



GOVERNMENT POLYTECHNIC BARAUNI, BEGUSARAI

Under Science & Technology, Department of Bihar

ONLINE ATTENDANCE SYSTEM

Submitted By –

Name:

Roll:

Session:

Branch:

Semester:



GOVERNMENT POLYTECHNIC BARAUNI, BEGUSARAI

Under Science & Technology, Department of Bihar

Certificate

This is to certify that the Project report titled
“Online Attendance System”
is the bonafide record of the work done by

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Internal Examiner
Vivek Raj (project guide)

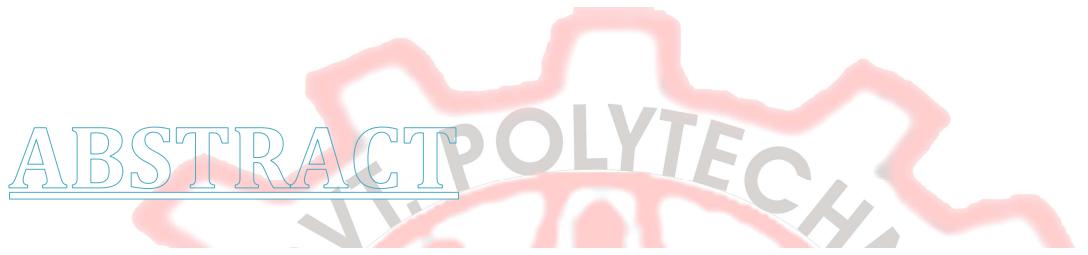
ACKNOWLEDGEMENT

The Practical work totally different to the theoretical one.

There are many practical problems that we are not considering with theoretical approach. So, it is quite exciting to do something in the field of practical work.

We shall be failing in our duties if we do not expressed our gratitude and our adorable principal “Dr. SUSHIL KUMAR” who has been a constant source of inspiration and encouragement for us.

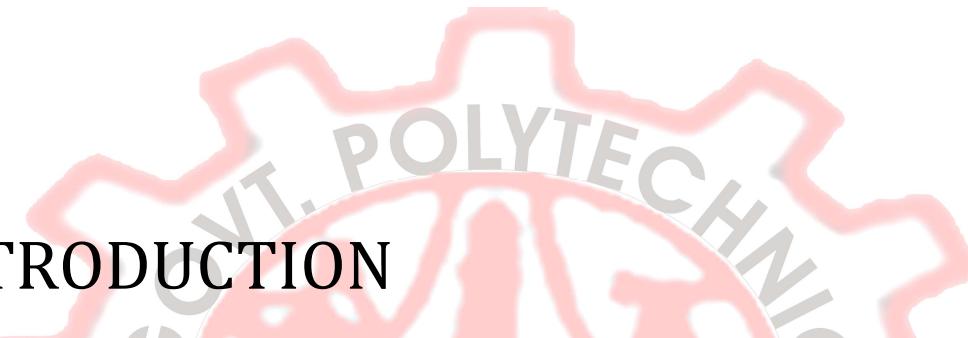
Also special thanks to our group members and those, who have been involved in making this project great success



Over the years the manual attendance management has been carried across most of educational institutions. To overcome the problems of manual attendance, I have developed “web based attendance Management System”. Attendance Management System is based on web server, which can be implemented on any computer. In This application, PHP is server side language, MySQL and PHP is used as back-end design and HTML, CSS and JavaScript are used as front-end tools. The system communicates with database residing on a remote server. It calculates automatically, the attendance percentage of students without any manual paper-based work. The system facilitates the end users with interactive design and automated processing of attendance management

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INTRODUCTION

Online Attendance Management System in PHP is an innovative tool to maintain and manage the attendance of students/employees. These tools can be software to monitor attendance details.

Prefixing a word “online” to this tool makes this tool very resourceful technique. This is because now this tool can be accessed from anywhere around the globe.

So an online Attendance Management System is an innovative way to monitor and track the attendance of students/employee.

Also this provides a transparency in the system so that each student can view their attendance from anywhere, anytime.

Features of the project

As soon as a teacher or a student joins the institution, he/she is requested to sign up to the online attendance management system. After this, admin is required to review and approve their account activation.

As their account gets approved, they can access to their account.

Users / Actors Of System

1. Teacher
2. Student

Teacher

1. He/she is required to create account and then gets approved by the admin.
2. Teacher can Choose/assigned Multiple lectures.
3. Teacher can Manage Multiple lectures multiple students Attendance.
4. View the list of students assigned to them.
5. Mark attendance after each lecture
6. View attendance of each student assigned to them.
7. Generate/Download Report of attendance in PDF Format
8. Check Average Attendance
9. Update Profile
10. Upload Profile Pic
11. Update Password(encrypted format)

Student

1. He/she needs to create an account.
2. Students can register himself/herself for Multiple lectures.
3. Students can Check Attendance for Multiple lectures.
4. Can view their attendance from anywhere around the globe.
5. Generate/Download Report of attendance in PDF Format
6. Check Average Attendance
7. Update Profile
8. Upload Profile Pic
9. Update Password(encrypted format)



Brief overview of the technology:

