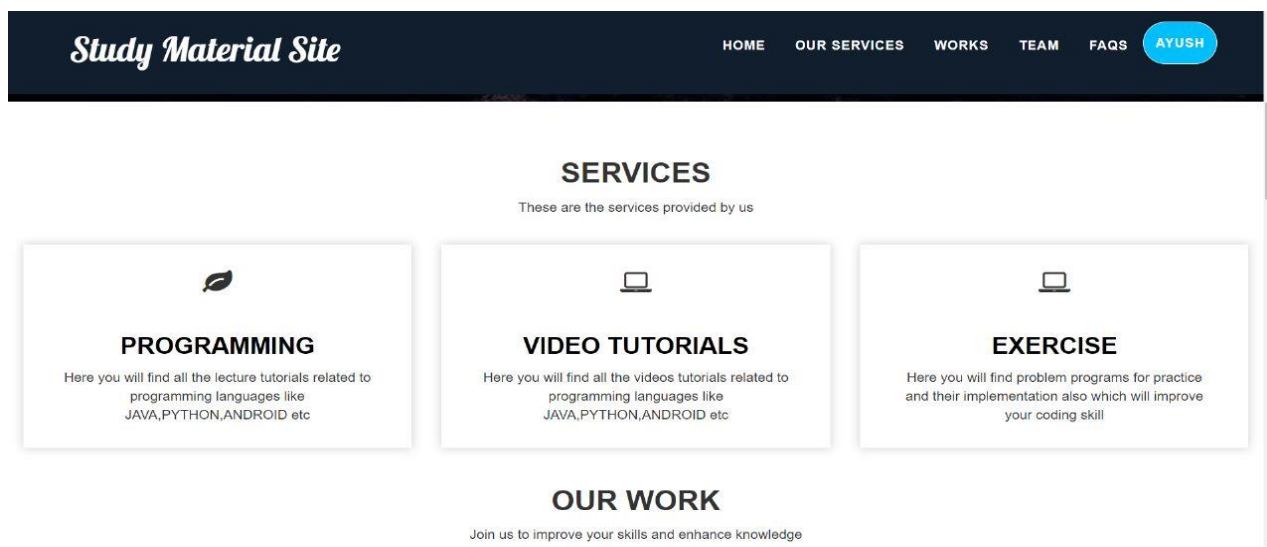
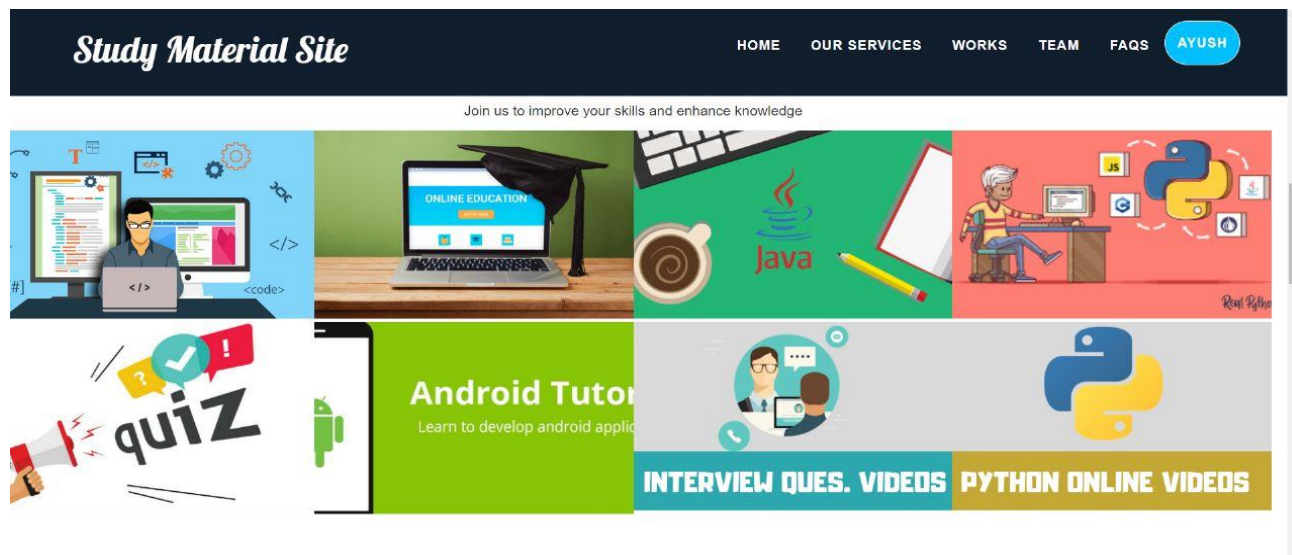


After entering the home page of the website, students can choose the user LOGIN option where they are asked to enter their username & password, and if he/she is a valid user then a student login page will be displayed.



