A MINI PROJECT REPORT

ON

Online Tutorial

Submitted to Mumbai University

In the partial fulfillment of the requirement for the award of the degree of

Bachelor of Engineering

In

COMPUTER ENGINEERING

By

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Affiliated to Mumbai University

KHANDA GOAN, NEW PANVEL, NAVI MUMBAI, MAHARASHTRA

2018-2019

DECLARATION BY THE CANDIDATE

Shaikh Shadab bearing Roll number: 17DCO74, hereby declare that the mini project report entitled **"Online Tutorial"**, is a record of bonafide work carried out by me and the results embodied in this project have not been reproduced or copied from any source. The results of this project report have not been submitted to any other University or Institute for the award of any other Degree or Diploma.

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<u>CERTIFICATE</u>

This is to certify that the project report entitled **"Online Tutorial"**, submitted by **Mr. Shaikh Shadab** , bearing **Roll. No.: 17DCO74** in the partial fulfillment of the requirements for the award of the degree of **Bachelor of Computer Engineering** is a record of bonafide work carried out by him/her.

Course Owner

(Assit. Prof. Muhammed Salman Shamsi)

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Chapter 1

INTRODUCTION

1.1   Introduction

Education in this world has become widely important, over the time many people has emphasized on why education holds the crux to the success. As considering the importance of education, it is also important to make education available and spread it as long as possible.

Our project entitled "Online Tutorial", ensures to carry follow the same principle with the goal purpose of enhancing education throughout the world. There are many people who by some or the other reason aren't able to get the appropriate education just for the minor reason of either wealth, family issues or travelling issue. Our project guarantees to avoid all these hurdles, all a user will be needing is simple a low-end system with a latest browser application with an internet connection and that's it.

E-learning has proved to be the best means in the corporate sector, especially when training programs are conducted by MNCs for professionals across the globe and employees are able to acquire important skills while sitting in a board room, or by having seminars, which are conducted for employees of the same or the different organizations under one roof. The schools which use E-learning technologies are a step ahead of those which still have the traditional approach towards learning.

No doubt, it is equally important to take forward the concept of non-electronic teaching with the help of books and lectures, but the importance and effectiveness of technology-based learning cannot be taken lightly or ignored completely. It is believed that the human brain can easily remember and relate to what is seen and heard via moving pictures or videos. It has also been found that visuals, apart from holding the attention of the student, are also retained by the brain for longer periods. Various sectors, including agriculture, medicine, education, services, business, and government setups are adapting to the concept of E-learning which helps in the progress of a nation.

The "Online Tutorial", is open for all. The faculty can enroll themselves just by contacting us. Student just need to register from the portal and with the credential they can avail the available courses based on his/her convenience.

1.2   Scope

Features of Our Project

> ➢ User friendly GUI, so even the naive user wouldn't have to suffer
> ➢ Separate roles and login for Faculty, Students, and Admin of the system
> ➢ Based on the user convenience, no need of jumping to other websites or other tabs everything inside a dashboard.
> ➢ Fully authorized and authenticated system
> ➢ Permanent access of record to only respective authorized persons within the software/project itself
> ➢ Forgot and show password module if incase user forgets the password
> ➢ ALL CRUD operation is implemented on the records.
> ➢ Separate record storage for each role increasing the dynamicity of the project
> ➢ Time to time user friendly guidelines and messages so any individuals can easily handle our system without any difficulties
> ➢ Records being saved with current date and time as filename, and also inside record with respective faculty name and their subject code for future security purposes
> ➢ Access control mechanisms.

This project can be used for any educational purposes and for any field, like a faculty of pharmacy can avail the features of this system to teach the respective pharmacy students the same goes with any field across the globe

All the records are fully authorized and are to be displayed to respective authorized users only various privilege rights has been checked throughout the system

Though this project has certain limitation like, until a faculty is not available to take the course the courses will not exist in the system. Might be possible the content decided by faculty would not be much acceptable by the students.

1.3   Problem Statement

A learning system based on formalized teaching but with the help of electronic resources is known as E-learning. While teaching can be based in or out of the classrooms, the use of computers and the Internet forms the major component of E-learning. E-learning can also be termed as a network enabled transfer of skills and knowledge, and the delivery of education is made to a large number of recipients at the same or different times. Earlier, it was not accepted wholeheartedly as it was assumed that this system lacked the human element required in learning.

Developing a fully functional system having all the E-learning principles and features as described. Also, to the system must give the convenience to the user of accessing the tutorial material with 24X7 availability status and it should ensure an intuitive and flexible way of learning.

Chapter 2
SYSTEM SPECIFICATION

2.1   System Requirements

Server side requirements

➢ Xamp/Wamp/Lamp (based on operating system) Server offering Apache/2.4.17 (Win32) OpenSSL /1.0.2d PHP/5.6.21 or later and Mysql 10.1.13-MariaDB with phpMyAdmin utility.

➢ Libraries such as, jquery and CKEditor

➢ 1 GB disk space

➢ 512 MB RAM

➢ Normal PS/2 or any USB keyboard

➢ Any text editor like sublime (preferable)

Client side requirements

➢ Microsoft Windows XP and later/ Any Linux distribution based on Debian. / Any Unix based operating system

➢ HTML5 latest browser like chrome , firefox, safari.

Chapter 3

SYSTEM IMPLEMENTATION

3.1   Modules In The System

In our project there are various key modules such as separate login module for respective faculties, students and admin. Validating login details, and accordingly giving access to authorized users. After accessing the system, an admin can enroll a faculty, faculty can create schema of course and update the content of course. Student can access the currently taking course

➢ **Authentication Module**

The authorization module is very important for any system, based on the group access control table present in the system appropriate user will be taken to its appropriate places.

➢ **Registration Module**

As soon as a user wishes to enroll into the system, all the necessary details needs to be filled. Based on the availability of the username appropriate message will be given to user with the help of ajax and jquery. If a user wishes he/she can upload his/her image. If the image is not uploaded the initials will be displayed

➢ **Forgot password Module**

If incase a user failed to remember his/her password, the system will simply ask the security question and an end user can quickly reset the password with ease

➢ **Creating schema of courses**

As the faculty has been enrolled by the admin, the first login of faculty take the faculty changing the password ensuring the security.

A faculty will have the authority to create a schema for courses and to add appropriate contents. The content will be added chapter wise with the help of a library named CK-Editor which provides user friendly GUI to format the contents.

➢ **Students availing the contents**

Sooner the faculty, has added content the courses will be displayed to the user on first login. The user can take courses based on his/her choice.

3.2 Sample CODE Snippets

3.2.1)Index.php

```
<!DOCTYPE html>
<html>
<head>
<title>Home</title>
<link rel="stylesheet" href="Css/aos.css" />
<script src="Js/jquery-3.3.1.min.js"></script>
<script src="Js/bootstrap.min.js"></script>
<script src="Js/popper.js"></script>
<link rel="stylesheet" href="Css/bootstrap.min.css">
<linkrel="stylesheet"href="https://use.fontawesome.com/releases/v5.3.1/css/all
.css">
<link rel="stylesheet" type="text/css" href="Css/glyphicon.css">
<link rel="stylesheet" type="text/css" href="Css/slide2.css">
<style type="text/css">
.carousel-indicators{
cursor:pointer;
}
.carousel-indicators li:hover{
background-color: red;
}
div#cntct{
background: url('Images/Homepage/cntct.jpg');
height: 530px;
background-repeat: no-repeat;
}
div#contact{
height: 530px;
}
.container{
box-shadow: 0 0 20px 0 rgba(0, 0, 0, 0.2), 0 5px 5px 0 rgba(0, 0, 0, 0.24);
}
.container form div{
position: relative;
}
.container form div label{
position: absolute;
top: 3px;
pointer-events: none;
left: 0;
transition: .3s;
}
.container input:focus ~label,
.container input:valid ~label{
left: 0;
top: -20px;
color: rgb(66,133,244);
font-size: 12px;
font-weight: bold;
```

```
}
.form-control{
text-decoration: none;
width: 100%;
border-top:0;
border-left:0;
border-right:0;
}
div#div1{
height: 1px;
}
</style>
</head>
<body>
<div class="container-fliud">
<ul class="nav justify-content-end bg-dark top topnav fixed-top">
<li class="nav-item" style=" background: rgba(0, 0, 0,0, 0.2);color: #f1f1f1;">
        <a class="nav-link" href="#" style="color: #f1f1f1;">Home</a>
</li>
<li class="nav-item">
        <a class="nav-link" href="#About" style="color: #f1f1f1;">About</a>
</li>
<li class="nav-item">
        <a class="nav-link" href="#contact" style="color: #f1f1f1;">Contact</a>
</li>
<li class="nav-item">
        <a class="nav-link " href="login-form.php" style="color: #f1f1f1;">Login <span
class="glyphicon glyphicon-log-in" style="font-size: 10pt;"></span></a>
</li>
<li class="nav-item">
        <a  class="nav-link  "  href="Register.php"  style="color:  #f1f1f1;">Signup<span
class="glyphicon glyphicon-user" style="font-size: 10pt;"></a>
</li>
</ul>


<div id="carouselExampleIndicators" class="carousel slide" data-ride="carousel">
<ol class="carousel-indicators">
        <li          data-target="#carouselExampleIndicators"          data-slide-to="0"
class="active"></li>
        <li data-target="#carouselExampleIndicators" data-slide-to="1"></li>
        <li data-target="#carouselExampleIndicators" data-slide-to="2"></li>
        </ol>


        <div class="carousel-inner">
                <div class="carousel-item active">
                        <img  src="Images/Homepage/1.jpg"  style="height:  600px;width:
100%;">
                        <div class="text-block" >
                                <h4 style="font-size: 15pt; color:darkgreen;">GET STARTED
WITH ONLINE COURSES</h4>
```

```html
                                <h1     style="font-size:    25pt;     ;left:0;"     >BEST
ONLINE<br/>LEARNING SYSTEM</h1>
                                <p style="font-size: 15pt;color:black font-family: "Times
New Roman", Times, serif;">
                                Some people dream of accomplishing great things.<br> Others
stay awake and make it happen.</p>
                </div>
        </div>


        <div class="carousel-item">
                <img  src="Images/Homepage/2.jpg" style="height: 600px;width: 100%;filter:
blur(2px);">
                <div>
                <div class="about text-block" style="font-size: 16pt;" >
                        <hr class="abouthr" style="background-color: white;">
                        <ul style="list-style-type:none">
                                <li>Online  Tutorial  originated  from  the  idea  that  there
exists of a online class for who respond better to online content and prefer to learn the
subject.</li>
                                <li> Our content and resources are freely available and we
prefer to keep it that  way to encourage our student to acquire as many skills as they
would <br>like to.</li>
                                <li> Our mission is deliver the Simply Easy Learning with
clear, crisp, and to-the-point content on a wide range of technical and non-technical
subjects</li>
                                <li>    without    any    of    the    pre-conditions    and
impediments.</li>
                        </ul>
                        <hr class="abouthr" style="background-color: white; ">
                </div>
                </div>
        </div>


        <div class="carousel-item">
                <img  src="Images/Homepage/3.jpg" style="height:600px;width: 100%;filter:
blur(2px);">
                <div class="text-block-ben" style="margin-left: 23%;">
                        <ul style="margin-top: 25%; font-size: 15pt;">
                                <li >Easy  Learning  with  clear,  crisp,  and  to-the-point
content.</li>
                </ul>
                </div>

                <div class="text-block-ben" style="margin-left: 53%;">
                        <ul style="margin-top: 25%; font-size: 15pt;">
                                <li>Quickly evaluate the progress reports</li>
                </ul>
                </div>

                <div class="text-block-ben" style="margin-left: 23%; margin-top:280px;">
                        <ul style="margin-top: 25%; font-size: 15pt;">
```

```
                                   <li>Access the system anytime from anywhere</li>
                        </ul>
                </div>


        <div class="text-block-ben" style="margin-left: 53%; margin-top:280px;">
                <ul style="margin-top: 25%; font-size: 15pt;">
                        <li>Experience the best user-interface.</li>
                </ul>
                </div>


        </div>
</div>


</div>


</div>
<div class="aboutclr" id="About">
<center><h2 >About Us</h2></center>
<div class="profile" data-aos="zoom-in-right">
<div class="inp1">
        <img src="Images/Homepage/4.png" >
        <span class="cline"></span>
</div>
<div class="inp2">
        <p><span class="line"><b>Name:</b>Shaikh  Shadab  Ali  Murad  Ali</span><br><span
class="line"><b>Email:</b>ShaikhShadabali02@gmail.com</span><br><span
class="line"><b>Contact    No:</b>123547892</span><br><i    class="fab    fa-facebook"
style="font-size:  20pt;color:  blue;"></i><i   class="fab   fa-github"   style="font-size:
20pt;margin-left:   10px;"></i><i    class="fab    fa-twitter-square"    style="font-size:
20pt;color:#339af0;margin-left: 10px;"></i><i class="fab fa-linkedin" style="font-size:
20pt;color:#0077b5;margin-left: 10px;"></i></p>
</div>
</div>
<div class="profile1" data-aos="zoom-in-left">
<div class="inp2" ">
        <p><span   class="line"><b>Name:</b>Kazi    Obaid    Abdul    Aziz</span><br><span
class="line"><b>Email:</b>obaidkazi03@gmail.com</span><br><span  class="line"><b>Contact
No:</b>123547892</span><br><i   class="fab   fa-facebook"   style="font-size:  20pt;color:
blue;"></i><i class="fab fa-github" style="font-size: 20pt;margin-left: 10px;"></i><i
class="fab    fa-twitter-square"    style="font-size:    20pt;color:#339af0;margin-left:
10px;"></i><i class="fab fa-linkedin" style="font-size: 20pt;color:#0077b5;margin-left:
10px;"></i></p>
        <div class="inp1">
                <span class="cline"></span>
                <img src="Images/Homepage/4.png" style="margin-left: 18px;">
        </div>
</div>
</div>
<div class="profile2" data-aos="zoom-in-left">
<div class="inp1">
        <img src="Images/Homepage/4.png" >
```

```html
        <span class="cline"></span>
</div>


<div class="inp2">
        <p><span        class="line"><b>Name:</b>Shaikh        Roman</span><br><span
class="line"><b>Email:</b>ShaikhRomaan02@gmail.com</span><br><span
class="line"><b>Contact    No:</b>123547892</span><br><i    class="fab    fa-facebook"
style="font-size:  20pt;color:  blue;"></i><i  class="fab  fa-github"  style="font-size:
20pt;margin-left:    10px;"></i><i    class="fab    fa-twitter-square"    style="font-size:
20pt;color:#339af0;margin-left: 10px;"></i><i class="fab fa-linkedin" style="font-size:
20pt;color:#0077b5;margin-left: 10px;"></i></p>
</div>
<br>
</div>
<br>
</div>
<div id='cntct' style="width: 60%; float:left"></div>
<div id='contact' class='container' style="width: 39.6%; float:right">
<center><label style="font-size:20pt; width:90px;" id="contact">Contact</label></center>
<form method='post'>
<div>
    <input type="text" id="Uname" class="form-control" required />
    <label  for="Uname">Name</label>
</div><br>
<div>
    <input type="text" id="Ucontact" class="form-control" required />
    <label  for="Ucontact">Contact Number</label>
</div><br>
<div class="form-group">
    <input type="text" id="UEmail" class="form-control" required />
    <label  for="UEmail">Email</label>
</div>
<div class="form-group">
    <input type="text" id="USubj" class="form-control" required />
    <label  for="USubj">Subject</label>
</div>
<div class="form-group">
        <textarea    id="textrem"    placeholder="Enter    the    Your    message"
required=""></textarea>
        <h6 id="count_message" style="margin-right: 60px; text-align: right"></h6>
</div>
<div class="form-group">
        <input type='submit' name="submit" value='Send' class='btn btn-default'>
</div>
</form>


<div class="message_box" id='div1'> </div>


</div>


<a href="#" class="scrollToTop"><span class="glyphicon glyphicon-chevron-up"></span></a>
```

```html
<br>
<script src="Js/cquery.js"></script>
<script src="Js/misc.js"></script>
<script src="Js/aos.js"></script>
<script>
AOS.init();
// You can also pass an optional settings object
// below listed default settings
AOS.init({
// Global settings
disable: false, // accepts following values: 'phone', 'tablet', 'mobile', boolean,
expression or function
startEvent: 'DOMContentLoaded', // name of the event dispatched on the document, that AOS
should initialize on
initClassName: 'aos-init', // class applied after initialization
animatedClassName: 'aos-animate', // class applied on animation
useClassNames: false, // if true, will add content of `data-aos` as classes on scroll
// Settings that can be overriden on per-element basis, by `data-aos-*` attributes:
offset: 120, // offset (in px) from the original trigger point
delay: 300, // values from 0 to 3000, with step 50ms
duration: 500, // values from 0 to 3000, with step 50ms
easing: 'ease', // default easing for AOS animations
once: false, // whether animation should happen only once - while scrolling down
mirror: false, // whether elements should animate out while scrolling past them
anchorPlacement: 'top-bottom', // defines which position of the element regarding to
window should trigger the animation
});
$(document).ready(function(){
// Add smooth scrolling to all links
$("a").on('click', function(event) {
// Make sure this.hash has a value before overriding default behavior
if (this.hash !== "") {
  // Prevent default anchor click behavior
  event.preventDefault();
  // Store hash
  var hash = this.hash;
  // Using jQuery's animate() method to add smooth page scroll
  // The optional number (800) specifies the number of milliseconds it takes to scroll to
the specified area
  $('html, body').animate({
    scrollTop: $(hash).offset().top
  }, 800, function(){
    // Add hash (#) to URL when done scrolling (default click behavior)
    window.location.hash = hash;
  });
} // End if
});
});
$(document).ready(function(){
//Check to see if the window is top if not then display button
$(window).scroll(function(){
```

```
        if ($(this).scrollTop() > 100) {
            $('.scrollToTop').fadeIn();
        } else {
            $('.scrollToTop').fadeOut();
        }
    });
    //Click event to scroll to top
    $('.scrollToTop').click(function(){
        $('html, body').animate({scrollTop : 0},800);
        return false;
    });


    });
</script>
</body>
</html>
```