Front end: HTML, CSS, JavaScript

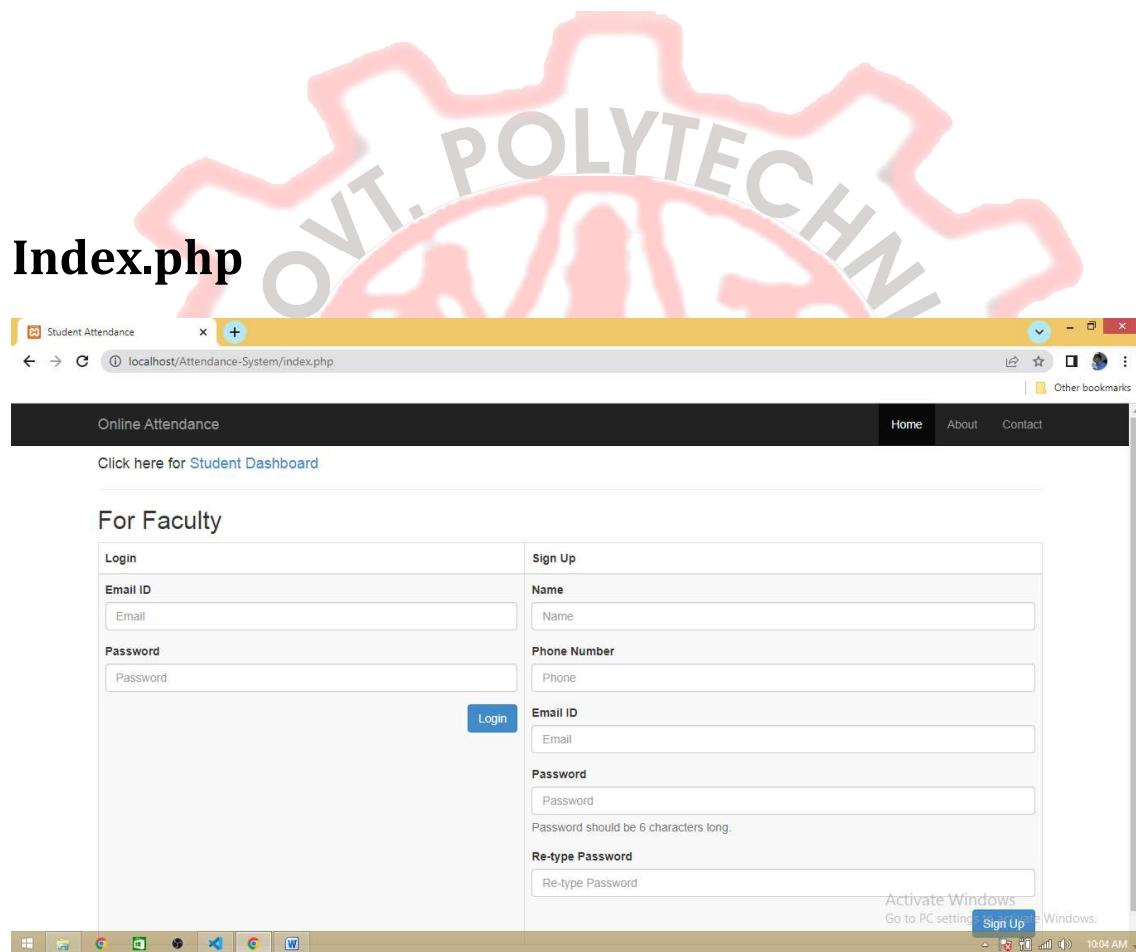
1. HTML: HTML is used to create and save web document. E.g. Notepad/Notepad++
2. CSS : (Cascading Style Sheets) Create attractive Layout
3. JavaScript: it is a programming language, commonly use with web browsers.
4. Bootstrap : for responsive and mobile friendly design.
5. JQuery.
6. Ajax.

Back end: PHP, MySQL

1. PHP: Hypertext Preprocessor (PHP) is a technology that allows software developers to create dynamically generated web pages, in HTML, XML, or other document types, as per client request. PHP is open source software.
2. MySQL: MySql is a database, widely used for accessing querying, updating, and managing data in databases.

Software Requirement(any one)

- WAMP Server
- XAMPP Server
- MAMP Server
- LAMP Server



```

<?php
session_start();
$isIndex = 1;
if(array_key_exists('teacher_id',$_SESSION) && !isset($_SESSION['teacher_id']))
{
header('Location: teacher.php');
} else {
if(!$isIndex) header('Location: index.php');
}

```

```

?>
<!DOCTYPEhtml>
<html>
<head>
<linkrel="stylesheet"href="css/style.css"/>
<title>Student Attendance</title>
<linkrel="stylesheet"href="css/bootstrap.min.css">
<linkrel="stylesheet"href="css/bootstrap-theme.min.css">
<scriptsrc="js/jquery.min.js"></script>
<scriptsrc="js/bootstrap.min.js"></script>
<scriptsrc="js/login.js"></script>
<!-- Custom styles for this template -->
<linkhref="navbar-fixed-top.css"rel="stylesheet">
</head>
<body>

<!-- Fixed navbar -->

<navclass="navbar navbar-inverse navbar-fixed-top">
<divclass="container">
<divclass="navbar-header">
<buttontype="button"class="navbar-toggle collapsed"data-
toggle="collapse"data-target="#navbar"aria-expanded="false"aria-
controls="navbar">
<spanclass="sr-only">Toggle navigation</span>
<spanclass="icon-bar"></span>
<spanclass="icon-bar"></span>
<spanclass="icon-bar"></span>
</button>
<aclass="navbar-brand"href="index.php">Online Attendance</a>
</div>
<divid="navbar"class="navbar-collapse collapse">
<ulclass="nav navbar-nav navbar-right">
<li><a href="#">Home</a></li>
<li><a href="#about">About</a></li>
<li><a href="#contact">Contact</a></li>

</ul>
</div><!--/.nav-collapse -->
</div>
</nav>
<divclass="container">
<h2>For Students</h2>
<h4>Click here for <a href="student.php">Student Dashboard</a></h4>

```

```

<hr>
<h2>For Faculty</h2>
<div class="alert alert-warning hidden">
<span></span>
<button type="button" class="close" onclick="$('.alert').addClass('hidden');">&t
imes;</button>
</div>
<table class="table table-bordered table-striped">
<thead>
<tr>
<th>Login</th>
<th>Sign Up</th>
</tr>
</thead>
<tbody>
<tr>
<td>
<form id="login">
<div class="form-group">
<label>Email ID</label>
<input class="form-control" placeholder="Email" type="email" name="email">
</div>

<div class="form-group">
<label>Password</label>
<input class="form-
control" placeholder="Password" type="password" name="password">
</div>
<button class="btn btn-primary pull-right">Login</button>
</form>
</td>
<td>
<form id="signup">
<div class="form-group">
<label>Name</label>
<input class="form-control" placeholder="Name" type="text" name="name">
</div>
<div class="form-group">
<label>Phone Number</label>
<input class="form-control" placeholder="Phone" type="text" name="phone">
</div>
<div class="form-group">
<label>Email ID</label>
<input class="form-control" placeholder="Email" type="email" name="email">
</div>
<div class="form-group">
<label>Password</label>

