

CHAPTER 1

INTRODUCTION

Student supervision system, is a software used by supervisors in order to monitor and reviews students, performance throughout a term and generate reports. This system is helpful for the academicians as well as school administration to reduce the paper work which most of schools are familiar with.

SYSTEM ACTORS & USER FEATURES

ADMIN

Admin is the person who controls, monitors and keeps the whole follow of the system. The main functions of the Admin are:

- To keep and track down the total number of users in the system.
- Can add, activate and deactivate any user.
- Count the number of supervisors, students in the system with their whole profile details
- Allow a supervisor to have a second marker who acts as a supervisor when the actual supervisor is not around and the system tracks the actions taken by the second marker or supervisor.
- Allocate any student with their respective supervisor
- Send and receive message to and from any supervisor.
- Generate statistical reports as to how many messages sent in the system as well as the average number of messages sent/received by a supervisor
- Control the whole work follow of the system

SUPERVISOR

Supervisor is a person who supervises the learners or students in the system in order to view and monitor their termly performance. They must first register and log in into the system.

The rightly owned functions and privileges the supervisor can perform are as follows:

- Chat with student through email messaging
- See the coursework done by the students and comment on their work
- Send a receive notification to and from the admin with regard to their use of the system and if they would want any additional functions
- To fully aware of the number of students that are assigned to him by the admin
- Manage and update their profile
- Logout the system

Student Supervision System

STUDENT

Student is a knowledge seeker, or more theoretical word, a learner. The student has to be registered and log in into the system before he/she carries out their functions. Registration is done through a form that needs to be filled, providing information about the student. Once they are registered, they are able to log onto the system. The students can then do the following actions:

- Receive an automatic remainder table generated the system
- Upload coursework so that the supervisor can see and comment on your work
- See the exact supervisor assigned to him by the admin
- Chat with supervisor through emailing
- To be able to see the second marker or supervisor given to him by the admin in cases where the supervisor is not around
- Able to update their profile details including passwords and emails
- Log out the whole system

CHAPTER 2

SYSTEM REQUIREMENT

2.1 HARDWARE SPECIFICATION

- Processor: Intel® Core™ i5-7200U CPU @ 2.70GHz
- Memory(RAM): 8.00 GB
- System type: 64-bit Operating System
- Hard Disk Capacity: 1 TB

2.2 SOFTWARE SPECIFICATION

For Website:

- Technology Implemented: Apache Server
- Language Used: PHP 5.2
- Database: MySQL 5.2
- User Interface Design: HTML 5,CSS,BOOTSTRAP,JS

For Software Product:

- Operating System: Windows 10
- Scripting Language: PHP
- Software: XAMPP Server 7.1.10