3.2.2)Login.php

```
<!DOCTYPE html>
<html>
<head>
<title>Login</title>
<link rel="stylesheet" href="Css/bootstrap.min.css">
<link rel="stylesheet" type="text/css" href="Css/glyphicon.css">
<link rel="stylesheet" type="text/css" href="Css/style.css">
<script src="Js/jquery-3.3.1.min.js"></script>
<script src="Js/bootstrap.min.js"></script>
<style>
        body{
                background-color: #2E8B57;
        }
        .main form div{
                position: relative;
        }
        .main form div#notvalid{
                margin-left: 30px;
                width: 270px;
                color: red;
        }
        .main form div span{
                position: absolute;
                top: 80px;
                pointer-events: none;
                left: 30px;
                transition: .3s;
        }
        .main input:focus ~span,
        .main input:valid ~span{
                right: 20;
                top: 60px;
                color: rgb(66,133,244);
                font-size: 12px;
```

```
                font-weight: bold;
        }
        .main1 form div{
                position: relative;
        }
        .main1 form div span#abc{
                position: absolute;
                top: 80px;
                pointer-events: none;
                left: 30px;
                transition: .3s;
        }
        .main1 input:focus ~span#abc,
        .main1 input:valid ~span#abc{
                right: 20;
                top: 60px;
                color: rgb(66,133,244);
                font-size: 12px;
                font-weight: bold;
        }
        .form-group {
                position: relative
        }
        .form-group input[type="password"] {
                padding-right: 30px
        }
        .form-group .glyphicon{
                right: 65px;
                position:absolute;
                top:82px;
        }
        span:hover{
                cursor: pointer;
        }
        input[type="submit"]:hover{
                cursor:pointer;
        }
</style>
</head>
<body>
<div class="main">
        <form method="post" action="">
                <fieldset>
                        <center><span   class="glyphicon   glyphicon-user   usercir   "
style="font-size:60px;"></span></center>
                        <center><label                          style="font-size:20pt;
width:90px;">Login</label></center>
                        <br>
                        <div>
                                <input   type="text"   name="uname"   class="inputText"
required/>
```

```
                              <span>Username</span>
                    </div>
                    <div id="notvalid"></div>
                    <br>
                    <a href="Register.php" class="ref btn btn-link" >Not a user?</a>
                    <input type="submit"  name="next1" value="Next" class='btn btn-
primary' style="width:200px">
             </fieldset>
      </form>
</div>


<?php
require_once'OOPHP/Login/alphabet.php';
if (isset($_POST['next1']))
{
       session_start();
       $uname=$_POST['uname'];
       $_SESSION['username']=$_POST['uname'];

       $res=$alphabet->checkimg($uname);

       while($r = mysqli_fetch_assoc($res)){
             $dbuser=$r['Username'];
       }
             if ($uname==$dbuser){
?>
                    <div class="main1">
                         <form method="post" action="">
                              <fieldset>

                                   <center>
                                        <div class="circle">
                                        <?php
                                        $var=$_SESSION['username'];
                                        $alph=$alphabet->checkalpha($var);
                                        $len=strlen($alph);
                                        if($len>1)
                                             echo   "<img   src=".$alph."
alt=".$alph.">";

                                        else{
                                             $fir=substr($var,0,1);
                                             $fir=strtoupper($fir);
                                        ?>
                                        <p           style="font-size:
38pt;"><?php echo"$fir";?></p>

                                        <?php
                                        }
                                        ?>
                                        </div>
                                   </center>
```

```html
<center><label        style="font-size:20pt;
width:90px;">Login</label></center>
<br>
<div class='form-group'>
        <input           id="password-field"
type="password"  name="upass" class="inputText" required>
        <span  class="glyphicon  glyphicon-
eye-open"></span>
        <span id='abc'>Password</span>
</div>
<div id="notvalid"></div>
<br>
<a href="securityques.php" class="ref1 btn
btn-link" >ForgotPassword?</a>


<br>
        <input  type="submit"  name="next2"
value="Login">
</fieldset>
<script>
        $(".glyphicon-eye-open").on("click",
function() {
                $(this).toggleClass("glyphicon-eye-
close");

                var    type    =    $("#password-
field").attr("type");

                if (type == "text"){
                        $("#password-
field").prop('type','password');}

                else{
                        $("#password-
field").prop('type','text'); }

                });

</script>
</form>
</div>

<style type="text/css">
        .main{
                display: none;
        }
</style>

<?php

}
else{
        ?>
        <script type="text/javascript">
        $(function () {
```

```php
                        $('#notvalid').html('<div>User         Name          is          not
available</div>').fadeIn().delay(1000).fadeOut();
                    });
            </script>
            <?php
            }
    }
    if(isset($_POST['next2'])){
                session_start();
                $uname=$_SESSION['username'];
                $upass=$_POST['upass'];
                $res=$alphabet->checkpass($uname,$upass);
                    while ($row=mysqli_fetch_assoc($res))
                    {
                            $dbname=$row['Username'];
                            $dbpass=$row['Password'];
                    }
                    if ($uname==$dbname&&$upass==$dbpass){
                            $UGrp=$alphabet->checkaccess($uname);
                            if($UGrp=='Admin'){
                                    header('Location:
http://localhost/OnlineTutorial/AdminDash.php');
                            }
                            else if($UGrp=='Faculty'){
                                    $logincheck=$alphabet->checklogin($uname);
                                    if($logincheck==''){
                                            header('Location:
http://localhost/OnlineTutorial/FirstLoginFC.php');
                                    }
                                    else{
                                            header('Location:
http://localhost/OnlineTutorial/FacultyDash.php');
                                    }
                            }
                            else{
                                    $logincheck1=$alphabet-
>checklogin1($uname);
                                    if($logincheck1==''){
                                            header('Location:
http://localhost/OnlineTutorial/SelectCourse.php');
                                    }
                                    else{
                                    header('Location:
http://localhost/OnlineTutorial/StudentDash.php');
                                    }
                            }
                    }
                    else{
                    ?>
                    <script type="text/javascript">
                    $(function () {
```

```
                                            $('#notvalid').html('<div>Username   and   password
didnt match</div>').fadeIn().delay(3000).fadeOut();
                                });
                                </script>
                        <?php
                        }
                }
?>
</body>
</html>
```

3.2.3)Register.php

```
<!DOCTYPE html>
<html>
<head>
<title>Register</title>
<link rel="stylesheet" type="text/css" href="Css/slide2.css">
<link rel="stylesheet" type="text/css" href="Css/bootstrap.css">
<script src="Js/jquery-3.3.1.min.js"></script>
<script src="Js/register.js"></script>
<script src="Js/misc.js"></script>
<style>
        textarea#addcheck{
        font-size: 16px;
        resize: none;
        height: 5em;
        transition: height .3s ease-out;
        }
        textarea:focus#addcheck{
        height: 9em;
        }
        .container{
        top: 5em;
        position: relative;
        background-color: white;
        box-shadow: 0 0 20px 0 rgba(0, 0, 0, 0.2), 0 5px 5px 0 rgba(0, 0, 0, 0.24);
        margin-bottom: 30pt;
        }
        .security{
        background: url(Images/Registration/bk_Reg.jpg);
        height: 620px;
        position: fixed;
        background-size: 100%;
        left: 0;
        right: 0;
        top: 0;
        z-index: -1;
        opacity: 0.7;
        background-repeat: no-repeat;
        }
        #submit:hover{
        cursor:pointer;
```

```html
        }
</style>
</head>
<body>
<div class='security'></div>
<div class="container col-lg-9 col-md-6 col-sm-4 ">
<form method="post" id="sign" action="" enctype="multipart/form-data">
        <fieldset class="col-lg-12 col-md-6 col-sm-6">
                <center>
                        <legend>
                                Registration
                        </legend>
                </center>
                <div class="form-group" >
                        <input  type="text"  id="user"  name="user"   class="form-control"
required=""  placeholder="Username">
                        <br>
                        <span id="usererr"></span>
                        </div>
                        <div class="form-group">
                        <input type="password" id="pass" name="pass"  class="form-control"
        required="" placeholder="Password" onkeyup="return passwordChanged();"/>
                        <span id="strength"></span>

                </div>
                        <div class="form-group">
                        <input   type="password"   id="cpass"        class="form-control"
required="" placeholder="Confirm Password" />
                        <br>
                        <span id="cpasserr"></span>
                </div>
                <div class="form-inline">
                        <input   type="text"   name="fname"      class="form-control   "
style="width:32%;" required="" placeholder="First Name" />
                        <input      type="text"      name="mname"      class="form-control"
style="margin-left: 2%;width: 32%;"  placeholder="Middle Name">
                        <input      type="text"      name="lname"      class="form-control"
style="margin-left: 2%;width: 32%;" placeholder="Last Name">
                </div>
                <div class="form-group">
                        <input      type="email"      name="emailid"     class="form-control"
style="margin-top: 2%;" required="" placeholder="Email ID"
                        pattern="[a-z0-9._%+-]+@[a-z0-9.-]+\.[a-z]{2,3}" title="Email  is
in Not valid form" id="semail">
                        <br>
                        <span id="emailmsg" ></span>
                        <small  class="form-text">We'll never share your email with anyone
else.</small>
                </div>
                <div class="form-group">
```

```html
                    <input    type="tel"    name="contactno"    class="form-control"
required="" placeholder="Contact Number" pattern="^[789]\d{9}$" title="Contact Number is
invalid">
            </div>
            <div class="form-group">
                    <textarea    name="address"  id="textrem"  placeholder="Address"
class="form-control noresize" style="margin-top:2%;"></textarea>
                    <h6 id="count_message" style="text-align: right;" ></h6>
            </div>
            <div class="form-group">
                    <label for="dob">Date Of Birth</label>
                    <input type="date" name="dob" class="form-control"></input>
            </div>
            <div class="form-group">
                    <select name="question" class="form-control" required="">
                            <option value="">Security Question</option>
                            <option  value="What  is  Your  Pet  Name">What  is  Your  Pet
Name</option>
                            <option value="What is Your Car Numbers">What is Your Car
Number</option>
                            <option value="What is the first name of your best friend
in high school">What is the first name of your best friend in high school?</option>
                    </select>
            </div>
            <div class="form-group">
                    <input    type="text"    name="answer"    class="form-control"
placeholder="Answer">
            </div>
            <div class="form-group">
                    <label for="pp">Profile Picture</label>
                    <input type="file" name="uploadimage"  class="form-control">
            </div>
                    <input    type="submit"    id="submit"    class="btn    btn-primary"
value="Register">
                    <div id="regmsg"></div>
                    <br>
        </fieldset>
</form>
</div>
<script type="text/javascript">

function passwordChanged() {
        var strength = document.getElementById('strength');
        var   strongRegex   =   new   RegExp("^(?=.{8,})(?=.*[A-Z])(?=.*[a-z])(?=.*[0-
9])(?=.*\\W).*$", "g");
        var   mediumRegex   =   new   RegExp("^(?=.{7,})(((?=.*[A-Z])(?=.*[a-z]))|((?=.*[A-
Z])(?=.*[0-9]))|((?=.*[a-z])(?=.*[0-9]))).*$", "g");
        var enoughRegex = new RegExp("(?=.{6,}).*", "g");
        var pwd = document.getElementById("pass");
        if (pwd.value.length==0) {
                strength.innerHTML = 'Type Password';
```

```
                }
        else if (false == enoughRegex.test(pwd.value)) {
                strength.innerHTML = 'More Characters';
        }
        else if (strongRegex.test(pwd.value)) {
                strength.innerHTML = '<span style="color:green">Strong!</span>';
        }
        else if (mediumRegex.test(pwd.value)) {
                strength.innerHTML = '<span style="color:orange">Medium!</span>';
        }
        else {
        strength.innerHTML = '<span style="color:red">Weak!</span>';
        }
}
</script>
</body>
</html>
```

3.2.4.0)Forget Password

```php
<?php
require'OOPHP/Login/alphabet.php';
session_start();
if(isset($_SESSION['username']))
{
$user1=$_SESSION['username'];
?>
<!DOCTYPE html>
<html>
<head>
<title>Security Question</title>
<link rel="stylesheet" type="text/css" href="Css/bootstrap.css">

    <script src="Js/jquery-3.3.1.min.js"></script>
<style type="text/css">
.security{
        background: url(Images/Reset/Forgot.jpg);
        height: 620px;
        position: fixed;
        background-size: 100%;
        left: 0;
        right: 0;
        z-index: -1;
        opacity: 0.3;
        background-repeat: no-repeat;
}
.container{
top: 10em;
position: relative;
box-shadow: 0 0 20px 0 rgba(0, 0, 0, 0.2), 0 5px 5px 0 rgba(0, 0, 0, 0.24);
width: 30%;

}
```

```
legend{
        text-align: center;
}
</style>
</head>
<body>
        <div class="security">
        </div>
        <div class="container">
                <form  method="post" action="securityques.php" >
                        <fieldset class="col-lg-12 col-md-6 col-sm-6">
                                <legend>
                                        Seems that you have Forgotten Your Password!
It happens relax
                                </legend>
                        <div class="form-group">
                                <label     ><?php         echo      "Username:
<b>".$_SESSION['username']."<b>"?></label>
                                <select    name="rquestion"    class="form-control"
required="">
                                        <option value="">Security Question</option>
                                        <option value="What is Your Pet Name">What
is Your Pet Name</option>
                                        <option    value="What    is   Your   Car
Numbers">What is Your Car Number</option>
                                        <option value="What is the  first name of
your best friend in high school">What is the first name of your best friend in high
school?</option>
                                </select>
                        </div>
                        <div class="form-group">
                                <input   type="text"  name="ranswer"   class="form-
control" placeholder="Answer">
                        </div>
                        <div id="notvalid"></div>
                        <br>
                                <input   type="submit"  name="submit"  class="form-
control btn btn-primary" value="Send">
                        </fieldset>
                        <br>
                </form>
        </div>

</body>
</html>
<?php
error_reporting(0);
if(isset($_POST['submit'])){
        $que=$_POST['rquestion'];
        $ans=$_POST['ranswer'];
        $res=$alphabet->question($que,$ans,$user1);
```

```
while ($row=mysqli_fetch_array($res)) {
        $dbque=$row['Quest'];
        $dbans=$row['Ans'];
}
if ($que==$dbque&&$ans==$dbans) {
        $_SESSION['que']=$que;
        $_SESSION['ans']=$ans;
        header('Location: OOPHP/Login/reset.php');
}
else
{
?>
        <script type="text/javascript">
                $(function () {
                        $("#notvalid").html("<div  style='color:red;'>YOUR  QUESTION  ANS
ANSWER IS WRONG</div>").fadeIn().delay(1000).fadeOut();
                });
        </script>
                <?php
}}}
else
{
header('Location: http://localhost/OnlineTutorial/login-form.php');
}
?>
```