```

```

<inputclass="form-control"placeholder="Password" type="password" name="password">
<spanclass="help-block">Password should be 6 characters long.</span>
</div>
<divclass="form-group">
<label>Re-type Password</label>
<inputclass="form-control"placeholder="Re-type Password" type="password" name="password2">
</div>
<buttonclass="btn btn-primary pull-right">Sign Up</button>
</form>
</td>
</tr>
</tbody>
</table>
</div>
<!-- FOOTER -->
<footerstyle="background:; height:120%;">
<pclass="pull-right"><a href="#">Back to top</a></p>
<p>&copy; 2017 ProjectWorlds, Inc. &middot; developed by
<a href="https://facebook.com/yugesh.verma.35">Yugesh Verma </a><a href="http://projectworlds.in">Privacy</a>&middot;<a href="http://projectworlds.in">Terms</a></p>
</footer>

</div><!-- /.container -->

</body>
</html>

```

student.php

Student Attendance

Online Attendance

Home | About | Contact

Year of course
2022

Section
1

Subject Code of Course
Eg - COE-216
DDD-NNN where D : Department , N : Number

Roll Number
Eg - 262/CO/12
NNN/DD/Y where N : Number, D : Department , Y : Year

[Get Results](#)

Activate Windows
Go to PC settings to activate Windows.

Back to top

```

<html>
<head>
<link rel="stylesheet" href="css/style.css"/>
<title>Student Attendance</title>
<link rel="stylesheet" href="css/bootstrap.min.css">
<link rel="stylesheet" href="css/bootstrap-theme.min.css">
<link rel="stylesheet" href="css/c3.css">
<script src="js/jquery.min.js"></script>
<script src="js/bootstrap.min.js"></script>
<script src="js/highcharts.js"></script>
<script src="js/highcharts-exporting.js"></script>
<script src="js/jquery.knob.js"></script>
<script src="js/student.js"></script>
<!-- Custom styles for this template -->
<link href="navbar-fixed-top.css" rel="stylesheet">
</head>
<body>
<!-- Fixed navbar -->
<nav class="navbar navbar-inverse navbar-fixed-top">
<div class="container">
<div class="navbar-header">

```

```

<button type="button" class="navbar-toggle collapsed" data-
    toggle="collapse" data-target="#navbar" aria-expanded="false" aria-
    controls="navbar">
<span class="sr-only">Toggle navigation</span>
<span class="icon-bar"></span>

```

```

<span></span>
<span></span>
</button>
<a href="index.php">Online Attendance</a>
</div>
<div id="navbar" class="navbar-collapse collapse">
<ul class="nav navbar-nav navbar-right">
<li class="active"><a href="#">Home</a></li>
<li><a href="#about">About</a></li>
<li><a href="#contact">Contact</a></li>

</ul>
</div><!-- .nav-collapse -->
</div>
</nav><br><br><br><br><br><br><br><br><br><br>
<div class="container">
<div id="output"></div>
<form id="getAttendance">
<div class="form-group">
<label>Year of course</label>
<select name="year" class="form-control">
<?php foreach(range(date('Y',time()),1983) as $r)
echo'<option>'.$r.'</option>'; ?>
</select>
</div>
<div class="form-group">
<label>Section</label>
<select name="section" class="form-control">
<option>1</option><option>2</option><option>3</option>
</select>
</div>
<div class="form-group">
<label>Subject Code of Course</label>
<input type="text" class="form-control" name="code" placeholder="Eg - COE-216">
<span class="help-block">DDD-NNN where D : Department , N : Number</span>
</div>
<div class="form-group">
<label>Roll Number</label>
<input type="text" class="form-control" name="roll" placeholder="Eg - 262/C0/12">
<span class="help-block">NNN/DD/YY where N : Number, D : Department , Y : Year</span>
</div>

<button class="btn btn-primary">Get Results</button>
</form>
</div>
</div><!-- /.container -->

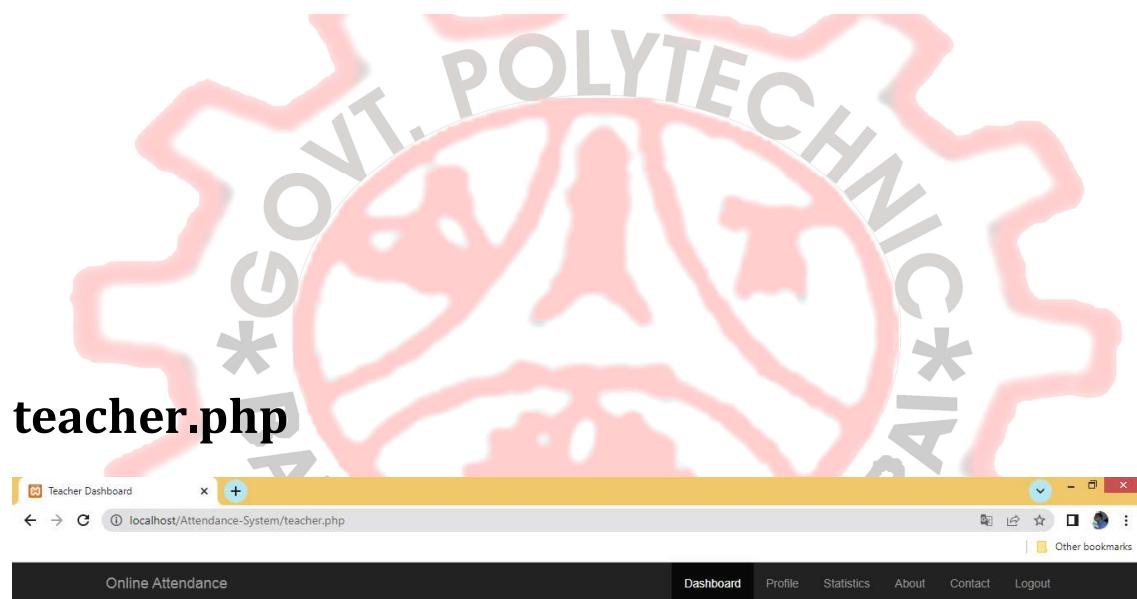
```