CHAPTER 3

DESIGN

3.1 ER DIAGRAM

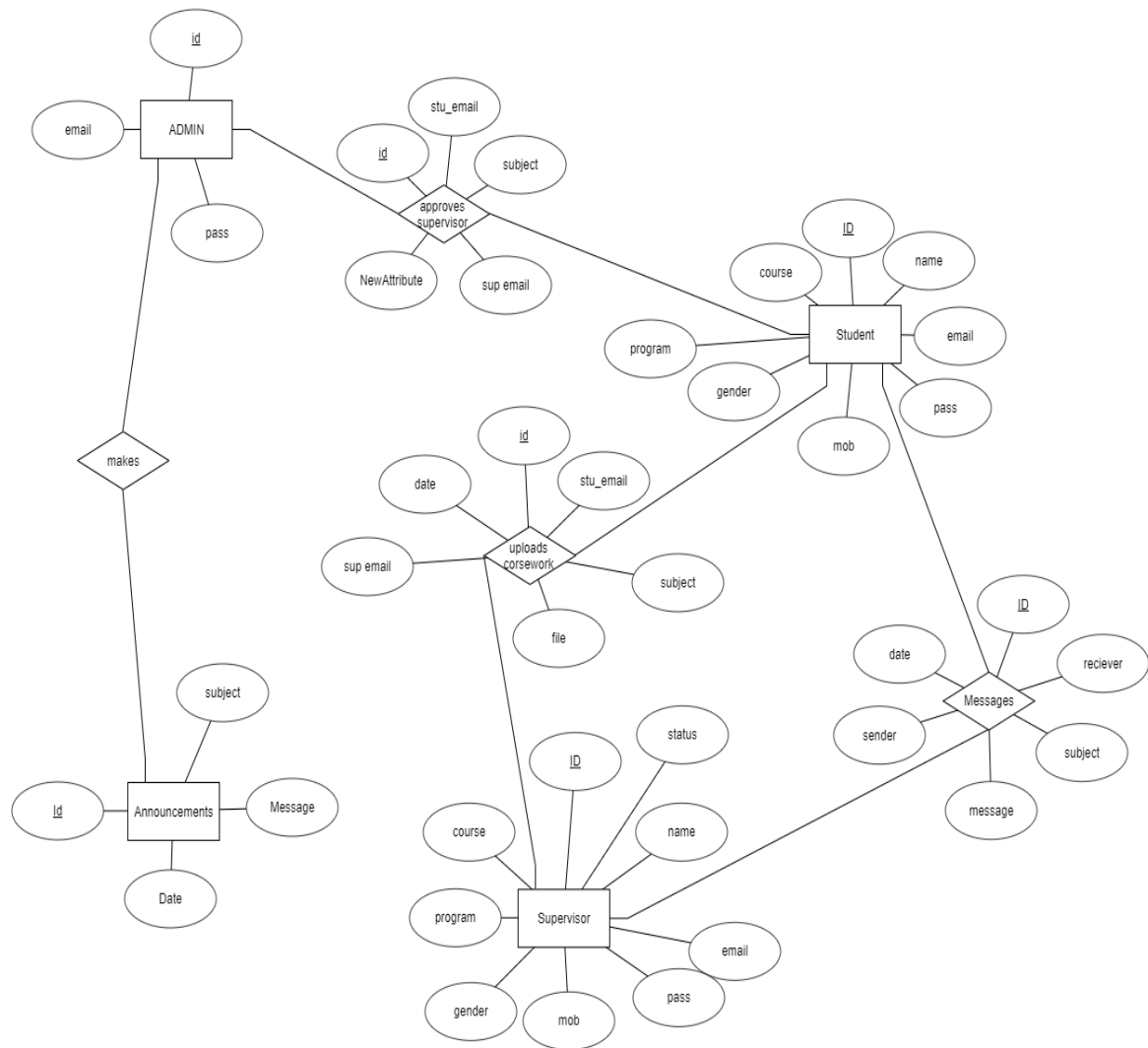


Fig 3.1 ER Diagram

CHAPTER 4

IMPLEMENTATION

Few important modules of code

4.1 INDEX

```
<?php require('include/header.php'); ?>
<!-- Homepage Slider -->
<div class="homepage-slider">
    <div id="sequence">
        <ul class="sequence-canvas">
            <!-- Slide 1 -->
            <li class="bg4">
                <!-- Slide Title -->
                <h2
class="title">Admin</h2>
                <!-- Slide Text -->
                <h3 class="subtitle">Admin
is the person who controls, monitors and keeps the whole follow of the
system</h3>
                <!-- Slide Image -->
                
            </li>
            <!-- End Slide 1 -->
            <!-- Slide 2 -->
            <li class="bg3">
                <!-- Slide Title -->
                <h2
class="title">Supervisor</h2>
                <!-- Slide Text -->
                <h3
class="subtitle">Supervisor is a person who supervises the learners or
students in the system in order to view and monitor their termly
performance</h3>
                <!-- Slide Image -->
                
            </li>
            <!-- End Slide 2 -->
            <!-- Slide 3 -->
            <li class="bg1">
                <!-- Slide Title -->
                <h2
class="title">Student</h2>
                <!-- Slide Text -->
                <h3
class="subtitle">Student is a knowledge seeker, or more theoretical word,
a learner!</h3>
                <!-- Slide Image -->
                
            </li>
            <!-- End Slide 3 -->
        </ul>
    </div>
</div>
```