3.2.4.1)Reset Password

```
<!DOCTYPE html>
<html>
<head>
        <title> Reset Password</title>
                <link rel="stylesheet" type="text/css" href="../../Css/bootstrap.css">
                <link rel="stylesheet" type="text/css" href="../../Css/glyphicon.css">
                <link rel="stylesheet" type="text/css" href="../../Css/style.css">
                <script src="../../Js/jquery-3.3.1.min.js"></script>
                <style type="text/css">
                        body{
                            background-color: #2E8B57;
                         }
                        .main1 form div
                        {
                                position: relative;
                        }
                        .main1 form div span#abc
                        {
                                position: absolute;
                                top: 100px;
                                pointer-events: none;
                                left: 30px;
                                transition: .3s;
                        }
                        .main1 input:focus ~span#abc,
```

```
                        .main1 input:valid ~span#abc
                        {
                                right: 20;
                                top: 90px;
                                color: rgb(66,133,244);
                                font-size: 12px;
                                font-weight: bold;
                        }
                        .form-group {
                                position: relative
                        }
                        .form-group input[type="password"] {
                                padding-right: 30px
                        }
                        .form-group .glyphicon{
                                right: 65px;
                                position:absolute;
                                top:82px;
                        }
                        span:hover{
                                cursor: pointer;
                        }
                        input[type="submit"]:hover{
                                cursor:pointer;
                        }
                </style>
</head>
<?php
require_once'alphabet.php';
session_start();
$user1=$_SESSION['username'];
if(isset($_SESSION['username']))
{

                $user=$_SESSION['username'];
                $rques=$_SESSION['que'];
                $rans=$_SESSION['ans'];
                $res=$alphabet->reset($user,$rques,$rans);
                while ($row=mysqli_fetch_assoc($res))
                {
                        $dbuser=$row['Username'];
                        $dbques=$row['Quest'];
                        $dbans=$row['Ans'];
                }
                if($user==$dbuser&&$rques==$dbques&&$rans==$dbans)
                {
?>
        <body>
                <div class="main1">
                        <form method="post" action='reset.php'>
                                <fieldset>
```

```
<center>
	<div class="circle">
<?php
	$var=$dbuser;
	$alph=$alphabet->checkalpha2($var);
	$len=strlen($alph);
	if($len>1&&$alph!='../../')
	{
		echo	"<img	src=".$alph."
alt=".$alph.">";
	}
	else
	{
		$fir=substr($var,0,1);
?>
			<p		style="font-size:
45pt;"><?php echo"$fir";?></p>
<?php
	}
?>
	</div>
</center>

<center>
	<label	style="font-size:17pt;	width:200
px;">Reset Password</label>
</center>

<br>
<div>
	<br>
	<input id="password-field" type="password"
name="repass" class="inputText" style="">required/>
	<span		toggle="#password-field"
class="toggle-password glyphicon glyphicon-eye-open " style="left:-20px;"></span>

	<span id="abc">Password</span>
</div>
<br>
<input type="submit" name="next2" value="Reset">
</fieldset>
</form>

<script>
	$(".glyphicon-eye-open").on("click", function() {
		$(this).toggleClass("glyphicon-eye-close");
		var type = $("#password-field").attr("type");
		if (type == "text"){
			$("#password-
field").prop('type','password');}
		else{
```

```
                                                $("#password-field").prop('type','text'); }
                                        });
                        </script>
                </div>
        </body>
<?php
}
}
?>
<?php
                if(isset($_POST['next2']))
                {
                        $repass=$_POST['repass'];
                        $res=$alphabet->updatepass($repass,$user1);
                        if($res)
                        {
                                session_destroy();
                                header('Location:   http://localhost/OnlineTutorial/login-
form.php');


                        }
                        else {
                                session_destroy();
                                header('Location:
https://localhost/OnlineTutorial/index.html');
                        }
                }

?>
</html>
```

3.2.5.0)Admin Dashboard

```
<?php
session_start();
if (isset($_SESSION['username'])) {
?>
<!DOCTYPE html>
<html>
<head>
<title>Student Dashboard</title>
<link rel="stylesheet" type="text/css" href="Css/bootstrap.css">
<script src="Js/jquery-3.3.1.min.js"></script>
<script src="Js/loadPage.js"></script>

<style type="text/css">
        *{
                margin: 0;
                padding: 0;
        }
        #side{
                position: fixed;
                width: 200px;
```

```css
        height: 100%;
        background-color: black;
        color: white;
        left: -200px;
        transition: all 500ms linear;
}
#side.active{
        left: 0px;
}
button{
        text-align: left;
        background-color:#343a40;
        width: 200px;
        height: 60px;
        color: white;
        border: 1px solid #4f5f5f;
        margin-bottom: 0px;
        font-size: 14pt;


}
button:hover{
        background-color: orange;
        cursor: pointer;
}
#side ul li{
        background-color: rgba(255,255,255,255,0.5);
        list-style: none;
        padding: 15px 10px;
        border-bottom: 2px solid rgba(100,100,100,0.9);
}
#side .toggle {
        position: absolute;
        left: 205px;
        top: 20px;
}
#side .toggle span{
        display: block;
        width: 33px;
        height: 5px;
        background-color: white;
        margin: 3px 0px;
}
#content{
        margin-left: 12%;
        height: 90%;
        width: 80%;
        margin-right: 10px;
}
.toggle span:hover{
        cursor: pointer;
```

```
        }
</style>
</head>
<body>
<div id="side" class="bg-dark" style="width: 18%; float:left">
<div class="toggle" onclick="toggleside()">
        <span></span>
        <span></span>
        <span></span>
</div>
<ul>
        <br>
        <button id='AdPF'>My Profile</button>
        <button id='AdFC'>Enroll Faculty</button>
        <button id='AdPR'>Password Reset</button>
        <button onClick="javascript:location.href='Logout.php'">Logout</button>
</ul>
</div>
<div id ="content" style="width: 80%; float:right">
        <img src='Images/Bkc.jpg' />
</div>


<script type="text/javascript">
        function toggleside() {
                document.getElementById('side').classList.toggle('active');
        }
</script>
<?php
}
?>
</body>
</html>
```

3.2.5.1)Admin Profile

```
<?php
session_start();
if (isset($_SESSION['username'])) {
require_once 'OOPHP/Profile/profile.php';
$name=$_SESSION['username'];
$res = $profile->pfselect($name);
if($res){
        while ($row=mysqli_fetch_array($res)) {
                $Fname=$row['Fname'];
                $Mname=$row['Mname'];
                $Lname=$row['Lname'];
                $phno=$row['ContactNo'];
                $ad=$row['Address'];
                $dob=$row['DOB'];

?>
<!DOCTYPE html>
<html>
<head>
<title>
        Profile
</title>
<link rel="stylesheet" type="text/css" href="Css/bootstrap.css">
<link rel="stylesheet" type="text/css" href="Css/slide2.css">
 <script src="Js/jquery-3.3.1.min.js"></script>
```

```
 <script src="Js/editable.js"></script>
<style type="text/css">
img{
        width: 200px;
        height: 200px;
}
.form-inline#abc .form-control{
        border-right: 1;
        border-left: 1;
        border-top: 1;
        border-bottom:3;
}
.form-inline#abcd .form-control{
        border-right: 0;
        border-left: 0;
        border-top: 0;
}
.container{
top: 1em;
position: relative;
background-color: white;
box-shadow: 0 0 20px 0 rgba(0, 0, 0, 0.2), 0 5px 5px 0 rgba(0, 0, 0, 0.24);
margin-bottom:20pt;
}
input[type='text']:read-only {
        background-color: white;
}
p#imgabc{
        font-size: 100pt;
        margin-top: 50pt;
        margin-left: 40px;
        border-radius: 50%;
        height: 100px;
        width: 200px;
}
</style>
</head>
<body>
<div class="container">
        <div class="profile" style="border: 0px;margin-left: 0px;width: 90%">
                <div class="inp1" style="margin-left: 0px">
                        <?php
                        $alph=$row['Image'];
                        $len=strlen($alph);
                        if($len>1)
                                echo "<img src=".$alph." alt=".$alph.">";
                        else{
                                $fir=substr($name,0,1);
                                $fir=strtoupper($fir);
                                ?>
                        <p id='imgabc' style=""><?php echo"$fir";?></p>
                        <?php
                        }
                        ?>
                </div>
                <div class="inp2" style="margin-top: 30px;margin-left: 140px;font-size:
13pt;">
                        <span ><b>Username:</b><input type="text" class="form-control "
style="width:120%;outline:    0;border-width:    0    0    3px;"    value="<?php
echo"".$row['Username'].""?>" readonly />
                        <b>Email ID:</b>
                        <span><input    type="text"    class="form-control    "
style="width:120%;outline:    0;border-width:    0    0    3px;"    value="<?php
echo"".$row['EmailID'].""?>" readonly />
                        </span>
                </div>
        </div>

        <label><b>First    name</b></label><label    style="margin-left:    27%;"><b>Middle
Name</b></label><label style="margin-left:25%;"><b>Last Name</b></label>
        <div class="form-inline" id=abc>
                <input type="text"  class="form-control " style="width:32%;" value="<?php
echo"".$row['Fname'].""?>" readonly />
                <input type="text"  class="form-control" style="width: 32%;margin-left:
2%;" value="<?php echo"".$row['Mname'].""?>" readonly>
                <input type="text"  class="form-control" style="width: 32%;margin-left:
2%;" value="<?php echo"".$row['Lname'].""?>" readonly>
```

```
        </div>
        <br>
        <label><b>Email     ID</b></label><label     style="margin-left:     50%;"><b>Contact
No</b></label>
        <div class="form-inline" id=abcd>
                <input type="text"   class="form-control " style="width:40%;" value="<?php
echo"".$row['EmailID']."";?>" readonly />
                <input  type="text"    class="form-control"  style="margin-left:15%;width:
45%;" value="<?php echo"".$row['ContactNo']."";?>" readonly>
        </div>
        <br>
        <div class="form-group" id=abcd>
        <label><b>Address</b></label>
                <textarea     class="form-control  noresize"  style="margin-top:1%;margin-
left:  0px;background-color:  white;"  placeholder="<?php  echo"".$row['Address']."";?>"
readonly></textarea>
        </div>
        <label><b>Date   Of   Birth</b></label><label   style="margin-left:   47%;"><b>Age
</b></label>
        <div class="form-inline" id=abcd>
                <input type="text"   class="form-control " style="width:40%;" value="<?php
echo"".$row['DOB']."";?>" readonly />
                <input  type="text"    class="form-control"  style="margin-left:15%;width:
45%;" value="<?php echo"".$row['Age']."";?>" readonly>
        </div>
        <?php
        }
}
}
?>
<br>
</div>
</body>
</html>
```

3.2.5.2)Admin Reset Password

```
<!DOCTYPE html>

<html>

<head>

<title>Reset</title>

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

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

<script src="Js/jquery-3.3.1.min.js"></script>

<style type="text/css">

.container{

top: 2em;

position: relative;

box-shadow: 0 0 20px 0 rgba(0, 0, 0, 0.2), 0 5px 5px 0 rgba(0, 0, 0, 0.24);

width: 100%;

}

</style>

</head>

<body>

<div class="container">

        <form>

                <br>

                <div class="form-inline">

                        <input      type="text"      name="search"      id="textsearch"
placeholder="Search..." class="form-control" style="width: 80%;">

                        <button   type="button"   class="btn   btn-primary"   id="search"
style="margin-left: 30px;width: 15%;">

                <span class="glyphicon glyphicon-search"></span> Search

                </button>
```

```
                </div>
                <br>
                <div id="result" style="display:none;"></div>
        </form>
        <br>
</div>
</body>
<script>
$(document).ready(function(){
load_data();
function load_data(query){
$.ajax({
url:"FetchFC.php",
method:"POST",
data:{name:query},
success:function(data){
        $('#result').html(data);
}
});
}
$('#search').click(function(){
        var search = $("#textsearch").val();
        $('#result').show();
        if(search != ''){
                load_data(search);
        }
        else{
                load_data();
        }
});
});
</script>
</html>
```

3.2.6.0)Faculty First Login

```
<!DOCTYPE html>
<html>
<head>
<title>Login</title>
<link rel="stylesheet" type="text/css" href="Css/bootstrap.css">
<script src="Js/jquery-3.3.1.min.js"></script>
<script src="Js/Facultydet.js"></script>
<style type="text/css">
.security{
        background-color: lightgrey;
        height: 620px;
        position: fixed;
        background-size: 100%;
        left: 0;
        right: 0;
        z-index: -1;
        opacity: 0.2;
}
.container{
        top: 14em;
        position: relative;
        box-shadow: 0 0 20px 0 rgba(0, 0, 0, 0.5), 0 5px 5px 0 rgba(0, 0, 0, 0.24);
        width: 30%;
}
.change{
```

```
}
</style>
</head>
<body>
<div class="security"></div>
<div class="change">
<div class="container">
        <form method="post" id="sign" action="">
        <?php
        session_start();
        if (isset($_SESSION['username'])) {
                $uname=$_SESSION['username'];


        ?>
                <legend style="text-align: center;">
                                Change Password
                </legend>
                <div class="form-group">
                                <input              type="password"              name="fcpass"
placeholder="Password" class="form-control" required="">
                </div>
                <div class="form-group">
                                <input          type="password"          name="fcrepass"
placeholder="Confirm Password" class="form-control" required="">
                </div>
                <button  id='change'name="change"  value="Change"  class="btn  btn-primary
form-control" onClick="javascript:location.href='FacultyDash.php'">Change</button>
                <br><br>
                </form>
</div>
</div>
<?php
}
?>
</body>
</html>
```

3.2.6.1)Create course

```
<!DOCTYPE html>

<html>

<head>

<title>Faculty</title>

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

<link rel="stylesheet" type="text/css" href="Css/slide2.css">

<script src="Js/defCR.js"></script>

<style type="text/css">

textarea{

        margin-top: 2px;

        margin-left: 0px;

        font-size: 16px;

        resize: none;

        height: 5em;

}

textarea:focus{

        transition: height .3s ease-out;

        height: 9em;

}

.course{

        margin-left: 20%;

        width: 50%;

        display: block;

        border: 1px solid black;
```

```
        box-shadow: 0 0 20px 0 rgba(0, 0, 0, 0.2), 0 5px 5px 0 rgba(0, 0, 0, 0.24);
        margin-bottom: 30pt;
        margin-top: 50pt;
}
</style>
</head>
<body>
        <form id="define" method="POST" class="course">
        <?php
        session_start();
        if (isset($_SESSION['username'])) {
                $uname=$_SESSION['username'];


        ?>
        <fieldset class="col-lg-12 col-md-6 col-sm-6">
                <center><legend>Course</legend></center>
                        <div class="form-group" >
                                <input   type="text"   name="cname"   class="form-control"
required="" placeholder="Course Name" />
                        </div>
                        <div class="form-group" >
                                <label for='cduration'>Duration</label>
                                <input  type="text"  name="cduration"  class="form-control"
required="" placeholder="Course Duration" />
                        </div>
                        <div class="form-group" >
                                <textarea    name="cout"    placeholder="Course    Outcome"
class="form-control noresize" required=""></textarea>
                        </div>
                        <div class="form-group">
                                <textarea    name="prereq"    placeholder="Pre    Requitise"
class="form-control noresize" required=""></textarea>
                        </div>
                <input type="submit" name="submit" class="btn btn-primary" value="Define">
                <div id="regmsg"></div>
                <br>
        </fieldset>
        </form>
        <?php
        }
        ?>
</body>
</html>
```