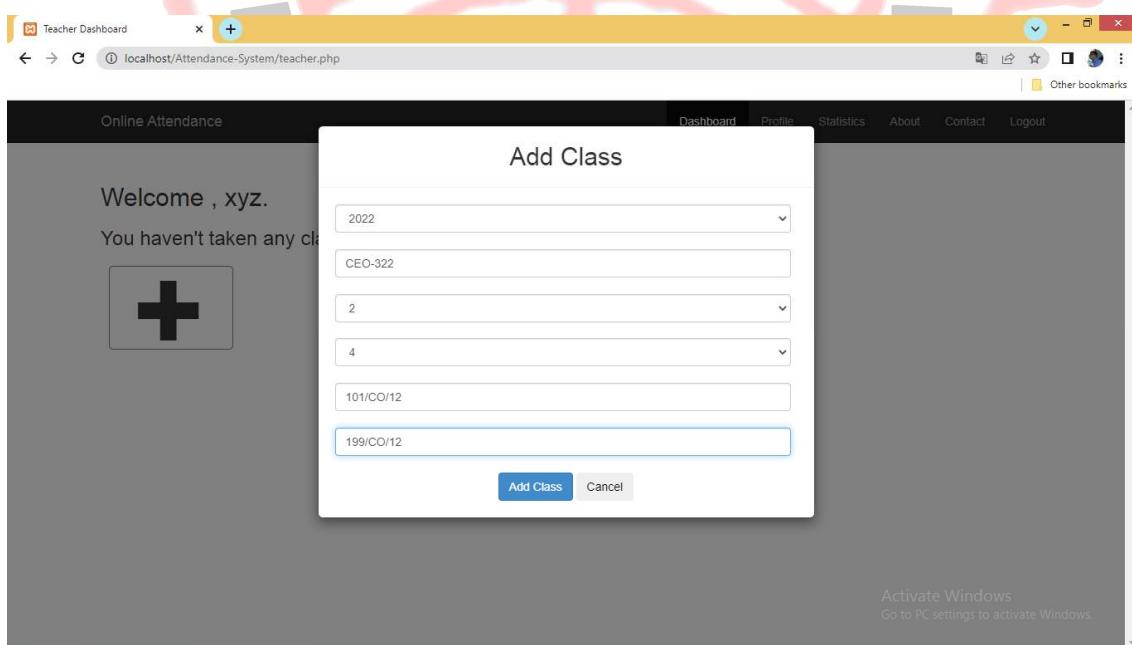
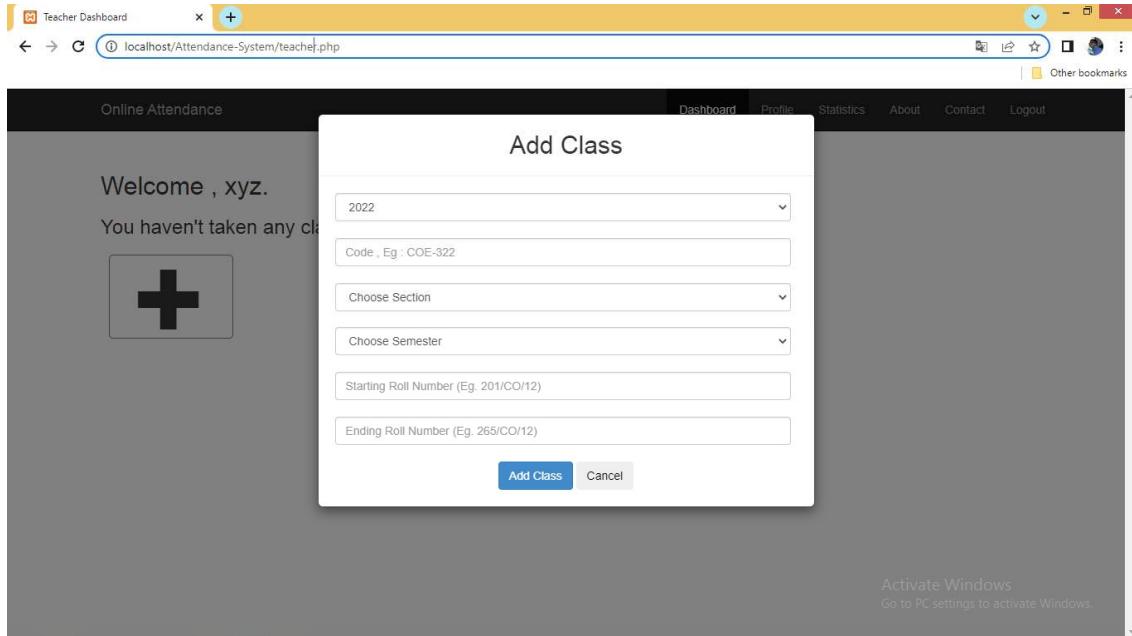
```

<!-- FOOTER -->
<footer style="background:; height:;>
<p class="pull-right"><a href="#">Back to top</a></p>
<p>&copy; 2017 ProjectWorlds, Inc. &middot; developed by
<a href="https://facebook.com/yugesh.verma.35">Yugesh Verma
</a><a href="http://projectworlds.in">Privacy</a>&middot;<a href="http://projec
tworlds.in">Terms</a></p>
</footer>

</body>
</html>

```





Welcome , xyz.

Code : CEO-322	Section : 2
Year : 2022	Classes : 0

+

Activate Windows
Go to PC settings to activate Windows.