Student Supervision System

```

        </ul>
        <div class="sequence-pagination-wrapper">
            <ul class="sequence-pagination">
                <li>1</li>
                <li>2</li>
                <li>3</li>
            </ul>
        </div>
    </div>
<!-- End Homepage Slider -->

    <!-- Services -->
    <div class="section">
        <div class="container">
            <div class="row">
                <div class="col-md-4 col-sm-6">
                    <div class="service-wrapper">
                        
                        <h3 class="text-
danger">Admin </h3>
                        <p>Admin is the person who
controls, monitors and keeps the whole follow of the system. The main
functions of the Admin are:</p>
                        <a href="about.php"
class="btn">Read more</a>
                    </div>
                </div>
                <div class="col-md-4 col-sm-6">
                    <div class="service-wrapper">
                        
                        <h3 class="text-
danger">Supervisor </h3>
                        <p>Supervisor is a person
who supervises the learners or students in the system in order to view
and monitor their termly performance.</p>
                        <a href="about.php"
class="btn">Read more</a>
                    </div>
                </div>
                <div class="col-md-4 col-sm-6">
                    <div class="service-wrapper">
                        
                        <h3 class="text-
danger">Student</h3>
                        <p>Student is a knowledge
seeker, or more theoretical word, a learner. The student has to be
registered and log in into the system before he/she carries out their
functions.</p>
                        <a href="about.php"
class="btn">Read more</a>
                    </div>
                </div>
            </div>
        </div>
    </div>

```

```

        </div>
    </div>
</div>
<!-- End Services -->

<!-- Testimonials -->

</div>
</div>
<!-- End Pricing Table -->

```

```
<?php require('include/footer.php'); ?>
```

4.2 APPROVE SUPERVISOR

```

<div id="page-wrapper" style="background:#fff;padding:20px;color:#000">

    <div class="row">

        <div class="col-lg-2">
            <a title="Assign Supervisor"
                href="index.php?option=assign_supervisor"
                class="btn btn-warning">Assign Supervisor</a>
        </div>

        <div class="row">

            <div class="col-lg-12">
                <table class="table table-striped table-responsive
                table-bordered" id='example'>

                    <thead>

                        <th>Sr.

                        No</th>

                        <th>Student Name</th>
                        <th>Supervisor Name</th>
                        <th>Delete</th>

                    </thead>

                    <tbody>

                        <?php
                        $que=mysqli_query($con,"select * from assign_supervisor");
                        $i=1;
                        while($row= mysqli_fetch_array($que))
                        {
                            ?>
                            <tr>

                                <td><?php echo $i; $i++; ?></td>

```

Student Supervision System

```

<Td>
    <?php
    $stu=mysqli_query($con,"select name from student where
id=$row[1]");
    $stu1=mysqli_fetch_assoc($stu);
    echo $stu1['name'];
    ?>
</Td>

    <Td>
    <?php
    $sup=mysqli_query($con,"select name from supervisor where
id=$row[2]");
    $sup1=mysqli_fetch_assoc($sup);
    echo $sup1['name'];
    ?>
</Td>

    <td>
    <?php
    echo "<a title='Delete supervisor'
href='Supervisor_student_assign_delete.php?assignId=".$row['id']."'>sp
an class='glyphicon glyphicon-remove' style='color:red' aria-
hidden='true'></span></a>";?>
</td>
</tr>

<?php } ?>

    </tbody>
</table>
</div>
</div>
<!-- /.container-fluid -->

</div>
<!-- /#page-wrapper -->

</div>

```

4.3 MESSAGE SEND

```

<?php
extract($_POST);
extract($_SESSION);
if(isset($send))
{
    $que=mysqli_query($con,"insert into
message(sender,receiver,subject,message,date)
values('$admin','$to','$subj','$msg',now())");
    $err="<font color='blue'>Message send successfully</font>";
}
?>
<div class="row">
<div class="col-sm-0">
</div>

```


Student Supervision System

```
<div class="col-sm-10">

<div class="panel panel-default">
<div class="panel-heading">
<h3 class="panel-title" style="color:#8F0BB0;" align="center">Send
Message</h3>
</div>
<div class="panel-body">

    <form method="post">
        <div class="form-group">
            <label for="exampleInputEmail1"><?php echo @$err;?></label>
        </div>

        <div class="form-group">
            <label for="exampleInputEmail1">To</label>
            <input type="email" class="form-control" name="to"
id="exampleInputEmail1" placeholder="Enter email" required>
        </div>
        <div class="form-group">
            <label for="exampleInputPassword1">Subject</label>
            <input type="text" class="form-control" name="subj"
id="exampleInputPassword1" placeholder="Subject" required>
        </div>

<div class="form-group">
            <label for="exampleInputEmail1">Message</label>
            <textarea class="form-control" name="msg" rows="3"
placeholder="Message" required></textarea>
        </div>
<!-- programme end-->
<br/>
<div class="form-group">
            <button name="send" class="btn btn-success" type="submit">Send
Messaged</button>
        </div>
    </form>
</div>
</div>

</div>
```