3.2.6.2)Faculty Define Course Syllabus

```
<?php

?>
<!DOCTYPE html>
<html>
<head>
<title>Register</title>
<link rel="stylesheet" type="text/css" href="Css/slide2.css">
<link rel="stylesheet" type="text/css" href="Css/bootstrap.css">
```

```
<script src="Js/jquery-3.3.1.min.js"></script>
<script src="ckeditor/ckeditor.js"></script>
<script src="Js/Cselect.js"></script>
<script src="Js/Syllabus.js"></script>
<style>
textarea#addcheck{
        font-size: 16px;
        resize: none;
        height: 5em;
        transition: height .3s ease-out;
}
textarea:focus#addcheck{
        height: 9em;
}
.container{
        top: 5em;
        position: relative;
        background-color: white;
        box-shadow: 0 0 20px 0 rgba(0, 0, 0, 0.2), 0 5px 5px 0 rgba(0, 0, 0, 0.24);
        margin-bottom: 30pt;
}

.security{
        background: url(Images/Registration/bk_Reg.jpg);
        height: 620px;
        position: fixed;
        background-size: 100%;
        left: 0;
        right: 0;
        top: 0;
        z-index: -1;
        opacity: 0.7;
        background-repeat: no-repeat;
}
</style>
</head>
<body>
<div class='security'>

</div>
<div class="container col-lg-9 col-md-6 col-sm-4 ">
        <form method="post" id="sign" action="" enctype="multipart/form-data">
                <fieldset class="col-lg-12 col-md-6 col-sm-6">
                        <center>
                                <legend>
                                        Select Course
                                </legend>
                        </center>
                                <?php
                                session_start();
                                require_once 'OOPHP/Course/Course.php';
                                if (isset($_SESSION['username'])) {
                                $uname=$_SESSION['username'];
                                $res1 = $Course->fccourse($uname);
                                if($res1)
                                {
                                        echo "<select name='cname' class='form-control'>";
                                        echo "<option>Select Course</option>";
                                        while($r = mysqli_fetch_assoc($res1)){
                                                echo    "<option    value=   ".   $r['CNAME']
.">".$r['CNAME']."</option>";
                                        }
                                        echo "</select>"."<br>";

                                }
                                ?>
                                <center>
                                <button  id='subm'  class="btn btn-primary"  value="Submit"
style='width:300pt;'>Select</button>
                        </center>
                        <br><br>
                        <div id="Contents" style="display:none">
                                <div class="form-group" >
                                <input   type="text"   name="chap1"   class="form-control"
placeholder="Chapter Name" />
                                </div>
                                <div class="form-group">
```

```
                                            <textarea    name="topic1"    placeholder="Topics"
class="form-control noresize" ></textarea>
                                    </div>
                                    <div class="form-group">
                                            <label for='editor1'>Enter The contents</label>
                                            <textarea    class="ckeditor"    name="editora"
style="margin-top:2%;"></textarea>
                                    </div>
                                    <div class="form-group">
                                            <label for="media">Upload Media</label>
                                            <input   type="file"   name="media1"   class="form-
control">
                                    </div>
                                    <div class="form-group">
                                            <input          type="text"          name="wt1"
placeholder="Weightage" maxlength="2" class="form-control" />
                                    </div>
                                    <center>
                                            <input  type="submit"  id="submitform"  class="btn
btn-primary" value="Submit" style='width:300pt;'>
                                    </center>
                            </div>
                                    <div id="regmsg"></div><br>
                    </fieldset>
        </form>
</div>
<?php
}
?>
</body>
</html>
```

3.2.6.3)Report

```
<!DOCTYPE html>

<html>

<head>

        <title>

                Student Report

        </title>

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

        <script src="Js/jquery.min.js"></script>

        <script src="Js/popper.min.js"></script>

        <script src="Js/bootstrap.min.js"></script>

</head>

<style type="text/css">

    .progress {

  height: 35px;

}

i{

    padding-left: 90%;

}

.progress{

    margin-top: 10px;

}

.bg{

    margin-top: 10px;

    border: 1px solid black;

}

</style>

</head>

<br>
```

```php
<body>
        <table class="table table-striped table-dark ">
  <thead>
    <tr class="bg-danger">
      <th scope="col">Roll NO</th>
      <th scope="col">Course ID</th>
      <th scope="col">Year</th>
      <th scope="col">Enroll Time</th>
      <th scope="col">Progress</th>
    </tr>
  </thead>
    <tbody>
<?php
$conn=mysqli_connect("localhost","root","","onlinetutorial");
session_start();
$name=$_SESSION['username'];
$sql="SELECT FID FROM  faculty WHERE Username='$name' ";
$res=mysqli_query($conn,$sql);
while ($row=mysqli_fetch_array($res)) {
        $fid=$row['FID'];
}
$sql="SELECT CID FROM teaches WHERE FID='$fid' ";
$res=mysqli_query($conn,$sql);
while ($row=mysqli_fetch_array($res)) {
        $cid=$row['CID'];
}
$sql1="SELECT * FROM takes WHERE CID='$cid' ";
$res1=mysqli_query($conn,$sql1);
while ($row1=mysqli_fetch_array($res1)) {
?>

    <tr>
      <td><?php echo $rno=$row1['RNO'];?></td>
      <td><?php echo $cid=$row1['CID'];?></td>
      <td><?php echo $year=$row1['Year'];?></td>
      <td><?php echo $enr=$row1['EnrollTime'];?></td>
      <?php $per=$row1['Percentage'];?>
        <?php
      if($per>=0&&$per<=25)
      {
        ?>
      <td>
        <div class="progress">
            <div   class="progress-bar  bg-danger  progress-bar-striped  progress-bar-
animated"        role="progressbar"   style="width:<?php  echo"".$per."";?>%;"><div><i
style="color: black;"><?php echo"".$per."";?>%</i></div>
              </div>
        </div>
     </td>
     <?php
     }
```

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```php
     else if($per>25&&$per<=50){
      ?>
      <td>
       <div class="progress">
            <div   class="progress-bar   bg-warning   progress-bar-striped   progress-bar-
animated"        role="progressbar"   style="width:<?php   echo"".$per."";?>%;"><div><i
style="color: black;"><?php echo"".$per."";?>%</i></div>
          </div>
        </div>
      </td>
      <?php
   }
     else if($per>50&&$per<=75){
      ?>
      <td>
       <div class="progress">
            <div   class="progress-bar     progress-bar-striped    progress-bar-animated"
role="progressbar"    style="width:<?php   echo"".$per."";?>%;"><div><i    style="color:
black;"><?php echo"".$per."";?>%</i></div>
          </div>
        </div>
      </td>
      <?php
   }
    else {
     ?>
       <td>
        <div class="progress">
            <div   class="progress-bar   bg-success   progress-bar-striped   progress-bar-
animated"        role="progressbar"   style="width:<?php   echo"".$per."";?>%;"><div><i
style="color: black;"><?php echo"".$per."";?>%</i></div>
          </div>
        </div>
      </td>
   <?php
   }
}
?>
  </tbody>
</table>


</body>
</html>
```

3.2.7.0)Student First Login

```html
<!DOCTYPE html>
<html>
<head>
     <title>Course</title>
     <link rel="stylesheet" type="text/css" href="Css/bootstrap.css">
     <script src="Js/jquery-3.3.1.min.js"></script>
```

```html
        <link rel="stylesheet" type="text/css" href="Css/bootstrap.css">
        <script src="Js/jquery-3.3.1.min.js"></script>
        <script src="ckeditor/ckeditor.js"></script>
        <script src="Js/Cselect.js"></script>
        <script src="Js/ChooseCO.js"></script>
        <style type="text/css">
                .row{
                        margin-top: 50px;
                        margin-left: 5%;
                }
        </style>
</head>
<body>
<div class="container-fluid">
        <form method="post" id="sign" action="" enctype="multipart/form-data">
                        <fieldset class="col-lg-12 col-md-6 col-sm-6">
        <legend>
                <center>Courses Overview</center>
        </legend>
        <div class="row">
                <?php
        require_once 'OOPHP/Course/Course.php';
        $res = $Course->scourse();
        if($res)
        {
                while ($row=mysqli_fetch_array($res)) {
                        $cname=$row['CName'];
                        $cout=$row['COutcome'];
                        $cdu=$row['CDuration'];
                        $cpre=$row['CPrereq'];
?>
                <div class="col-lg-6 col-sm-6" style="margin-top: 40px;">
                   <div class="card">
                     <div class="card-body">
                       <div class="button-container">
                        <h5 class="card-title"><b><?php echo "".$cname."";?></b></h5>
                        <p         class="card-text"><b>Course         Duration</b>:<?php
echo"".$cdu."";?></p>
                        <p     class="card-text"><b>Course    Outcome</b>   :    <?php
echo"".$cout."";?></p>
                        <p   class="card-text"><b>Course   Pre-Requisitise</b>  :  <?php
echo"".$cpre."";?></p>
                        <center><button id='<?php echo $cname ?>' class="btn btn-primary"
value="Submit" style='width:300pt;'>Enroll for this course</button></center>
                        </div>
                      </div>
                    </div>
                  </div>
                  <?php
                }
        } ?>
```

```
            </div>
    </div>
    <br>
    <div class='security'></div>
    </body>
    </html>
    <script type="text/javascript">
    $("body").on( "click", ".button-container button", function(){
            var details=(this.id);
            var details = confirm("Are you sure you want to take "+details);
        if (details == true) {
            window.location.href                                         =
    "http://localhost/OnlineTutorial/OOPHP/Course/courseenroll.php?details=" + (this.id) ;
        } else {
        }
    });
    </script>
```

3.2.7.1)Current Course

```
<?php

?>
<!DOCTYPE html>
<html>
<head>
<title>Register</title>
<link rel="stylesheet" type="text/css" href="Css/slide2.css">
<link rel="stylesheet" type="text/css" href="Css/bootstrap.css">
<script src="Js/jquery-3.3.1.min.js"></script>
<script src="ckeditor/ckeditor.js"></script>
<script src="Js/Cselect.js"></script>
<script src="Js/Syllabus.js"></script>
<style>
textarea#addcheck{
        font-size: 16px;
        resize: none;
        height: 5em;
        transition: height .3s ease-out;
}
textarea:focus#addcheck{
        height: 9em;
}
.container{
        top: 5em;
        position: relative;
        background-color: white;
        box-shadow: 0 0 20px 0 rgba(0, 0, 0, 0.2), 0 5px 5px 0 rgba(0, 0, 0, 0.24);
        margin-bottom: 30pt;
}
.security{
        background: url(Images/Registration/bk_Reg.jpg);
```

```
                height: 620px;
                position: fixed;
                background-size: 100%;
                left: 0;
                right: 0;
                top: 0;
                z-index: -1;
                opacity: 0.7;
                background-repeat: no-repeat;
        }
        input[type='button']{
                text-align: center;
                background-color:#343a40;
                width: 100px;
                height: 50px;
                color: white;
                border: 1px solid #4f5f5f;
                margin-bottom: 0px;
                font-size: 14pt;
                border-radius: 5px;
        }
        input[type='button']:hover{
                background-color: orange;
                cursor: pointer;
        }
        </style>
        </head>
        <body>
        <div class='security'></div>
        <div class="container col-lg-9 col-md-6 col-sm-4 ">
                                    <table class="table" id='example'>
                                    <tr>
                                            <th>Topic</th>
                                            <th>Weightage</th>
                                            <th>Name</th>
                                    </tr>
                            <?php
                                    require_once 'OOPHP/Course/Showcourse.php';
                                    session_start();
                                    $uname=$_SESSION['username'];
                                    $res2=$Showcourse->getroll($uname);
                                    while ($row=mysqli_fetch_assoc($res2)) {
                                            $topic=$row['Topic'];
                                            $cont=$row['content'];
                                            $wt=$row['Weightage'];
                                            $name=$row['Name'];
                                            $med=$row['Media'];

                            ?>
                                    <tr ">
                                    <td><?php echo"".$topic."";?></td>
```

```
                                        <td><?php echo"".$wt.""; ?></td>
                                        <td ><?php echo"".$name.""; ?></td>
                                        <td><input    value='Get    Details'    type='button'
class='theButton' id='ma' onclick='test()'></td>
                                        </tr>
                                        <?php
                            }
                                        ?>
                                </table>
                        </div>
                        <div id="regmsg"></div>
                        <br>
            </fieldset>
</form>
</div>
</body>
</html>
<script type="text/javascript">
function test(){
$(document).find('.theButton').on('click',function(){
var age = $(this).parents('tr:first').find('td:eq(0)').text();
window.open( "http://localhost/OnlineTutorial/Contents.php?age=" + age,'_blank') ;
});
}
</script>
```

3.2.7.2)Course Contents

```
<!DOCTYPE html>
<html>
<head>
<title></title>
<link rel="stylesheet" type="text/css" href="Css/bootstrap.css">
<style type="text/css">
body{
        background-color: #DEB887;
}
.abc{
        top: 5em;
        position: relative;
        background-color: white;
        box-shadow: 0 0 20px 0 rgba(0, 0, 0, 0.2), 0 5px 5px 0 rgba(0, 0, 0, 0.24);
        margin-bottom: 30pt;
        margin-left: 100pt;
        width: 80%;
}
</style>
</head>
<body >
<?php
session_start();
if (isset($_SESSION['username'])) {
        $CTopic=$_GET['age'];
```

```php
        require_once 'OOPHP/Course/Showcourse.php';
        $res2=$Showcourse->getcontent($CTopic);
        while ($row=mysqli_fetch_assoc($res2)) {
                $cont=$row['content'];
                $med=$row['Media'];
        }
?>
<div class='abc'>
<?php
                          echo $cont;
                          ?>
              <center>
                     <video width="50%" height="500" controls>
                                 <source     src="<?php    echo    ''.$med.''?>"
type="video/mp4">
                     </video>
              </center>
              <center>
                     <div            class="alert            alert-info"><a
href="StudentDash.php">Click here to go back</a></div>
              </center>
</div>
<?php


}


?>
</body>
</html>
```

3.2.8) Backend Code php

Database Connectivity

```php
<?php
class Database{

      public $connection;

      function __construct()
      {
             $this->connect_db();
      }

      public function connect_db(){
             $dbhost='localhost';
             $dbuser='root';
             $dbpass='';
             $dbname='OnlineTutorial';
             $this->connection = mysqli_connect($dbhost, $dbuser, $dbpass, $dbname);
             if(mysqli_connect_error()){
                    die("Database  Connection  Failed"  .  mysqli_connect_error()  .
mysqli_connect_errno());
                 }
      }

}
$database = new Database();
?>
```

Contact

```php
<?php
require_once('DB.php');
```

```php
        class Cquery extends Database{

                function __construct()
                {
                        $this->connect_db();
                        $this->squery();

                }

                 public function squery(){

                        $name = $_POST['Uname'];
                        $contact = $_POST['Ucontact'];
                        $email = $_POST['UEmail'];
                        $subject = $_POST['USubj'];
                        $message = $_POST['textrem'];

                        $sql = "INSERT INTO `enquiry` (ID,Name, Contact, Email, Subject,
Mesg,Time,GroupName)    VALUES    ('','$name',    '$contact',    '$email',    '$subject',
'$message',Now(),'Admin')";
                        $res = mysqli_query($this->connection, $sql);
                        if($res){
                                echo "<span style='color:green; font-weight:bold;'>
                                Thank  you  for  contacting  us,  we  will  get  back  to  you
shortly.
                                </span>";
                        }else{
                                echo "<span style='color:red; font-weight:bold;'>
                                Sorry! Your form submission is failed.
                                </span>";
                        }
                }
        }

$Cquery=new Cquery();
?>
```

Registration

```php
<?php
require_once'DB.php';

class Register extends Database{

        function __construct()
        {
                $this->connect_db();
                $this->sregister();
        }

        function sregister(){
                if($_POST)
                {
                        $uname=$_POST['user'];
                        $upass=$_POST['pass'];
                        $fname=$_POST['fname'];
                        $mname=$_POST['mname'];
                        $lname=$_POST['lname'];
                        $email=$_POST['emailid'];
                        $phno=$_POST['contactno'];
                        $add=$_POST['address'];
                        $dob=$_POST['dob'];
                        $squest=$_POST['question'];
                        $ans=$_POST['answer'];

                        //Age Logic
                        $ndob=substr($_POST['dob'],0,4);
                        $cdate=date('Y-m-d');
                        $today=substr($cdate,0,4);
                        $age=$today-$ndob;


                        //Images
                        date_default_timezone_set('Asia/Kolkata');
                        $file_name=$_FILES["uploadimage"]["name"];
                        $temp_name=$_FILES["uploadimage"]["tmp_name"];
```

```php
                            $imgtype=$_FILES["uploadimage"]["type"];
                            $imagename=$uname.'_'.date("d-m-y");
                            $directory="../../Images/User/Student/". $uname ."/";
                            if(!is_dir($directory)) {
                            mkdir($directory,"0777",true);
                            }
                            $directory2="Images/User/Student/". $uname ."/";
                            $target_path                                              =
$directory.$imagename.image_type_to_extension(IMAGETYPE_PNG);
                            if(move_uploaded_file($temp_name, $target_path))
                            {