Welcome , xyz

Class : CEO-322 (2) 2022

Number of Classes conducted : 0

Help me!	Send	
101/CO/12: 0	A	X
102/CO/12: 0	A	X
103/CO/12: 0	A	X
104/CO/12: 0	A	X
105/CO/12: 0	A	X
106/CO/12: 0	A	X
107/CO/12: 0	A	X
108/CO/12: 0	A	X
109/CO/12: 0	A	X
110/CO/12: 0	A	X
111/CO/12: 0	A	X
112/CO/12: 0	A	X
113/CO/12: 0	A	X
114/CO/12: 0	A	X
115/CO/12: 0	A	X
116/CO/12: 0	A	X
117/CO/12: 0	A	X
118/CO/12: 0	A	X
119/CO/12: 0	A	X
120/CO/12: 0	A	X
121/CO/12: 0	A	X
122/CO/12: 0	A	X
123/CO/12: 0	A	X
124/CO/12: 0	A	X
125/CO/12: 0	A	X
126/CO/12: 0	A	X
127/CO/12: 0	A	X
128/CO/12: 0	A	X
129/CO/12: 0	A	X
130/CO/12: 0	A	X
131/CO/12: 0	A	X
132/CO/12: 0	A	X
133/CO/12: 0	A	X
134/CO/12: 0	A	X
135/CO/12: 0	A	X
136/CO/12: 0	A	X
137/CO/12: 0	A	X
138/CO/12: 0	A	X
139/CO/12: 0	A	X
140/CO/12: 0	A	X
141/CO/12: 0	A	X
142/CO/12: 0	A	X
143/CO/12: 0	A	X
144/CO/12: 0	A	X
145/CO/12: 0	A	X
146/CO/12: 0	A	X
147/CO/12: 0	A	X
148/CO/12: 0	A	X

Activate Windows
Go to PC settings to activate Windows.

<?php

Submitted By: Maheshwar , Sonu ,Nitish, Harshit, Priyanshu
Department of computer science & engg. , GP BARAUNI

```

session_start();
$isIndex = 0;
if(!array_key_exists('teacher_id',$_SESSION)
&&!isset($_SESSION['teacher_id'])) {
session_destroy();
if(!$isIndex) header('Location: index.php');
}
?>

<?php include 'php/node_class.php'; ?>
<html>
<head>
<link rel="stylesheet" href="css/style.css"/>
<title>Teacher Dashboard</title>
<link rel="stylesheet" href="css/bootstrap.min.css">
<link rel="stylesheet" href="css/bootstrap-theme.min.css">
<script src="js/jquery.min.js"></script>
<script src="js/bootstrap.min.js"></script>
<script src="js/teacher.js"></script>
<!-- Custom styles for this template -->
<link href="navbar-fixed-top.css" rel="stylesheet">
</head>
<body>
<!-- Fixed navbar -->
<nav class="navbar navbar-inverse navbar-fixed-top">
<div class="container">
<div class="navbar-header">
<button type="button" class="navbar-toggle collapsed" data-
toggle="collapse" data-target="#navbar" aria-expanded="false" aria-
controls="navbar">
<span class="sr-only">Toggle navigation</span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
</button>
<a class="navbar-brand" href="index.php">Online Attendance</a>
</div>
<div id="navbar" class="navbar-collapse collapse">
<ul class="nav navbar-nav navbar-right">
<li class="active"><a href="teacher.php">Dashboard</a></li>
<li><a href="profile.php">Profile</a></li>

<li><a href="statistics.php">Statistics</a></li>
<li><a href="#">About</a></li>
<li><a href="#">Contact</a></li>
<li><a href="logout.php">Logout</a></li>

```

```

</ul>
</div><!--/.nav-collapse -->
</div>
</nav><br><br><br><br>

<div class="container">
<?php
$name = $_SESSION['name'];
$classes = $_SESSION['classes'];
$teacher_id = $_SESSION['teacher_id'];
echo'<h2>Welcome , '.$name.'</h2>';
echo'<div class="wrapper">';

// FOR EACH CLASS , GET IT'S INFO AND PREPARE A LINK
$n = newNode;

if(!$classes) {
echo'<h3 class="no-classes">You haven\'t taken any class yet!</h3>';
} else {
echo'<h3 class="no-classes">Click on a class to take attendance.</h3>';
foreach($classes as $class_id) {
$node = $n->retrieveObject($class_id,$teacher_id) or die("No such record");
$code = $node->getCode();
$section = $node->getSection();
$year = $node->getYear();
$numClasses = $node->getDays();
$link = 'take.php?cN='.$class_id;
echo'<div class="class">
<button class="bttnbtn-danger delete-class-warning" data-toggle="modal" data-
target=".delete-warning">&times;</button>
<a class="no-decoration" href="'.$link.'">
<div><strong>Code</strong> :<span class="code">'.$code.'</span></div>
<div><strong>Section</strong> :<span
class="section">'.$section.'</span></div>
<div><strong>Year</strong> :<span class="year">'.$year.'</span></div>
<div><strong>Classes</strong> : ' . $numClasses . '</div>
</div></a>';
}
}
echo'<div class="class" data-toggle="modal" data-target=".bs-example-modal-
lg" id="addClass">
<span class="glyphicon glyphicon-plus"></span>
</div>
</div>';
?>

</div>