4.3 UPLOAD COURSEWORK

```
<?php
    if(isset($send))
    {

        //student id
        $q=mysqli_query($con,"select id from student where email='$student'");
        $qq=mysqli_fetch_array($q);
        $stuid=$qq['id'];
```

Student Supervision System

```
//supervisor id
$s=mysqli_query($con,"select super_id from assign_supervisor where
stu_id='$stuid'");
$ss=mysqli_fetch_array($s);
$supid=$ss['super_id'];

//supervisor name
$qq=mysqli_query($con,"select email from supervisor where id='$supid'");
$qqq=mysqli_fetch_array($qq);
$supervisor=$qqq['email']." ";

$file=$_FILES['f']['name'];

$que=mysqli_query($con,"insert into upload_coursework
values('','$student','$sub','$file','$supervisor',now())");
if(!file_exists("../coursework/$student"))
{
    mkdir("../coursework/$student");
    move_uploaded_file($_FILES['f']['tmp_name'], "../coursework/$stud
ent/".$_FILES['f']['name']);
}
move_uploaded_file($_FILES['f']['tmp_name'], "../coursework/$stud
ent/".$_FILES['f']['name']);
$error="<h3><font color='green'>Coursework uploaded and Sent to Your
Supervisor</font></h3>";

//echo "<script>window.location='index.php?option=Message'</script>";
}
?>

<div class="col-lg-10 well">
<form method="post" enctype="multipart/form-data">
    <div class="form-group">
        <label for="exampleInputEmail1"><?php echo @$error;?></label>
    </div>

    <div class="form-group">
        <label for="exampleInputFile">Subject</label>
        <input type="text" class="form-control" name="sub">
    </div>

    <div class="form-group">
        <label for="exampleInputFile">Upload Coursework</label>
        <input type="file" class="form-control" name="f">
    </div>

<br/>
<div class="form-group">
    <button name="send" class="btn btn-primary" type="submit">Upload
Coursework</button>
</div></form></div>
```

CHAPTER 5

DISCUSSION AND SCREENSHOTS

- The homepage of the web app looks as follows:

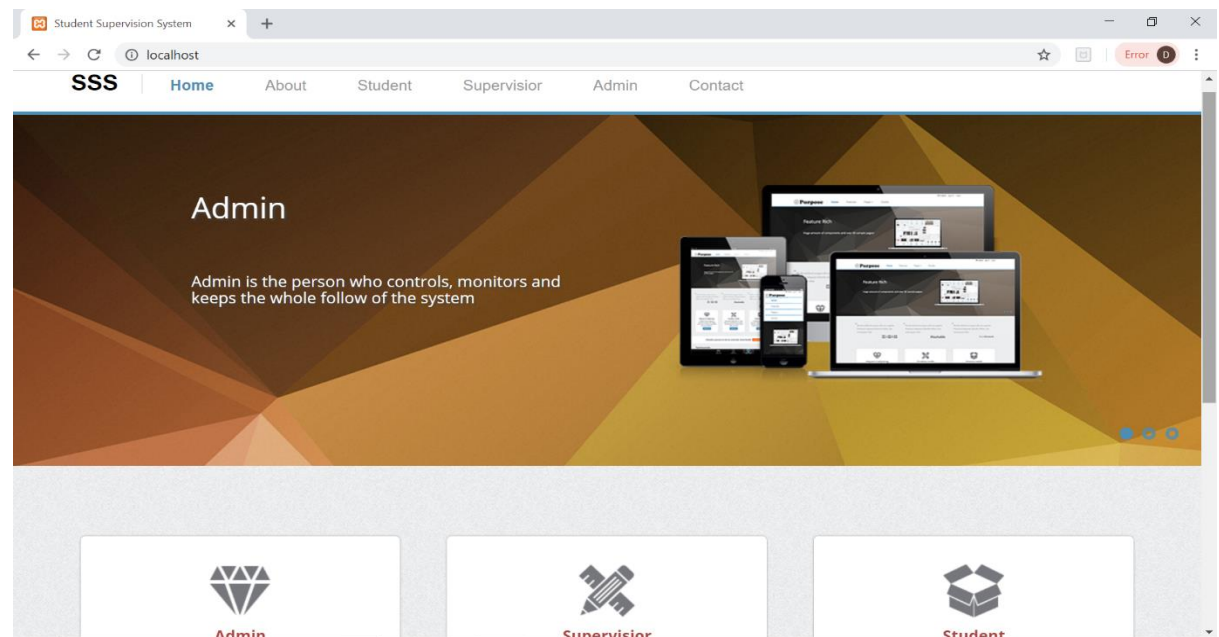


FIG 5.1 Home page

- Login page looks as follows (Student Login):

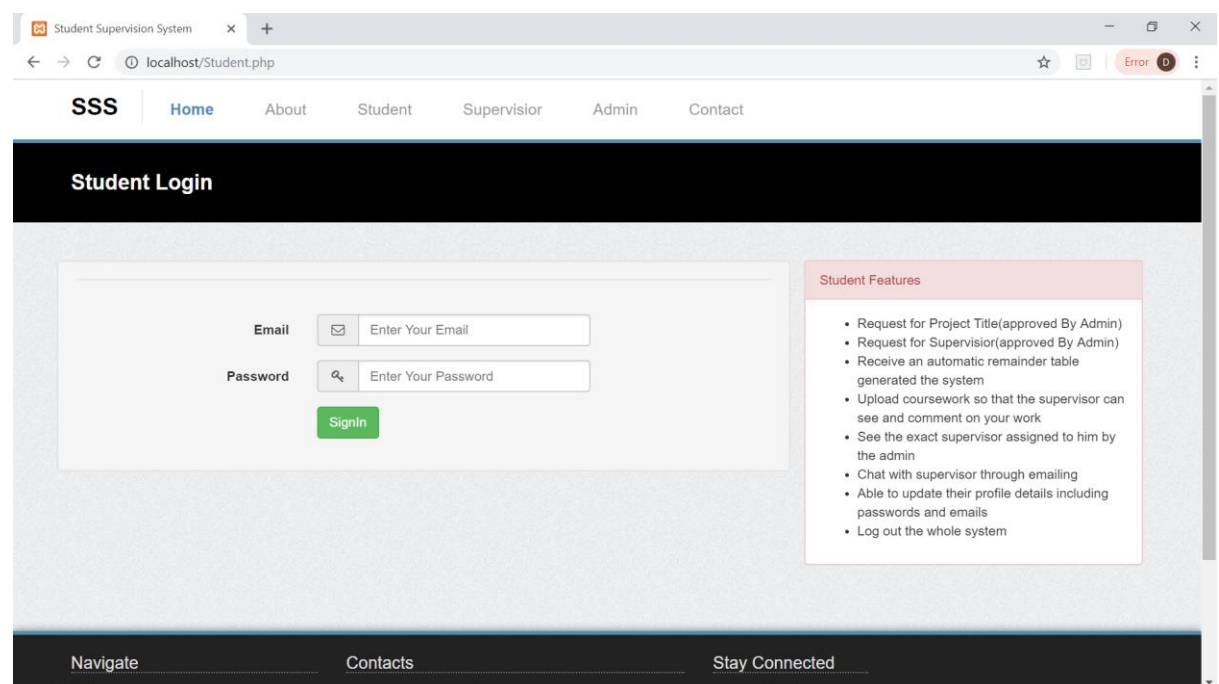


FIG 5.2 Login

Student Supervision System

- The Dashboard page (student) looks as follows:

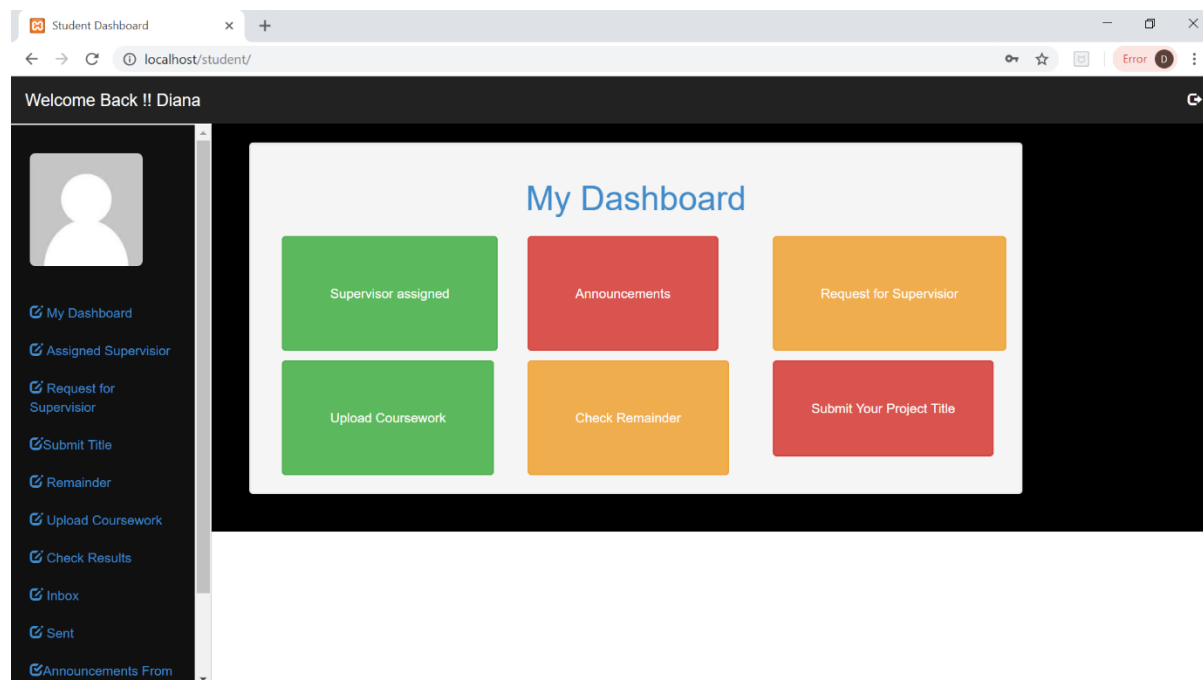


FIG 5.3 Dashboard

- Upload coursework for student looks as follows:

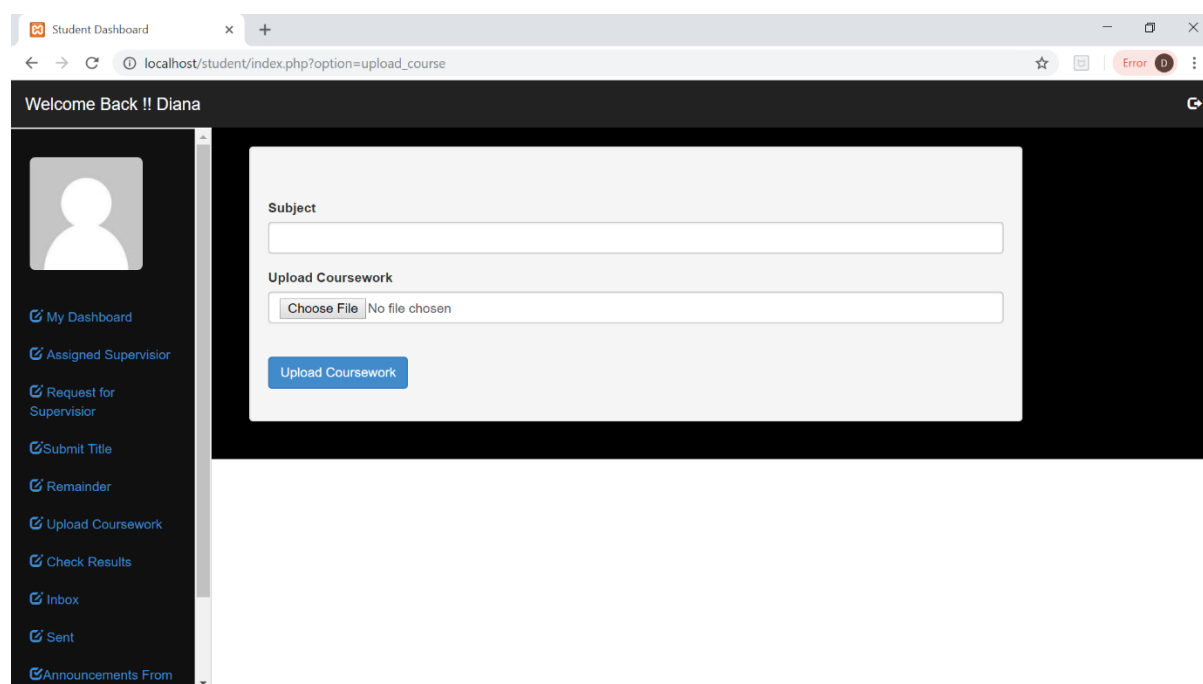


FIG 5.4 Student Upload coursework

Student Supervision System

- The supervisor console for seeing the uploaded coursework of students:

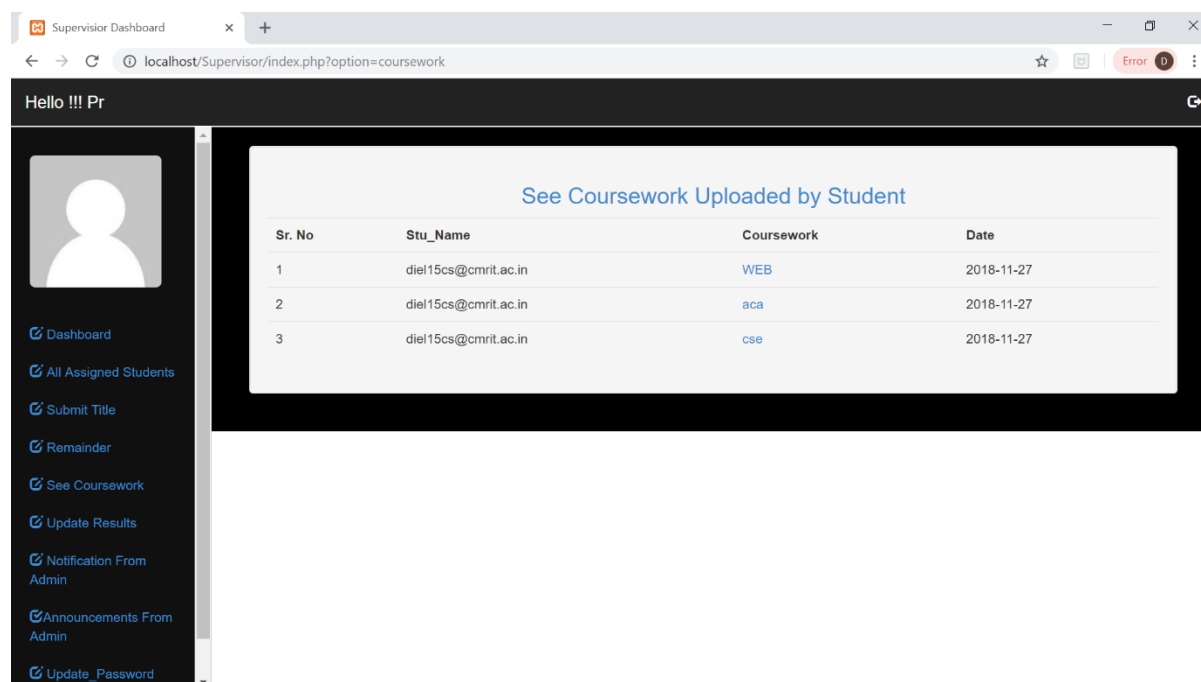


FIG 5.5 Supervisor coursework access

- On clicking the particular coursework:



FIG 5.6 Coursework Access link

CHAPTER 6

CONCLUSION & FUTURE SCOPE

The past years, sites have been using static pages, however as time passes by and technology advances, the development of dynamic webpages begun to shine in order to fasten the delivery of different services.

This system is intended to ease the burden on administration duties for managing the office staff in processing Supervision and Management by making information retrieval and management faster, easier, and more efficient compared to the normal manual system.

Student supervision system, is a software used by supervisors in order to monitor and reviews students' performance throughout a term and generate reports. This system is helpful for the academicians as well as school administration to reduce the paper work which most of schools are familiar with.

In the future, this simple yet feature rich system can be scaled and expanded to be used in real scenarios like Universities. Hosting the system on the server can thereby let students and teachers across the university access the convenience of the system wherever they go 24X7. The main focus in the future will be scaling efficiently and rapidly to benefit the users without any failures.

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