SOME EXAMPLES OF THE PROJECT





CODE DESCRIPTION:

```
<?php
session_start();

?>

<!DOCTYPE html>
<html>
<head>
    <link href="https://fonts.googleapis.com/css?family=Aleo"
rel="stylesheet">

    <link href="https://fonts.googleapis.com/css?family=Source+Sans+Pro"
rel="stylesheet">
    <title>Unique Developer</title>
    <!--Linking google fonts-->
    <link href="https://fonts.googleapis.com/css?family=Lobster"
rel="stylesheet">

    <!--font-awesome start-->
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">

    <!--font-awesome ends-->

    <!--css file link-->

    <link rel="stylesheet" type="text/css" href="css/login.css">

    <!--favicon setting-->
    <link rel="shortcut icon" type="text/css" href="img/mylogo.png">

    <!-- Latest compiled and minified CSS -->
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">

    <!-- jQuery library -->
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></scrip
t>

    <!-- Latest compiled JavaScript -->
```

```

    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></sc
ript>

    <!-- Google Client id to integrate google signin-->

    <meta name="google-signin-client_id" content="808976312783-
k901nr0n50did222qa275k0umvn4rpi1.apps.googleusercontent.com">

    <!-- Google JavaScript file to integrate google signin-->
    <script src="https://apis.google.com/js/platform.js" async defer></script>

    <!-- Google custom JavaScript file to integrate google signin-->
    <script type="text/javascript" src="js/google_signin.js"></script>

    <!-------email notification----->

<script type="text/css">

</script>

</head>
<body>

    <!--Navigation Starts ----->

    <nav class="navbar navbar-inverse navbar-fixed-top">
        <div class="container">
            <div class="navbar-header">
                <!-------Responsive Button---->
                <button type="button" class="navbar-toggle" data-
toggle="collapse" data-target="#navi">
                    <span class="icon-bar"></span>
                    <span class="icon-bar"></span>
                    <span class="icon-bar"></span>

                </button>

                <h1 style="color: white;margin-top: 10px;" id="myhead">Study
Material Site</h1>
                </div>
                <div class="collapse navbar-collapse" id="navi">

```



```

        <!--Navigation menus starts---->
        <ul class="nav navbar-nav navbar-right">
            <li> <a href="">Home</a></li>
            <li> <a href="">Our Service</a></li>
            <li> <a href="">Works</a></li>
            <li> <a href="">Team</a></li>
            <li> <a href="">About</a></li>
            <li> <a href="">Carrier</a></li>
            <li> <a href="" id="our-location" class="btn-success"
data-target="#myModal" data-toggle="modal">Login/Signup</a></li>
        </ul>

        <!--Navigation menus ends---->
    </div>
</div>
</nav>

<!--Navigation Ends ----->

<!--Slider Section starts ----->
<section class="slider text-center" id="slider">
    <div class="modal-dialog ">
        <div class="modal-content">
            <h3 id="login-heading">Login</h3>

            <div class="modal-body" >
                <div class="left-box">
                    <form method="POST" action="validation.php"
onsubmit="return validation()">
                        <div class="form-group">
                            <label><i class="fa fa-user fa-
2x"></i>Username :</label>
                            <input type="text" autocomplete="off"
name="name" class="form-control" id="username" onkeypress="clear()">

                            <label><i class="fa fa-lock fa-
2x"></i>Password :</label>
                            <input type="password" autocomplete="off"
name="password" class="form-control" id="password">

                            <span id="perror"><?php
if(isset($_SESSION['error']))
{
    echo "wrong username or password";
}
else{ echo " ";}
?>

```

```

        </span>
        <button id="btn-login"
type="submit">Login</button>

        </div>
        <div class="register">
            <h2>Don't have an account?&nbsp;<span
id="create-account"><a href="signup.html">Create</span></a> </h2>
            </div>

        </form>
    </div>
    <div class="right-box">
        <span class="signinwith">Sign in With <br> Social
Networks</span>

        <button class="social facebook">Log in with
Facebook</button>

        <button class="social twitter">Log in with
twitter</button>

        <button type="submit" class="social google g-signin2"
data-onsuccess="onSignIn()">Log in with gmail</button>
    </div>

</div>
</div>
</section>

<!--Slider Section ends----->

<!--confirm password validation Start----->

<script type="text/javascript">
function validation() {
    var username=document.getElementById('username').value;
    var password=document.getElementById('password').value;

    if ((username=="") ||( password==""))
    {
        document.getElementById('perror').innerHTML="please fill the details";
        return false;
    }
}