```

```

<div class="modal fade bs-example-modal-lg" tabindex="-1" role="dialog" aria-labelledby="addClass" aria-hidden="true">
<div class="modal-dialog modal-lg">
<div class="modal-content">
<h2 class="text-center"> Add Class </h2>
<hr>
<div id="add_class_form">
<select class="form-control" name="year">
<?php foreach(range(date('Y',time()),1983) as $r)
echo'<option>' . $r . '</option>'; ?>
</select>

<input class="form-control" name="code" placeholder="Code , Eg : COE-322">
<select class="form-control" name="section">
<option value="-1">Choose Section</option>
<?php foreach(range(1,3) as $r) echo'<option>' . $r . '</option>'; ?>
</select>
<select class="form-control" name="semester">
<option value="-1">Choose Semester</option>
<?php foreach(range(1,8) as $r) echo'<option>' . $r . '</option>'; ?>
</select>
<input class="form-control" name="start" placeholder="Starting Roll Number (Eg. 201/CO/12)">
<input class="form-control" name="end" placeholder="Ending Roll Number (Eg. 265/CO/12)">
<button class="btn btn-primary" id="add">Add Class</button>
<button class="btn" id="cancel">Cancel</button>
</div>
</div>
</div>
</div>
<div class="modal fade delete-warning" tabindex="-1" role="dialog" aria-labelledby="delete-warning" aria-hidden="true">
<div class="modal-dialog modal-sm">
<div class="modal-content">
<h2 class="text-center"> Do you really want to delete <br><span class="warning-class"></span> ?</h2>
<hr>
<div class="text-center">
<p>
Are you sure you want to delete <span class="warning-class"></span> ?<br>
You can't undo this action.
</p>

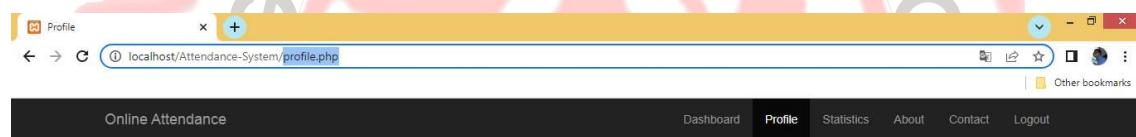
```

```

<button class="btn btn-danger delete-class-
code">Delete</button><button class="btn btn-primary" onclick="$('.delete-
warning').modal('hide');">Cancel</button>
</div>
</div>
</div>
</div>
</body>
</html>

```

profile.php



Welcome , xyz. Edit your profile here.

| | |
|-----------|--|
| Name : | <input type="text" value="xyz"/> |
| Phone : | <input type="text" value="9931160839"/> |
| Email : | <input type="text" value="xyz@gmail.com"/> |
| Classes : | 0 |

Activate Windows
Go to PC settings to activate Windows.

```

<?php
session_start();
$isIndex = 0;
if(!array_key_exists('teacher_id',$_SESSION)
&&!isset($_SESSION['teacher_id'])) {
session_destroy();
if(!$isIndex) header('Location: index.php');
}

```

```

?>
<?php include 'php/node_class.php'; ?>
<html>
<head>
<link rel="stylesheet" href="css/style.css"/>
<title>Profile</title>
<link rel="stylesheet" href="css/bootstrap.min.css">
<link rel="stylesheet" href="css/bootstrap-theme.min.css">
<script src="js/jquery.min.js"></script>
<script src="js/bootstrap.min.js"></script>
<script src="js/profile.js"></script>
<!-- Custom styles for this template -->
<link href="navbar-fixed-top.css" rel="stylesheet">
</head>
<body>
<!-- Fixed navbar -->
<nav class="navbar navbar-inverse navbar-fixed-top">
<div class="container">
<div class="navbar-header">

<button type="button" class="navbar-toggle collapsed" data-
    toggle="collapse" data-target="#navbar" aria-expanded="false" aria-
    controls="navbar">
    <span class="sr-only">Toggle navigation</span>
    <span class="icon-bar"></span>
    <span class="icon-bar"></span>
    <span class="icon-bar"></span>
</button>
<a class="navbar-brand" href="index.php">Online Attendance</a>
</div>
<div id="navbar" class="navbar-collapse collapse">
<ul class="nav navbar-nav navbar-right">
<li><a href="teacher.php">Dashboard</a></li>
<li class="active"><a href="profile.php">Profile</a></li>

<li><a href="statistics.php">Statistics</a></li>
<li><a href="#about">About</a></li>
<li><a href="#contact">Contact</a></li>
<li><a href="logout.php">Logout</a></li>

</ul>
</div><!-- /.nav-collapse -->
</div>
</nav><br><br><br><br>

```

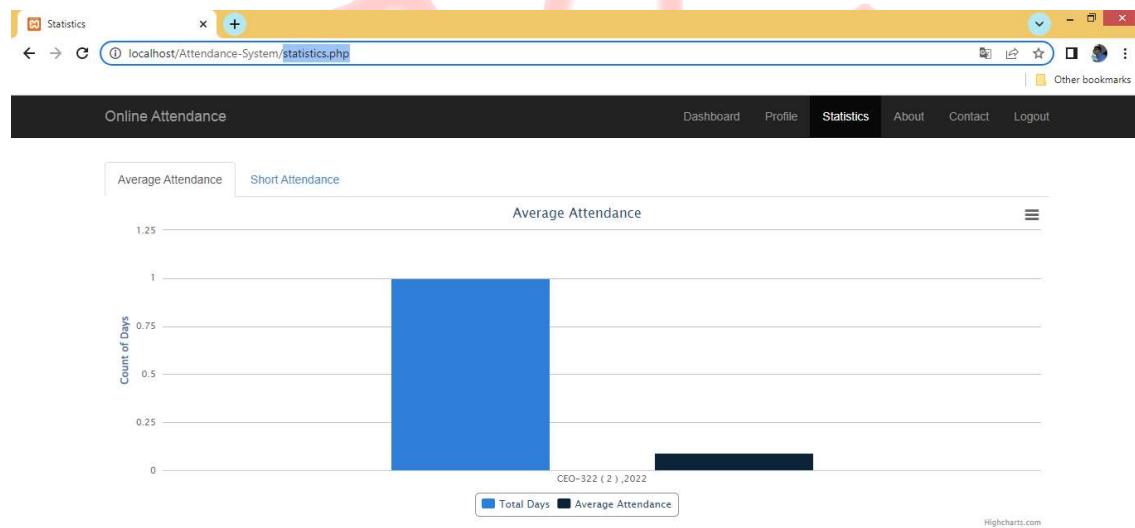
```

<divclass="container">
<?php
$name = $_SESSION['name'];
$phone = $_SESSION['phone'];
$email = $_SESSION['email'];
$classes = $_SESSION['classes'];
$teacher_id = $_SESSION['teacher_id'];
echo'<h2>Welcome , '.$name.'. Edit your profile here.</h2><br>';
?>
<divclass="wrapper">
<dlclass="dl-horizontal">
<dt>Name :</dt>
<dd>
<divclass="input-group">
<spanclass="input-group-addon"><spanclass="glyphicon glyphicon-user"></span></span>
<inputclass="form-control" name="name" placeholder="Enter your
name" value="<?phpecho$name; ?>">
</div>
</dd>
<dt>Phone :</dt>
<dd>
<divclass="input-group">
<spanclass="input-group-addon"><spanclass="glyphicon glyphicon-phone"></span></span>
<inputclass="form-control" name="phone" placeholder="Enter your
phone" value="<?phpecho$phone; ?>">
</div>
</dd>
<dt>Email :</dt>
<dd>
<divclass="input-group">
<spanclass="input-group-addon">@</span>
<inputclass="form-control" name="email" placeholder="Enter your email"
value="<?phpecho$email; ?>">
</div>
</dd>
<dt>Classes :</dt>
<dd><?phpecho$classes == 0? 0 :count($classes); ?></dd>
</dl>
<buttonclass="btn btn-success update-profile">Save</button>
</div>
</div>
</body>