        $target_path2=$directory2.$imagename.image_type_to_extension(IMAGETYPE_PNG);
                                    $sql="INSERT                    INTO                    users
(Username,Password,Fname,Mname,Lname,EmailID,ContactNo,Address,DOB,Age,Image,Quest,Ans,C
reationTime,LastModified)                                                               VALUES
('$uname','$upass','$fname','$mname','$lname','$email','$phno','$add','$dob','$age','$ta
rget_path2','$squest','$ans',now(),now())";

                                    $sql1="INSERT  INTO  belongs  (Username,GroupName)  VALUES
('$uname','Student')";

                                    $res=mysqli_query($this->connection,$sql);
                                    $res1=mysqli_query($this->connection,$sql1);
                                    if($res)
                                    {
                                            echo 'true';
                                    }
                                    else
                                    {
                                            echo 'false';
                                    }
                            }
                            else if(!move_uploaded_file($temp_name, $target_path))
                            {
                                    $sql="INSERT                    INTO                    users
(Username,Password,Fname,Mname,Lname,EmailID,ContactNo,Address,DOB,Age,Quest,Ans,Creatio
nTime,LastModified)                                                                     VALUES
('$uname','$upass','$fname','$mname','$lname','$email','$phno','$add','$dob','$age','$sq
uest','$ans',now(),now())";

                                    $sql1="INSERT  INTO  belongs  (Username,GroupName)  VALUES
('$uname','Student')";

                                    $res=mysqli_query($this->connection,$sql);
                                    $res1=mysqli_query($this->connection,$sql1);
                                    if($res)
                                    {
                                            echo 'true';
                                    }
                                    else
                                    {
                                            echo 'false';
                                    }
                            }
                            else
                            {
                                    echo "false";
                            }
                    }
                    else
                    {
                            echo 'false';
                    }
            }
}
$Register=new Register();
?>
```

Faculty Details

```php
<?php
require_once'DB.php';

class FCins extends Database{

        function __construct()
        {
```

```php
            $this->connect_db();
            $this->Fdtins();
    }

    function Fdtins(){
            if($_POST)
            {
                    session_start();
                            $uname=$_SESSION['username'];
                            $designation=$_POST['des'];
                            $department=$_POST['dep'];
                            $qualification=$_POST['qua'];
                            $specialization=$_POST['special'];
                            $experience=$_POST['exp'];

                            $sqlf="SELECT    dept_id    from    department    where
dept_name='$department'";
                            $res=mysqli_query($this->connection,$sqlf);
                            while ($row=mysqli_fetch_array($res)) {
                                    $deptID=$row['dept_id'];
                            }


                            $sql2="INSERT                    into                    Faculty
(FID,Designation,Qualification,Specialization,Experience,DOJ,dept_id,LastModified,Userna
me)                                                                                values
('','$designation','$qualification','$specialization','$experience',CURDATE(),'$deptID',
now(),'$uname')";

                            $res2=mysqli_query($this->connection,$sql2);
                            if($res2)
                            {
                                    echo 'true';
                            }
                            else
                            {
                                    echo 'false';
                            }

            }
            else
            {
                    echo 'false';
            }
    }
}
$FCins=new FCins();
?>
```

Course

```php
<?php
require_once('DB.php');

    class Course extends Database{

            function __construct()
            {
                    $this->connect_db();

            }

             public function scourse(){

                    $sql = "SELECT * FROM `course`";
                    $res = mysqli_query($this->connection, $sql);
                    return $res;
            }

            public function fccourse($uname){
                    $sql = "SELECT FID FROM faculty where Username='$uname'";
                    $res = mysqli_query($this->connection, $sql);
                    while($r = mysqli_fetch_assoc($res)){
                            $FID=$r['FID'];
                    }

                    $sql1 = "SELECT CNAME from Course where CID IN (SELECT CID FROM
teaches where FID='$FID')";
```

```php
                $res1 = mysqli_query($this->connection, $sql1);
                return $res1;
        }

        public function stcourse($uname){
                $sql = "SELECT RNO FROM student where Username='$uname'";
                $res = mysqli_query($this->connection, $sql);
                while($r = mysqli_fetch_assoc($res)){
                        $RNO=$r['RNO'];
                }

                $sql1 = "SELECT CNAME from Course where CID IN (SELECT CID FROM
takes where RNO='$RNO')";
                $res1 = mysqli_query($this->connection, $sql1);
                return $res1;
        }

         public function cntcourse($cname){

                $sql = "SELECT CID FROM `course` where CName='$cname'";
                $res = mysqli_query($this->connection, $sql);

                return $res;
        }

        public function CourseNM(){

                $sql = "SELECT CName FROM `Course`";
                $res = mysqli_query($this->connection, $sql);

                return $res;
        }

        public function DeptNM(){

                $sql = "SELECT dept_name FROM `department`";
                $res = mysqli_query($this->connection, $sql);

                return $res;
        }



        }
$Course=new Course();
?>
```

Course Enroll

```php
<?php
require_once('DB.php');

        class courseenroll extends Database{

                function __construct()
                {
                        $this->connect_db();
                        $this->chCourse();

                }

                public function chCourse(){
                        session_start();
                        $uname=$_SESSION['username'];


                        $CNAME=$_GET['details'];

                        echo $CNAME;

                        $sql1="select CID,dept_id from Course where CName='$CNAME'";


                        $res=mysqli_query($this->connection,$sql1);
                        while ($row=mysqli_fetch_array($res)) {
                                $CID=$row['CID'];
```

```php
                              $DEPTID=$row['dept_id'];
                      }

              $sql3="INSERT                  into                  student
(RNO,Year,DOA,dept_id,Username,Last_Modified)                        values
('',YEAR(CURDATE()),CURDATE(),'$DEPTID','$uname',now())";
              $res6=mysqli_query($this->connection,$sql3);


              $sql40="select MAX(RNO) from Student";
              $res40=mysqli_query($this->connection,$sql40);
              while ($row=mysqli_fetch_array($res40)) {
                      $RNO=$row['MAX(RNO)'];
              }


              $sql41="INSERT                  into                  takes
(RNO,CID,Year,Percentage,Grade,EnrollTime)                           values
('$RNO','$CID',YEAR(CURDATE()),'0','',now())";
              $res41=mysqli_query($this->connection,$sql41);


              if($res41)
              {
                      header('location: ../../StudentDash.php');
              }
              else
              {
                      echo 'false';
              }

      }


      }
$courseenroll =new courseenroll ();
?>
```

Course Schema

```php
<?php
require_once'DB.php';

class CSchema extends Database{

      function __construct()
      {
              $this->connect_db();
              $this->Schema();
      }

      function Schema(){
              if($_POST)
              {
                      session_start();
                      $uname=$_SESSION['username'];
                      $coursename=$_POST['cname'];
                      $duration=$_POST['cduration'];
                      $outcome=$_POST['cout'];
                      $requisit=$_POST['prereq'];

                      $sql0="select    dept_id    from    Faculty    where
username='$uname'";
                      $res0=mysqli_query($this->connection,$sql0);
                      while ($row=mysqli_fetch_array($res0)) {
                              $DID=$row['dept_id'];
                      }

                      $sql1="INSERT                  into                  Course
(CID,dept_id,CName,COutcome,CDuration,CPrereq,Last_Modified)              values
('','$DID','$coursename','$outcome','$duration','$requisit',now())";
                      $res=mysqli_query($this->connection,$sql1);


                      $sql2="select FID from Faculty where username='$uname'";
                      $res2=mysqli_query($this->connection,$sql2);
                      while ($row=mysqli_fetch_array($res2)) {
                              $FID=$row['FID'];
```

```php
                                }

                                $sql3="select MAX(CID) from Course";
                                $res3=mysqli_query($this->connection,$sql3);
                                while ($row1=mysqli_fetch_array($res3)) {
                                        $CID=$row1['MAX(CID)'];
                                }

                                $sql4="INSERT    into    Teaches    (CID,FID,Year)    values
('$CID','$FID',YEAR(CURDATE()))";
                                $res4=mysqli_query($this->connection,$sql4);

                                if($res4)
                                {
                                        echo 'true';
                                }
                                else
                                {
                                        echo 'false';
                                }

                }
                else
                {
                        echo 'false';
                }
        }
}
$CSchema=new CSchema();
?>
```

Show Course

```php
<?php
require_once('DB.php');

        class Showcourse extends Database{

                function __construct()
                {
                        $this->connect_db();

                }

                 public function getroll($uname){

                        $sql = "SELECT RNO FROM student WHERE Username='$uname'";
                        $res = mysqli_query($this->connection, $sql);
                        while ($row=mysqli_fetch_array($res)) {
                                $RNO=$row['RNO'];
                        }

                        $sql1 = "SELECT CID FROM takes where RNO='$RNO'";
                        $res1 = mysqli_query($this->connection, $sql1);
                        while ($row=mysqli_fetch_array($res1)) {
                                $CID=$row['CID'];
                        }


                        $sql2 = "SELECT Topic,content,Weightage,Name,Media FROM tutorial
where CID='$CID'";
                        $res2 = mysqli_query($this->connection, $sql2);
                        return $res2;
                }

                public function getcontent($CTopic){
                        $sql2 = "SELECT content,Media FROM tutorial where Topic='$CTopic'";
                        $res2 = mysqli_query($this->connection, $sql2);
                        return $res2;
                }


                }
$Showcourse=new Showcourse();
?>
```

Syllabus

```php
<?php
require_once'DB.php';

class Syllabus extends Database{

        function __construct()
        {
                $this->connect_db();
                $this->syl();
        }

        function syl(){
                if($_POST)
                {

                        $CNAME=$_POST['cname'];

                        $Chapter1=$_POST['chap1'];


                        $Topic1=$_POST['topic1'];


                        $Editor1=$_POST['editora'];


                        $Media1=$_POST['media1'];


                        $weight1=$_POST['wt1'];




                        $info = pathinfo($_FILES['media1']['name']);
                        $ext = $info['extension']; // get the extension of the file
                        $newname = $Topic1.".".$ext;
                        $directory = '../../MediaFiles/'.$CNAME.'/'.$Chapter1.'/';
                        if(!is_dir($directory)) {
                        mkdir($directory,"0777",true);
                        }
                        $directory2 = 'MediaFiles/'.$CNAME.'/'.$Chapter1.'/';
                        $target = $directory.$newname;
                        $target2 = $directory2.$newname;
                        move_uploaded_file( $_FILES['media1']['tmp_name'], $target);




                        $sql0="SELECT CID FROM Course where CName='$CNAME'";
                        $res0=mysqli_query($this->connection,$sql0);
                        while ($row=mysqli_fetch_array($res0)) {
                                $CID=$row['CID'];
                        }


                        $res1=mysqli_query($this->connection,$sql1);

                        $sql1="INSERT                    into                    Tutorial
(CID,YEAR,Topic,content,Name,Weightage,Media)                                 values
('$CID',YEAR(CURDATE()),'$Topic1','$Editor1','$Chapter1','$weight1','$target2')";

                        $res2=mysqli_query($this->connection,$sql1);

                        if($res2)
                                {
                                        echo 'true';
                                }
                                else
                                {
                                        echo 'false';
                                }


                }
```

```
                        else
                        {
                                echo 'false';
                        }
                }
        }
}
$Syllabus=new Syllabus();
?>
```

Profile

```php
<?php
require_once('DB.php');

        class Profile extends Database{

                function __construct()
                {
                        $this->connect_db();

                }

                 public function pfselect($name){

                        $sql = "SELECT * FROM `users` WHERE Username='$name'";
                        $res = mysqli_query($this->connection, $sql);
                        return $res;
                }

                 public function pfselect1($name){

                        $sql = "SELECT * FROM `faculty` WHERE Username='$name'";
                        $res1 = mysqli_query($this->connection, $sql);
                        return $res1;
                }

                 public function pfselect2($dept_id){

                        $sql    =   "SELECT   dept_name   FROM   `department`   WHERE
dept_id='$dept_id'";
                        $res2 = mysqli_query($this->connection, $sql);
                        return $res2;
                }
        }
$profile=new Profile();
?>
```

3.2.9)Java Script and Ajax

Contact

```javascript
$(document).ready(function() {
        var delay = 2000;
        $('.btn-default').click(function(e){
                e.preventDefault();
                var name = $('#Uname').val();
        if(name == ''){
                        $('.message_box').html(
                        '<span style="color:red;">Enter Your Name!</span>'
                        );
                        $('#Uname').focus();
            return false;
                        }

                var Contact = $('#Ucontact').val();
        if(Contact == ''){
                        $('.message_box').html(
                        '<span style="color:red;">Enter Your contact!</span>'
                        );
                        $('#Ucontact').focus();
            return false;
                        }

                var email = $('#UEmail').val();
        if(email == ''){
                        $('.message_box').html(
                        '<span style="color:red;">Enter Email Address!</span>'
                        );
```

```
                    $('#UEmail').focus();
        return false;
                    }

            var subject = $('#USubj').val();
        if(subject == ''){
                    $('.message_box').html(
                    '<span style="color:red;">Enter Your Subject!</span>'
                    );
                    $('#USubj').focus();
        return false;
                    }

            var message = $('#textrem').val();
        if(message == ''){
                    $('.message_box').html(
                    '<span style="color:red;">Enter Your Message Here!</span>'
                    );
                    $('#textrem').focus();
        return false;
                    }

                    $.ajax
                    ({
        type: "POST",
                    url: "OOPHP/ContactQuery/CQuery.php",
            data:
"Uname="+name+"&Ucontact="+Contact+"&UEmail="+email+"&USubj="+subject+"&textrem="+messag
e,
                    beforeSend: function() {
                    $('.message_box').html(
                    '<img                        src="Images/Contact/Loader.gif"
style="width:30px;height:30px;"/>'
                    );
                    },
        success: function(data)
                    {
                            setTimeout(function() {
                $('.message_box').html(data);
            }, delay);

                            setTimeout(function() {
                            $('.message_box').fadeOut();
                    }, 5000);
        }
                    });
        });

});
```

Choose Course

```
$(document).ready(function(){
        $("#sign").submit(function(event){
            event.preventDefault();
            $.ajax({
                    type: "POST",
                    url: "OOPHP/Course/courseenroll.php",
                    data: new FormData(this),
                     contentType: false,
                     cache: false,
                     processData:false,
                    success: function(result){
                            if(result=="false")
                            {
                                    $('#regmsg').html('<div    class="alert    alert-
danger">Register was not successful</div>').fadeIn().delay(1000).fadeOut();
                            }
                            else
                            {
                                    $('#regmsg').html('<div    class="alert    alert-
success">Success </div>');

                            }
                    }
                    });
            return false;
        });
```

```
});
```

Course Schema

```
$(document).ready(function(){
      $("#define").submit(function(event){
            event.preventDefault();
            $.ajax({
                  type: "POST",
                  url: "OOPHP/Course/CourseSchema.php",
                  data: new FormData(this),
                   contentType: false,
                   cache: false,
                   processData:false,
                  success: function(result){
                        if(result=="false")
                        {
                              $('#regmsg').html('<div    class="alert    alert-
danger">Something went wrong</div>').fadeIn().delay(1000).fadeOut();
                        }
                        else
                        {
                              $('#regmsg').html('<div    class="alert    alert-
success">Schema of course created successfully</div>').fadeIn().delay(1000).fadeOut();

                        }
                  }
                  });
            return false;
      });
      $("#define")[0].reset();
});
```

Facultydet

```
$(document).ready(function(){
      $("#sign").submit(function(event){
            event.preventDefault();
            $.ajax({
                  type: "POST",
                  url: "OOPHP/Faculty/FCupass.php",
                  data: new FormData(this),
                   contentType: false,
                   cache: false,
                   processData:false,
                  });
            return false;
      });
});

$(document).ready(function(){
      $("#sign1").submit(function(event){
            event.preventDefault();
            $.ajax({
                  type: "POST",
                  url: "OOPHP/Faculty/FCins.php",
                  data: new FormData(this),
                   contentType: false,
                   cache: false,
                   processData:false,
                  success: function(result){
                        if(result=="false")
                        {
                              $('#regmsg').html('<div    class="alert    alert-
danger">Something went wrong</div>').fadeIn().delay(1000).fadeOut();
                        }
                        else
                        {
                              $('#regmsg').html('<div class="alert alert-info"><a
href="FacultyDash.php">Successfully Registered!!!Click here to be redirected to login
page</a></div>');