```

Code description :

```
-- phpMyAdmin SQL Dump
-- version 4.9.0.1
-- https://www.phpmyadmin.net/
--
-- Host: 127.0.0.1
-- Generation Time: Mar 22, 2021, at 07:36 AM
-- Server version: 10.3.16-MariaDB
-- PHP Version: 7.1.30

SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
SET AUTOCOMMIT = 0;
START TRANSACTION;
SET time_zone = "+00:00";

/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!40101 SET NAMES utf8mb4 */;

--
-- Database: `unique developer`
--
--
-- -----
--
-- Table structure for table `answers`
--

CREATE TABLE `answers` (
  `aid` int(255) NOT NULL,
  `answer` varchar(255) DEFAULT NULL,
  `ans_id` int(250) DEFAULT NULL,
  `course_name` varchar(255) DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

--
-- Dumping data for table `answers`
--

INSERT INTO `answers` (`aid`, `answer`, `ans_id`, `course_name`) VALUES
(1, 'Home Tool Markup Language', 1, 'html'),
(2, 'Hyperlinks and Text Markup Language', 1, 'html'),
(3, ' Hyper Text Markup Language', 1, 'html'),
(4, ' Hyper Train Markup Language', 1, 'html'),
(5, ' Mozilla', 2, 'html'),
```

```

(6, ' Google', 2, 'html'),
(7, 'Microsoft', 2, 'html'),
(8, 'W3C', 2, 'html'),
(9, '<head>', 3, 'html'),
(10, '<heading>', 3, 'html'),
(11, '<h6>', 3, 'html'),
(12, '<h1>', 3, 'html'),
(13, '<lb>', 4, 'html'),
(14, '<br>', 4, 'html'),
(15, '<break>', 4, 'html'),
(16, '<bk>', 4, 'html'),
(17, 'programming language', 5, 'java'),
(18, 'web designing language', 5, 'java'),
(19, 'OOPS language', 5, 'java'),
(20, 'general purpose language', 5, 'java');

-----

--
-- Table structure for table `category`
--

CREATE TABLE `category` (
  `id` int(4) NOT NULL,
  `cat name` varchar(100) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

--
-- Dumping data for table `category`
--

INSERT INTO `category` (`id`, `cat_name`) VALUES
(1, 'PHP'),
(2, 'java'),
(3, 'javascript'),
(4, 'python'),
(5, 'android'),
(6, 'jQuery'),
(8, 'IR'),
(9, 'Hadoop'),
(10, 'Hadoop'),
(11, 'comedy nights'),
(12, 'CSS'),
(13, 'spring');

-----

--

```

```

-- Table structure for table `comment section`
--

CREATE TABLE `comment section` (
  `cid` int(11) NOT NULL,
  `uid` varchar(120) NOT NULL,
  `date` datetime NOT NULL,
  `message` text NOT NULL,
  `video_id` int(255) NOT NULL,
  `video_path` varchar(255) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

--
-- Dumping data for table `comment section`
--

INSERT INTO `comment section` (`side`, `uid`, `date`, `message`, `video_id`,
`video_path`) VALUES
(153, 'sunil Yadav', '2019-04-15 19:05:17', '5', 50, 'comedy knights'),
(155, 'Sunil', '2021-03-13 15:50:57', 'very helpful', 51, '');

-- -----

--
-- Table structure for table `courses`
--

CREATE TABLE `courses` (
  `id` int(11) NOT NULL,
  `topic_name` varchar(255) NOT NULL,
  `description` text NOT NULL,
  `course_name` varchar(255) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

--
-- Dumping data for table `courses`
--

```

MOTIVATION

The idea behind choosing this project was to help the students in their studies. They don't have to search for the syllabus and the content, all the contents are provided to them. Then even can print important material from this application. All the important books related to the subject are also on their buying website is also providing to them. All the project is related to student favor so that they can easily focus on their study rather than wasting time in searching for the content. We are trying our best to provide good facility to the student .

FUTURE SCOPE

There is a future scope of this facility that many more features such as online lectures and video tutorials can be added as well as online pdf, Previous Year Question papers are uploaded to the submission facility, Scheduler helps them to schedule their study routine a feature of feedback and online group discussions among students where they can discuss various issues of engineering subjects can be added to this project thus making it more interactive more user friendly and project which fulfills each users need in the best way possible.

BIBLIOGRAPHY

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- https://www.w3schools.com/w3css/w3css_color_libraries.asp
- https://www.quackit.com/html/codes/html_code_library.cfm

BOOKS:

Learning Web Design: A Beginner's Guide To HTML, CSS, JavaScript,
and Web Graphics

Responsive Web Design with HTML5 and CSS3

ONLINE GITHUB REPOSITORY:

<https://github.com/AyushTiwari99/Study-Material-Project>

FACULTY GUIDELINES:

Mr. Akash Kumar Chaudhary, (Technical Trainer)

The End