```

</html>

statistics.php



```

<?php
session_start();
$isIndex = 0;
if(!array_key_exists('teacher_id',$_SESSION)
&&isset($_SESSION['teacher_id'])) {
session_destroy();
if(!$isIndex) header('Location: index.php');
}
?>
<?phpinclude 'php/node_class.php'; ?>
<html>
<head>
<linkrel="stylesheet"href="css/style.css"/>
<title>Statistics</title>

```

```

<link rel="stylesheet" href="css/bootstrap.min.css">
<link rel="stylesheet" href="css/bootstrap-theme.min.css">
<script src="js/jquery.min.js"></script>
<script src="js/bootstrap.min.js"></script>
<script src="js/highcharts.js"></script>
<script src="js/highcharts-exporting.js"></script>
<script src="js/statistics.js"></script>
<!-- Custom styles for this template -->
<link href="navbar-fixed-top.css" rel="stylesheet">
</head>
<body>
<!-- Fixed navbar -->
<nav class="navbar navbar-inverse navbar-fixed-top">
<div class="container">
<div class="navbar-header">
<button type="button" class="navbar-toggle collapsed" data-
    toggle="collapse" data-target="#navbar" aria-expanded="false" aria-
    controls="navbar">
<span class="sr-only">Toggle navigation</span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
</button>
<a class="navbar-brand" href="index.php">Online Attendance</a>
</div>
<div id="navbar" class="navbar-collapse collapse">
<ul class="nav navbar-nav navbar-right">
<li><a href="teacher.php">Dashboard</a></li>
<li><a href="profile.php">Profile</a></li>

<li class="active"><a href="statistics.php">Statistics</a></li>
<li><a href="#about">About</a></li>
<li><a href="#contact">Contact</a></li>
<li><a href="logout.php">Logout</a></li>

</ul>
</div><!-- .nav-collapse -->
</div>
</nav><br><br><br><br>

<div class="container">
<div class="wrapper">
<?php
$classes = $_SESSION['classes'];
$teacher_id = $_SESSION['teacher_id'];
$n = newNode;

```

```

if($classes != 0) {
$data = array();
foreach($classes as $c) {
$node = $n->retrieveObjecti($c,$teacher_id) or die("No such record");

$key = $node->getCode(). ' (' . $node->getSection(). ' ) , ' . $node->getYear();

$total_days = $node->getDays();

$data[$key] = array("total"=>$total_days,"average"=>0,"detained"=>0);
if($total_days) {
$detained = array();
$sum = 0;
$count = 0;
foreach($node->getRecords() as $roll =>$rec) {
$sum += $rec['present'];
$count++;
if($rec['present']/$total_days<0.5) $detained[$roll] =
(100*($rec['present']/$total_days));
}
$data[$key]['average'] = ($sum/($count));
$data[$key]['detained'] = $detained;
}
}
echo'<script> var data = '.json_encode($data).'; </script>';
echo'<ul class="nav nav-tabs">
<li class="active"><a href="#graph">Average Attendance</a></li>
<li><a href="#detained">Short Attendance</a></li>
</ul>
<div class="content">
<div id="graph">
</div>
<div id="detained">';
foreach($data as $class =>$d) {
echo'<div class="classes">' . $class. ' <span
class="badge">' . ($d['detained']==0?0:count($d['detained'])) . '</span><div
class="list">';

if($d['detained'] !=0)
foreach($d['detained'] as $roll =>$percent) {
echo'<p>' . $roll. ' (' . $percent. ' % )</p>';
}
echo'</div></div>';
}
echo'
</div>
</div>

```

```

';
}
else {
echo"<h3> You have no classes added yet </h3>";
}
?>
</div>
</div>
</body>
</html>

```

class.php

```

<?php
session_start();
$isIndex = 0;
if(!array_key_exists('teacher_id',$_SESSION)
&&!isset($_SESSION['teacher_id'])) {
session_destroy();
if(!$isIndex) header('Location: index.php');
}
?>
<?phpinclude'php/node_class.php'; ?>
<html>
<head>
<linkrel="stylesheet"href="css/style.css"/>
<title>Edit Class</title>
<linkrel="stylesheet"href="css/bootstrap.min.css">
<linkrel="stylesheet"href="css/bootstrap-theme.min.css">
<scriptsrc="js/jquery.min.js"></script>
<scriptsrc="js/bootstrap.min.js"></script>
<scriptsrc="js/class.js"></script>

<style>.form-control{display:inline-block!important; width: 185px!important;
margin:5px!important;}.details{padding:5px10px;margin-bottom:30px;border:
1pxsolidlightgrey;border-top: none;}</style>
</head>