                        }
                  }
                  });
            return false;
      });
});
```

Load Page On Admin Dashboard

```
$(document).ready(function(){
        $("#AdPF").on("click",function(){
                $("#content").load("AdminPF.php");
        });
});

$(document).ready(function(){
        $("#AdFC").on("click",function(){
                $("#content").load("AdminFC.php");
        });
});

$(document).ready(function(){
        $("#AdPR").on("click",function(){
                $("#content").load("AdminSearch.php");
        });
});
```

Load Page On Faculty Dashboard

```
$(document).ready(function(){
        $("#FcPF").on("click",function(){
                $("#content").load("FacultyPF.php");
        });
});

$(document).ready(function(){
        $("#FcCR").on("click",function(){
                $("#content").load("FCCRCO.php");
        });
});

$(document).ready(function(){
        $("#FcCNT").on("click",function(){
                $("#content").load("FCCRCNT.php");
        });
});

$(document).ready(function(){
        $("#report").on("click",function(){
                $("#content").load("Report.php");
        });
});
```

Load Page On Student Dashboard

```
$(document).ready(function(){
        $("#StPF").on("click",function(){
                $("#content").load("StudentPF.php");
        });
});

$(document).ready(function(){
        $("#StMM").on("click",function(){
                $("#content").load("CurrentCourse.php");
        });
});
```

Misc

```
$(function(){
        //for password match
                $('#cpass').on('change',function(e){
                        var cpass=$(this).val();
                        var pass=$("#pass").val();
                        if(pass!=cpass)
                        {
                                $(this).val("");
                                $("#cpasserr").html("<span        class='alert        alert-
danger'>Password is not match</span>");
                        }
                        else
                        {
                                $("#cpasserr").html("<span        class='alert        alert-
success'>Password is match</span>");
                        }
                });
```

```
            $("#pass").on('change',function(e){
                    $("#cpass").val("");
            });

            //for email validate
            $('#semail').on('change',function(e){

                            if(!/(^((([a-zA-Z])|([0-9])))+@([a-zA-z])+.([a-zA-
z]{2,3})$)/gi.test(this.value))
                                    {
                                            $(this).val("");
                                            $('#emailmsg').html('<span    class="alert    alert-
danger">Not Valid Email</span>');

                                    }
                                    else
                                    {
                                            $('#emailmsg').html('<span      class="alert
alert-success">Valid Email</span>');
                                    }

                    });

            //for checking the user is availble or not
            $("#user").on('keyup',function(e){
                    var user=$(this).val();
                    if(!user||user===' ')
                    {
                            $(this).val("");
                            $('#usererr').html('<span class="alert alert-danger">Empty
field  is not allow</span>');
                    }
                    else
                    {
                            var dataString='user='+user;
                            $.ajax({
                                    type:'POST',
                                    url:'OOPHP/Register/checkuser.php',
                                    data:dataString,
                                    cache:false,
                                    success:function(available)
                                    {
                                            if(available=="false")
                                            {
                                                    $('#usererr').html('<span
class="alert alert-danger">UserName is not available</span>');
                                            }
                                            else
                                            {
                                                    $('#usererr').html('<span
class="alert alert-success">UserName is available</span>');
                                            }
                                    },
                                    error: function(xhr,xer){
                                            $('#usererr').html('<span      class="alert
alert-danger">Some Error is Occur '+xhr.status+'</span>')
                                    }
                            });
                    }
            });

            //for textarea remaining word
            var text_max = 200;
            $('#count_message').html(text_max + ' remaining');
            $("#textrem").keyup(function(){
              var text_length = $('#textrem').val().length;
              var text_remaining = text_max - text_length;
              $('#count_message').html(text_remaining + ' remaining');
                    });

            //for subject validate

            $("#subject").on('change',function(e){

                    if(!/[a-zA-Z\s]/.test(this.value)){
                            $('#subjectmsg').html('<span      class="alert      alert-
danger">subject must have alphabets</span>');
```

```
                                    $(this).val("");

                }
                else if(!/[a-zA-Z]/.test(this.value)){
                        $('#subjectmsg').html('<span        class="alert        alert-
danger">subject can\'t contain only spaces</span>');
                        $(this).val("");

                }
                else if(!/([a-zA-Z]).{7,30}/.test(this.value)){
                        $('#subjectmsg').html('<span        class="alert        alert-
danger">subject contain atleast 8 character and max 30 charcater</span>');
                        $(this).val("");

                }
                else
                {
                        $('#subjectmsg').html('<span        class="alert        alert-
success">Subject is valid</span>');
                }

        });

        //for name
        $("#checkname").on('change',function(e){

                if(!/[a-zA-Z\s]/.test(this.value)){
                        $('#namemsg').html('<span class="alert alert-danger">name
must have alphabets</span>');
                        $(this).val("");

                }
                else if(!/[a-zA-Z]/.test(this.value)){
                        $('#namemsg').html('<span class="alert alert-danger">name
can\'t contain only spaces</span>');
                        $(this).val("");

                }
                else if(!/([a-zA-Z]).{2,30}/.test(this.value)){
                        $('#namemsg').html('<span class="alert alert-danger">name
contain atleast 3 character</span>');
                        $(this).val("");

                }
                else
                {
                        $('#namemsg').html('<span class="alert alert-success">Name
is valid</span>');
                }

        });



});
```

Register

```
$(document).ready(function(){
        $("#sign").submit(function(event){
                event.preventDefault();
                $.ajax({
                        type: "POST",
                        url: "OOPHP/Register/Reg-Insert.php",
                        data: new FormData(this),
                         contentType: false,
                         cache: false,
                         processData:false,
                        success: function(result){
                                if(result=="false")
                                {
                                        $('#regmsg').html('<div        class="alert        alert-
danger">Register was not successful</div>').fadeIn().delay(1000).fadeOut();
                                }
                                else
                                {
```

```
                                                  $('#regmsg').html('<div class="alert alert-info"><a
href="login-form.php">Successfully  Registered!!!Click  here  to  be  redirected  to  login
page</a></div>');

                                }
                        }
                        });
                return false;
        });
});
```

Syllabus

```
$(document).ready(function(){
        $("#sign").submit(function(event){
                for ( instance in CKEDITOR.instances )
                {
                        CKEDITOR.instances[instance].updateElement();
                }
            event.preventDefault();
            $.ajax({
                    type: "POST",
                    url: "OOPHP/Course/Syllabus.php",
                    data: new FormData(this),
                     contentType: false,
                     cache: false,
                     processData:false,
                    success: function(result){
                            if(result=="false")
                            {
                                    $('#regmsg').html('<div    class="alert    alert-
danger">Register was not successful</div>').fadeIn().delay(1000).fadeOut();
                            }
                            else
                            {
                                    $('#regmsg').html('<div    class="alert    alert-
success">Record inserted successfully</div>').fadeIn().delay(1000).fadeOut();

                            }
                    }
                    });
                return false;
        });
});
```

Chapter 4

RESULTS

4.1 Screenshots
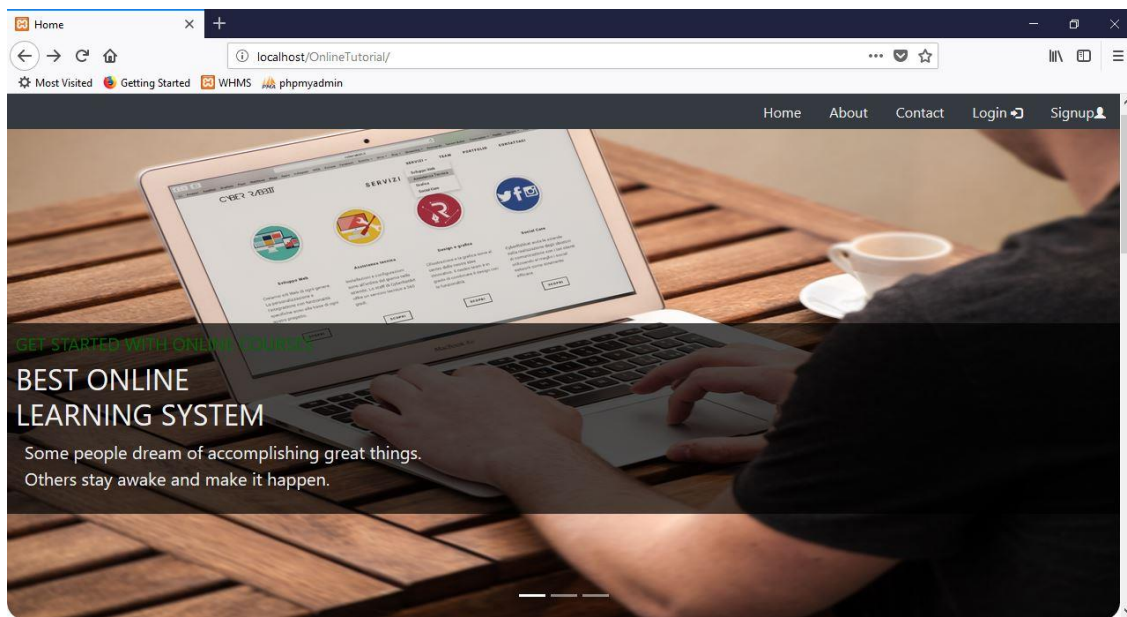
Figure 4.1.0 (Home page of the website)
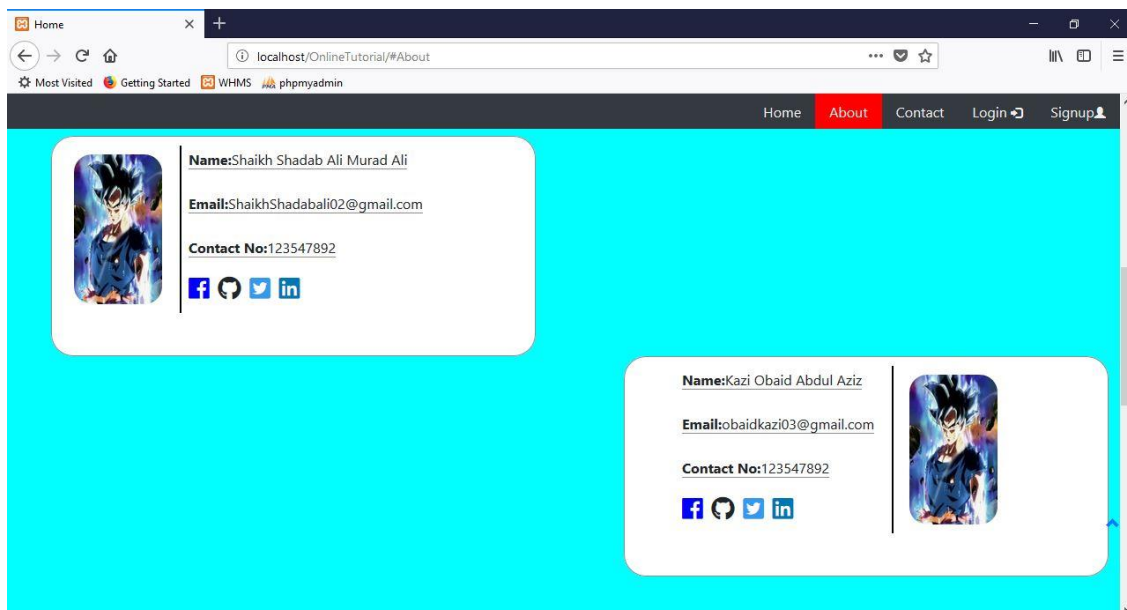
Figure 4.1.1.(About us)
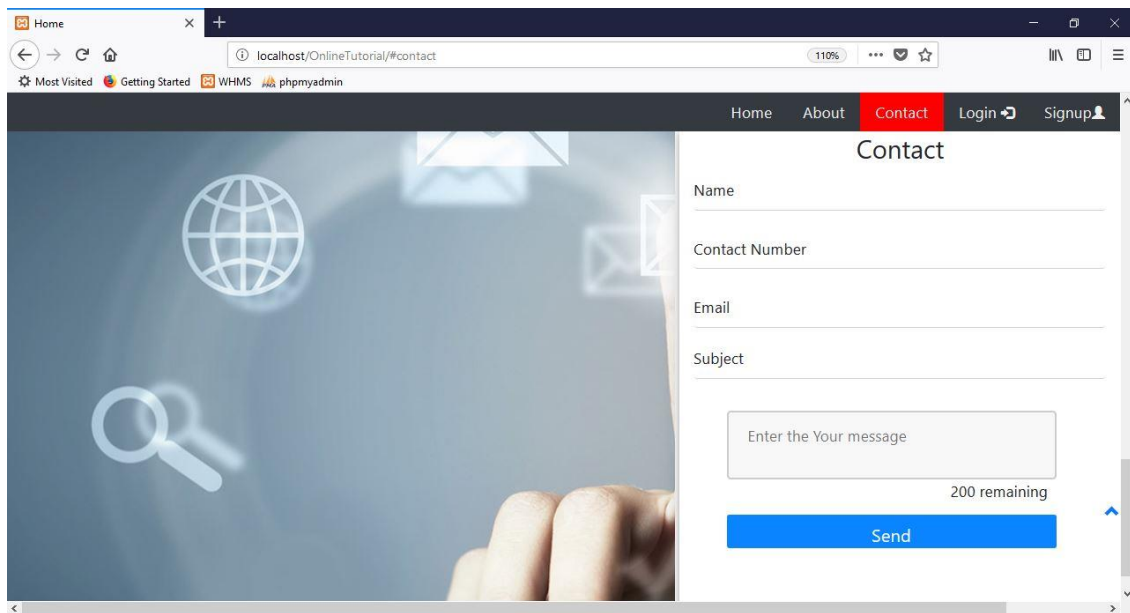
Figure 4.1.2. (Contact us)
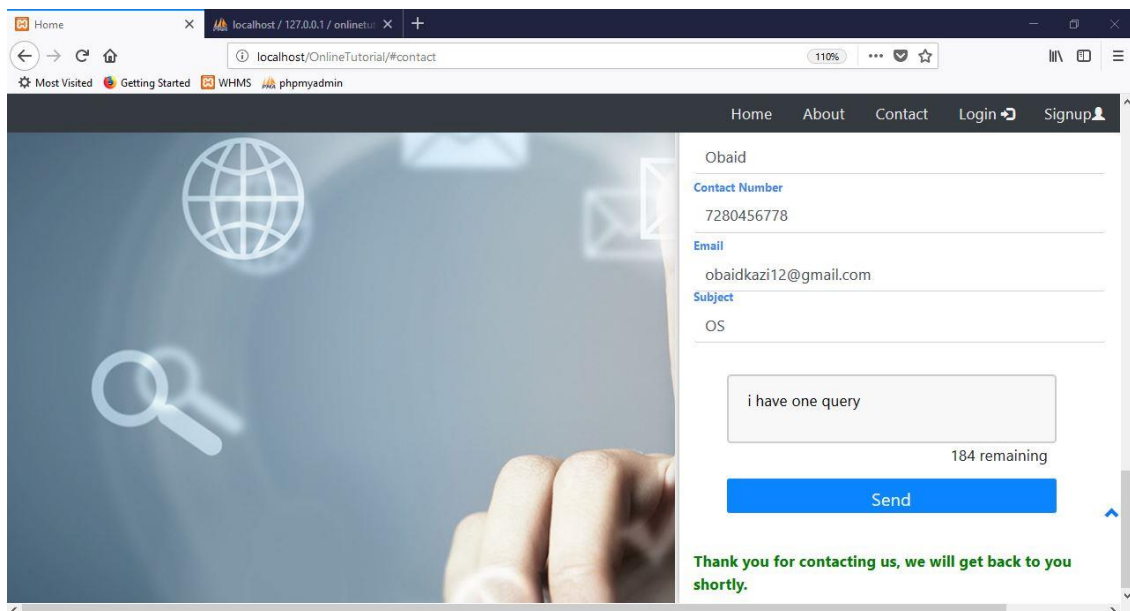
Figure 4.1.3 (Contact is submit to the admin)
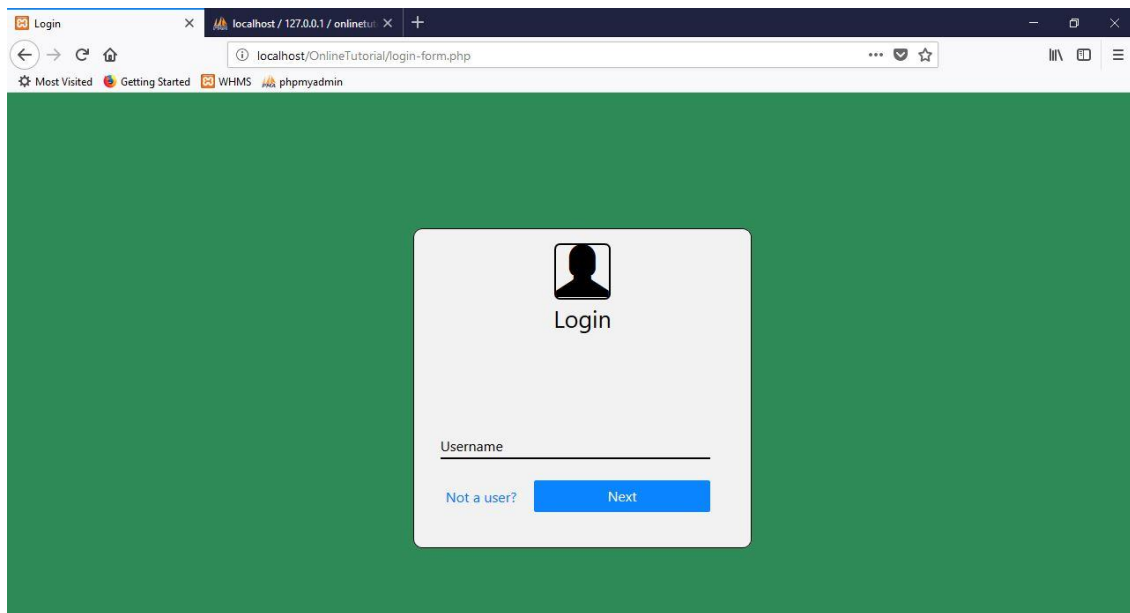
Figure 4.1.4 (Login Page for Admin,Faculty and as well for student)
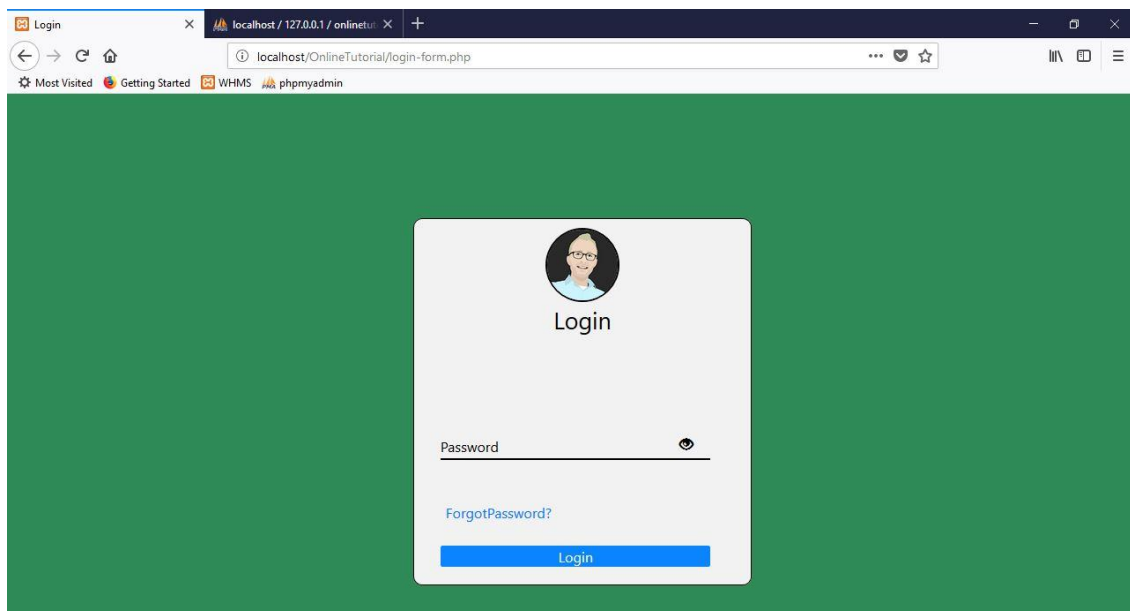
Figure 4.1.5 (Showing the image of user after username is correct)
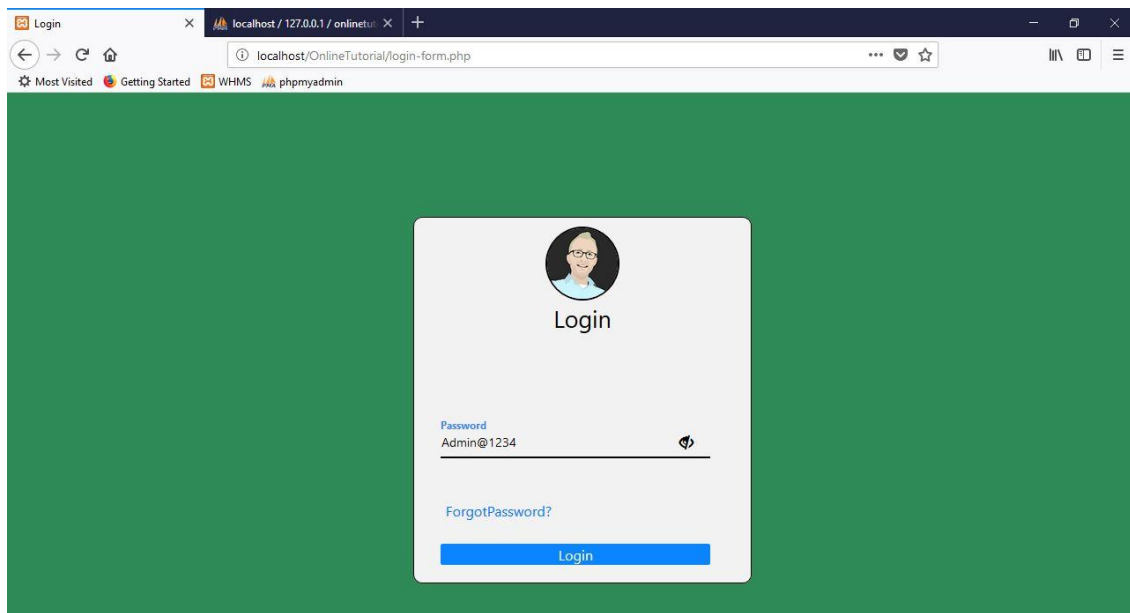
Figure 4.1.6 (Displaying password in text form)
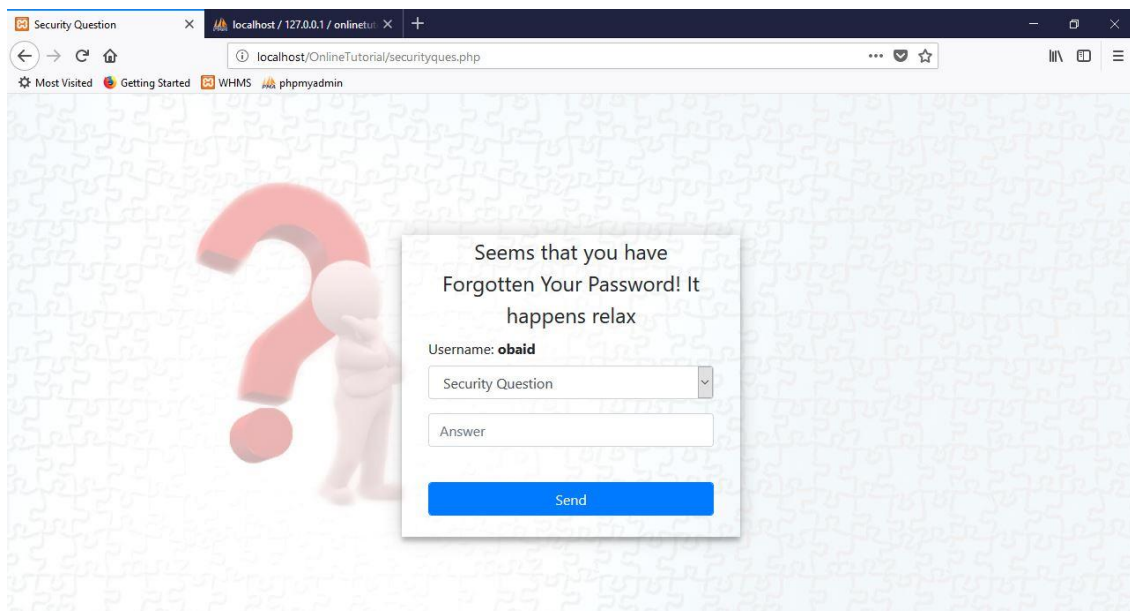
Figure 4.1.7 (Forget password option if user is not able to enter his password)
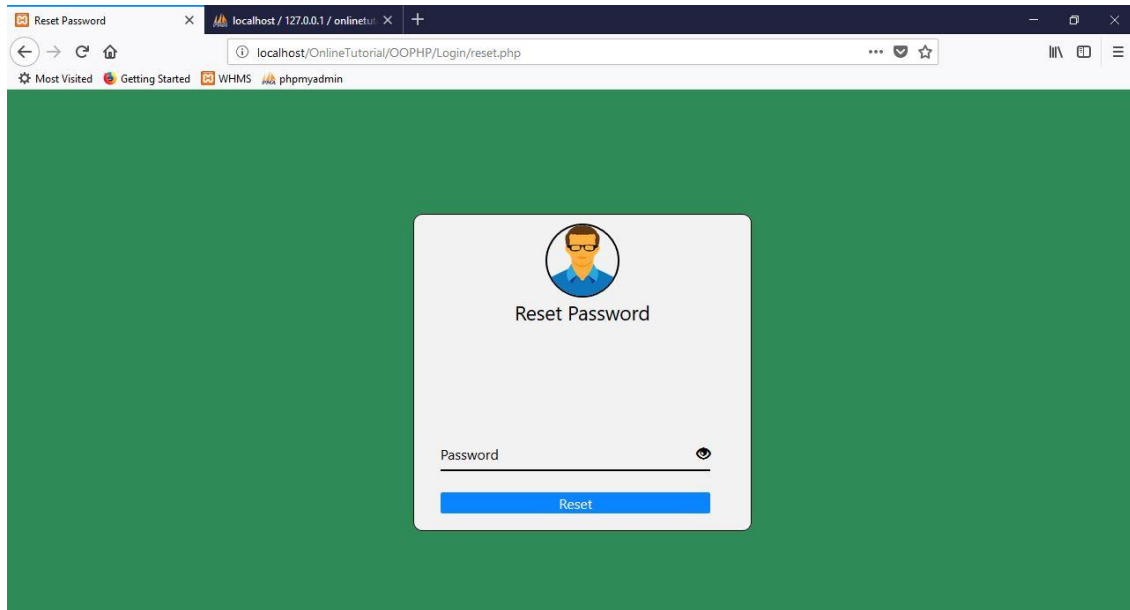
Figure 4.1.8 (Reset the password if security question answer is right)

Figure 4.1.9 (Registration of the student for leaning the courses)

Figure 4.1.10 (Registration of the student for leaning the courses)

Figure 4.1.11 (Admin Dashboard)

Figure 4.1.12 (Admin Profile)

Figure 4.1.13 (Admin create the faculty profile and give username and password)

Figure 4.1.14 (Admin create the faculty profile and define his speciality)

Figure 4.1.15 (Admin reset the password of user by putting name of user)

Figure 4.1.16 (After the enter the name of user it should be display like this)

Figure 4.1.17 (Admin can now reset the password of user after search the name)
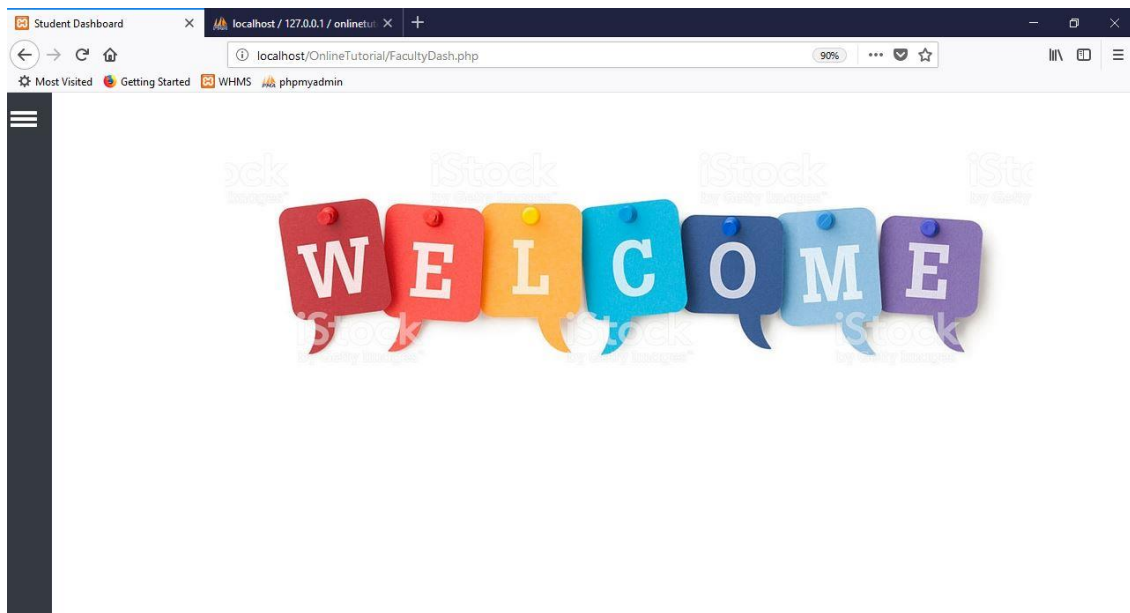
Figure 4.1.18 (Faculty Dashboard)

Figure 4.1.19 (Faculty Profile)
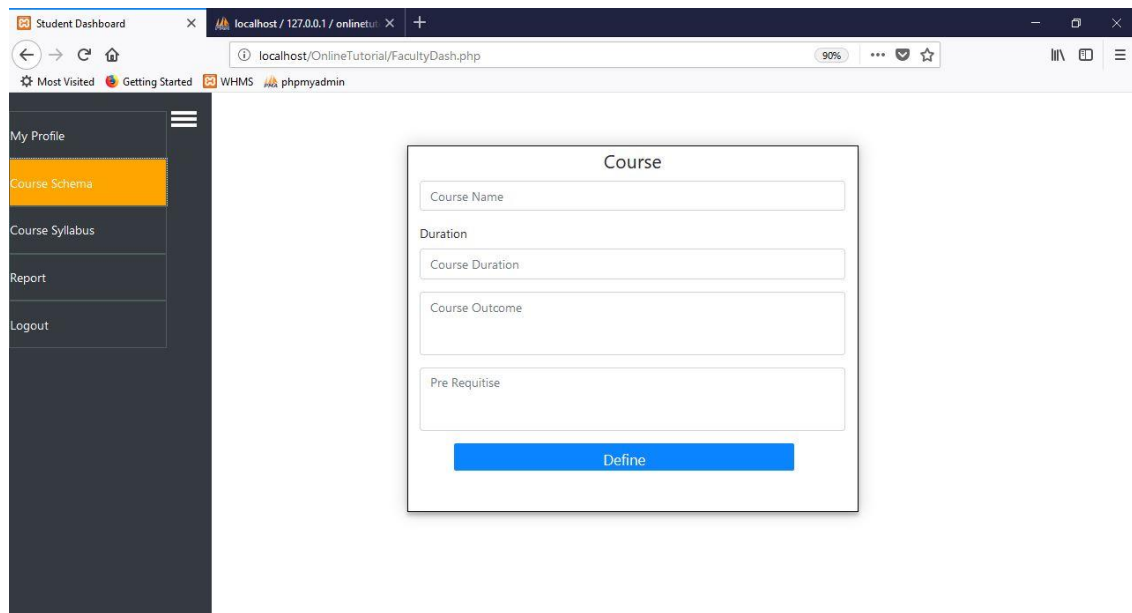
Figure 4.1.20 (Faculty define the course)
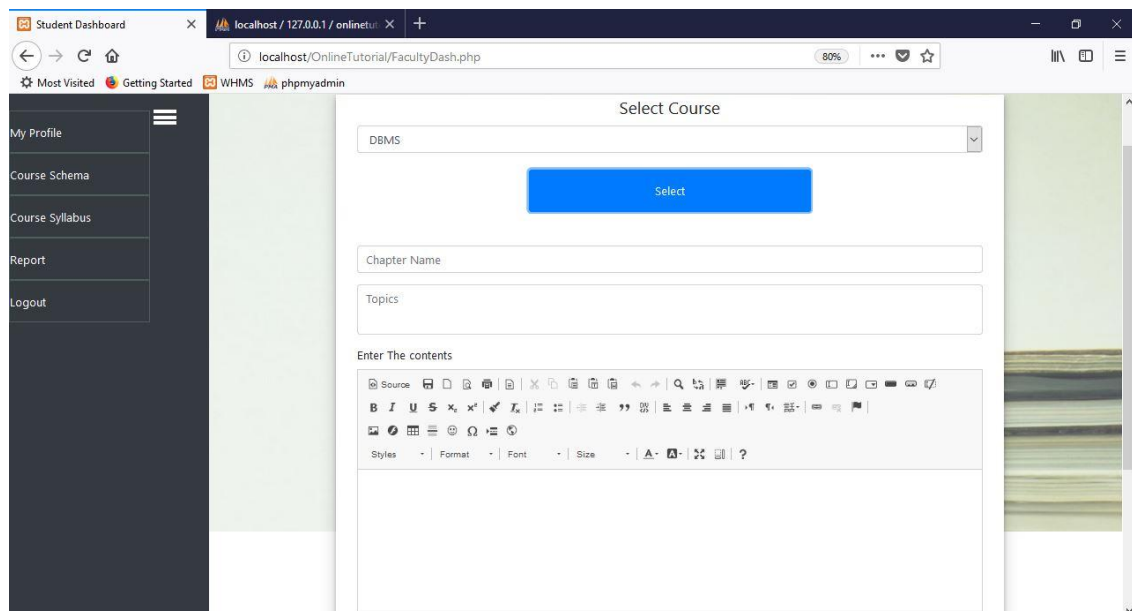
Figure 4.1.21 (Faculty define syllabus of the current course and its content)
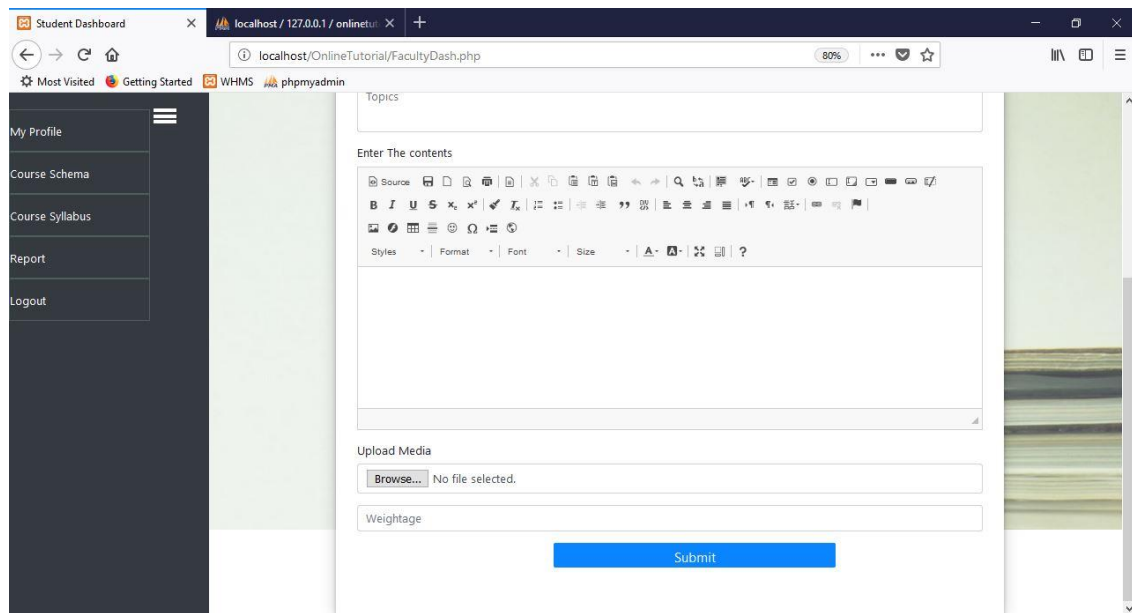
Fig 4.1.22 (Faculty define syllabus of the current course and its content)
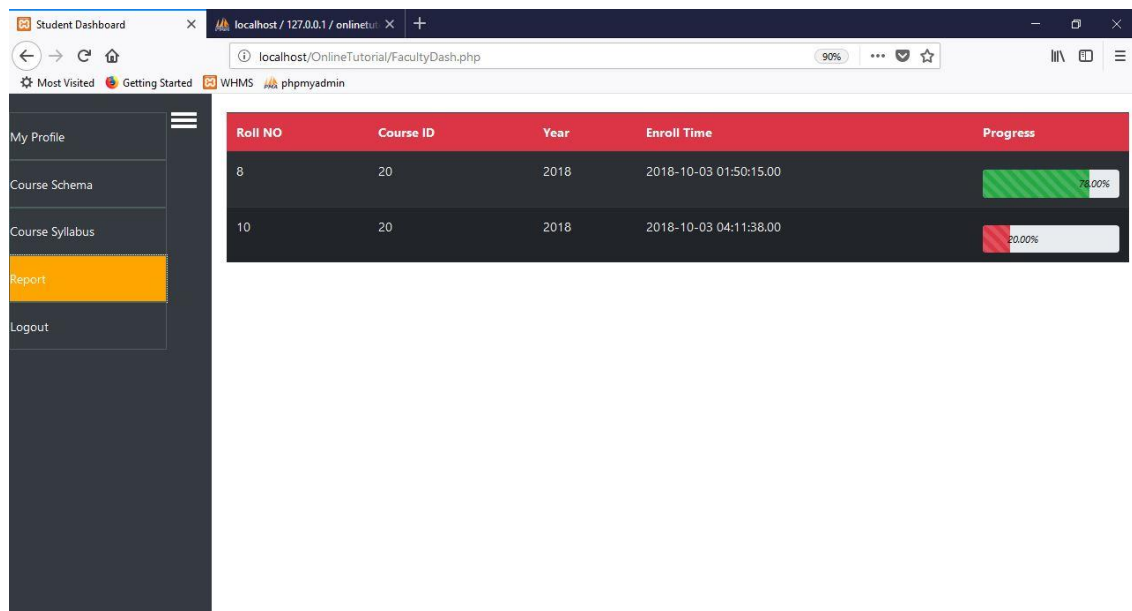
Figure 4.1.23 (Faculty view the report of the student who take his course)
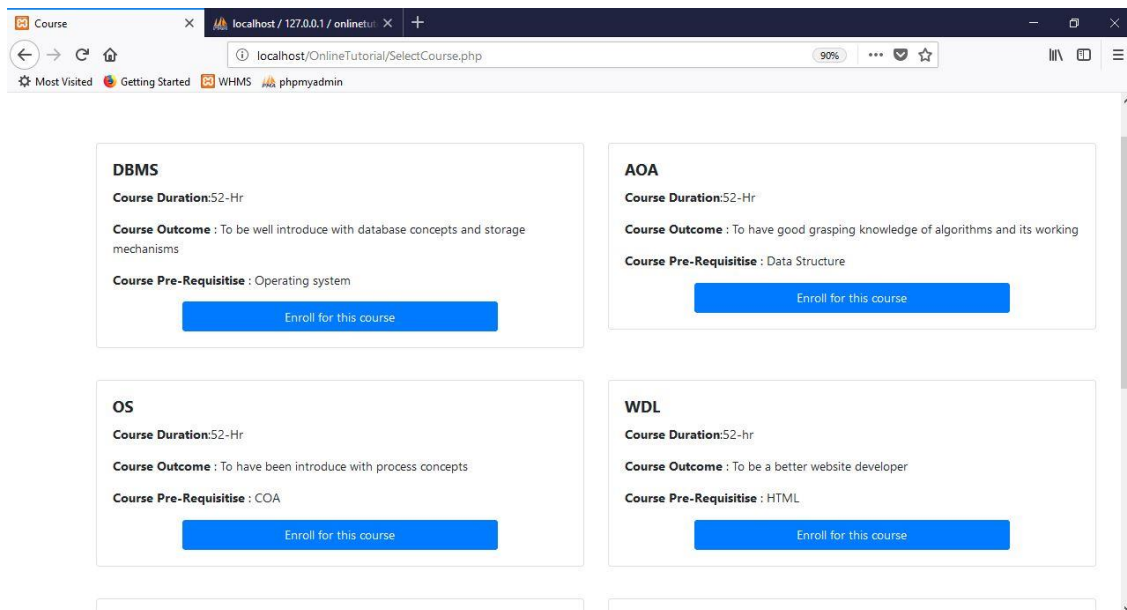
Figure 4.1.24 (After first login of student there will be appropriate option for selecting course)

Figure 4.1.25 (Student Dashboard)

Figure 4.1.26 (Student Profile)

Figure 4.1.27 (Student selected courses detail show here)
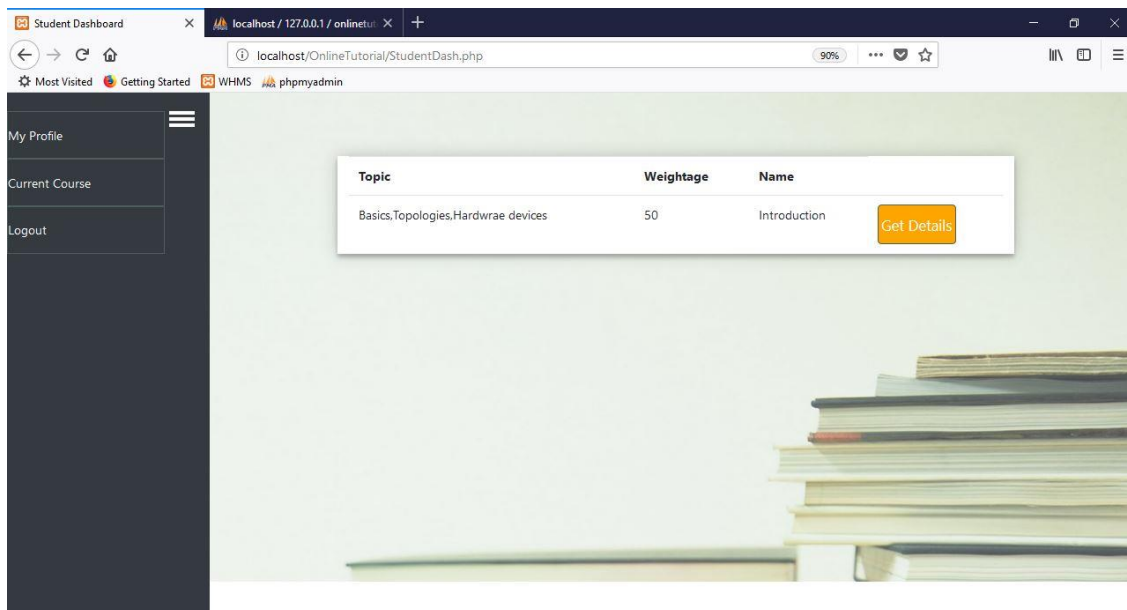
Figure 4.1.28 (Student selected course detail)
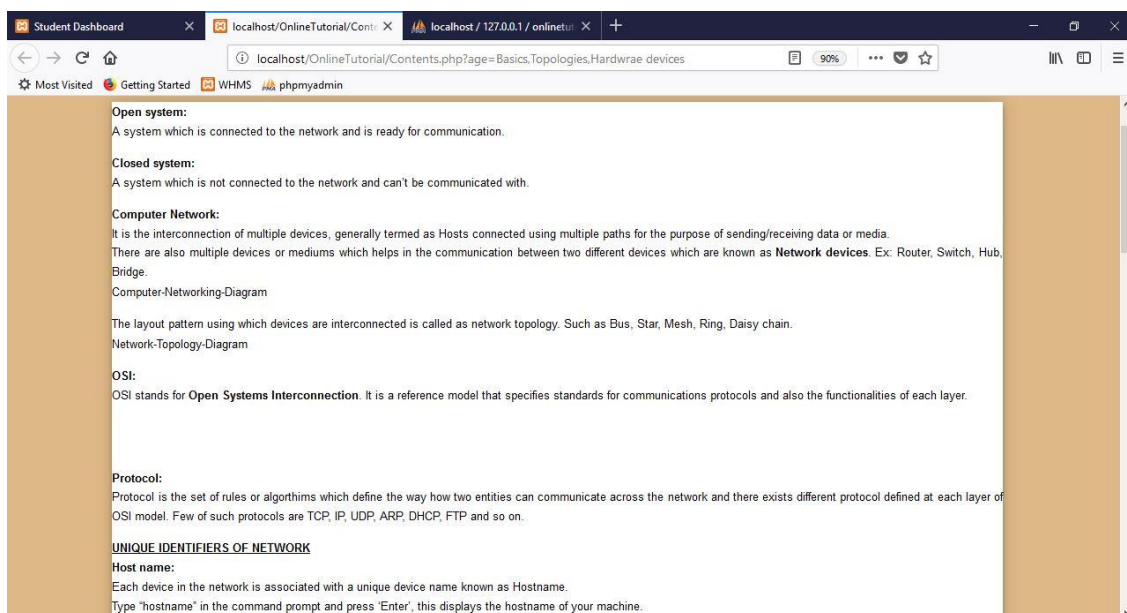
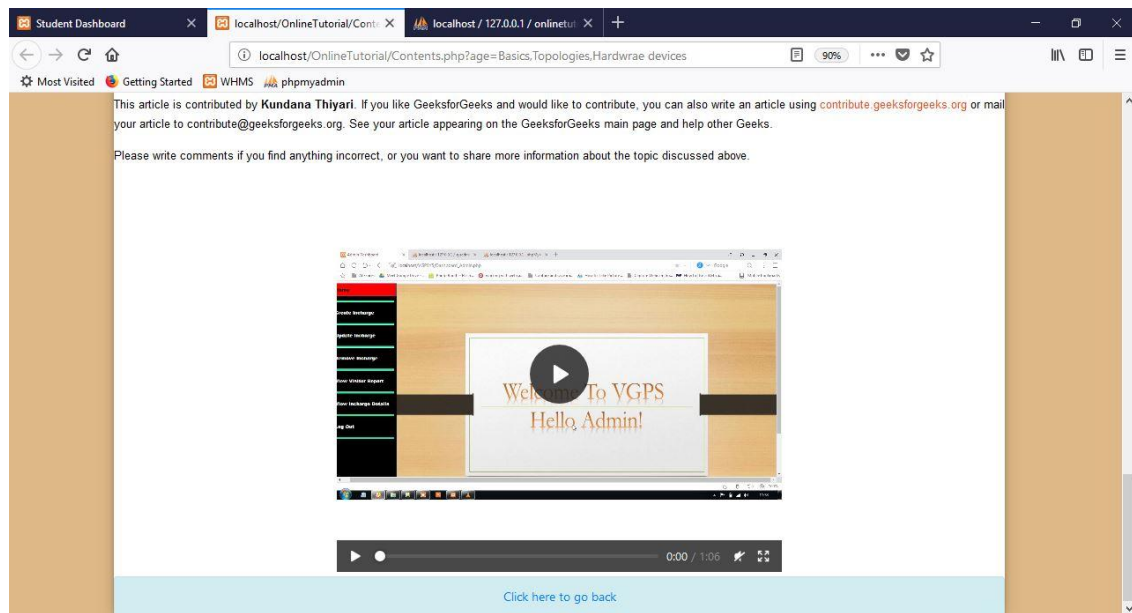**Figure 4.1.29 (Contents of the selected course of student)**

Figure 4.1.30 (Contents of the selected course of student)

Chapter 5

Conclusion

5.1 Conclusion

By implementing this project, we have successfully enhanced the way of learning by the mean principle of E-learning and distance education.

We have also ensured with all the safety and possible validations/security that could be offered through the system to its end users. Based on the user convenience, a user can avail the taken course with 24X7 availability status as soon as the faculty has published it online.

Education in the society is a key for any future growth of the country, and by using our system the end user can enjoy variety of facilities through E-learning.

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