```

```

<body>
<div id="header" class="clearfix">
<h1>Netaji Subhas Institute of Technology</h1>
<h3>Edit Class</h3>
</div>
<nav class="navbar navbar-default" id="sub-menu">
<div class="navbar-header">
<button type="button" class="navbar-toggle" data-toggle="collapse" data-target="#bs-example-navbar-collapse-1">
<span class="sr-only">Toggle navigation</span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
</button>
</div>
<div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">
<ul class="nav navbar-nav navbar-left">
<li><a href="teacher.php">Home</a></li>
<li><a href="profile.php">Profile</a></li>
<li class="active"><a href="class.php">Classes</a></li>
<li><a href="statistics.php">Statistics</a></li>
<li><a href="logout.php">Logout</a></li>
</ul>
</div>

</nav>
<div class="container">
<h2> You can edit details of your classes here. </h2>
<?php
$classes = $_SESSION['classes'];
$teacher_id = $_SESSION['teacher_id'];

if(!$classes) echo'<h4> You haven\'t taken any classes yet. </h4>';
else {
foreach($classes as $class_id) {
$n = newNode;
$node = $n->retrieveObjecti($class_id,$teacher_id) or die("No such record");
$code = $node->getCode();
$section = $node->getSection();
$year = $node->getYear();
$semester = $node->getSemester();

echo'<ul class="nav nav-tabs">

```

```

<li class="active"><a href="#"><strong>' . $code . ' ( ' . $section . ' ) ,  

' . $year . '</strong></a></li>  

</ul>';  

echo'<div class="details" id="_' . $class_id . '_">';  

echo'Code :<input class="form-control" name="code" value="' . $code . '"  

placeholder="Enter code , eg COE-123">';  

echo'Year :<input class="form-control" name="year" value="' . $year . '"  

placeholder="Enter Year">';  

echo'Section :<input class="form-control" name="section" value="' . $section . '"  

placeholder="Enter Section">';  

echo'Semester :<input class="form-control" name="semester"  

value="' . $semester . '" placeholder="Enter Semester">';  

echo'<button class="btn btn-success update">Update</button>';  

echo'</div>';  

}  

}  

?>
</div>
</body>
</html>

```

Session.php

```

<?php
session_start();
print_r($_SESSION);

?>

```

take.php

```

<?php
$isIndex = 0;
session_start();
if(!array_key_exists('teacher_id',$_SESSION)
&&!isset($_SESSION['teacher_id'])) {
session_destroy();
if(!$isIndex) header('Location: index.php');
}
?>
<?php include 'php/node_class.php'; ?>
<?php
/*

```

```

login -> session mai save hogakuch , which will identify the teacher
addClass -> we will get a link , which will have cN as an identifier of the
class
we use these to find the 'object' of this particular class
then we show the list of students , with their attendance and stuff
then we have javascript which will function on the buttons next to each
student
then we have a save button
*/
$teacher_id = $_SESSION['teacher_id'];
$classes = $_SESSION['classes'];
$name = $_SESSION['name'];

if(!isset( $_GET['cN'] ) || empty( $_GET['cN'] ) ) {
die('<h1>Invalid Request</h1>');
}
$class_id = $_GET['cN'];

if(!in_array($class_id,$classes)) die( "No such record." );
// Assuming that we have validated and thrown errors if any , we proceed
// By finding the particular object we are talking about

// Connecting to the database
$classNode = newNode;
$node = $classNode->retrieveObjecti($class_id,$teacher_id) or die("No such
record");

// Intimating the teacher about Number of Classes , and student list
// A foreach loop which will go on till all students are covered
$records = $node->getRecords();
?>
<html>
<head>
<linkrel="stylesheet" href="css/style.css"/>
<title><?phpecho$name. ' - '. $node->getCode(). ' ('.$node->getSection().')
'. $node->getYear(); ?></title>
<linkrel="stylesheet" href="css/bootstrap.min.css">
<linkrel="stylesheet" href="css/bootstrap-theme.min.css">
<scriptsrc="js/jquery.min.js"></script>
<scriptsrc="js/bootstrap.min.js"></script>
<!-- Custom styles for this template -->
<linkhref="navbar-fixed-top.css"rel="stylesheet">
<script>

```

```

varnumberOfDays = <?phpecho$node->getDays(); ?>;
varclass_id = <?phpecho$class_id;?>;
varteacher_id = <?phpecho$teacher_id; ?>;
</script>
<scriptsrc="js/take.js"></script>
</head>

<body>
<!-- Fixed navbar -->
<navclass="navbar navbar-inverse navbar-fixed-top">
<divclass="container">
<divclass="navbar-header">

<buttontype="button" class="navbar-toggle collapsed" data-
toggle="collapse" data-target="#navbar" aria-expanded="false" aria-
controls="navbar" >
<spanclass="sr-only">Toggle navigation</span>
<spanclass="icon-bar"></span>
<spanclass="icon-bar"></span>
<spanclass="icon-bar"></span>
</button>
<aclass="navbar-brand" href="index.php" >Online Attendance</a>
</div>
<divid="navbar" class="navbar-collapse collapse">
<ulclass="nav navbar-nav navbar-right">
<li><a href="teacher.php" >Dashboard</a></li>
<li><a href="profile.php" >Profile</a></li>

<li><a href="statistics.php" >Statistics</a></li>
<li><a href="#about" >About</a></li>
<li><a href="#contact" >Contact</a></li>
<li><a href="logout.php" >Logout</a></li>

</ul>
</div><!-- .nav-collapse -->
</div>
</nav><br><br><br><br>

<divclass="container">
<?php
echo'<h1>Welcome , '.$name.'</h1>';
echo'<h3>Class : '.$node->getCode(). ' ('.$node->getSection().') ' .$node-
>getYear().'</h3>';
echo'<h3>Number of Classes conducted : '.$node->getDays().'</h3>';

```

```

echo'<button class="btn btn-primary" data-toggle="modal" data-target=".bs-
example-modal-sm">Help me!</button><button id="submit" class="btn btn-
success">Send</button>';
?>
<div id="studentRecords">
<?php
foreach($records as $roll =>$data) {
echo'<div class="student-record">
<span class="roll"><a href="student.php?roll='.$str_replace("/", "-",
",$roll).'&code='.$node->getCode().'&year='.$node-
>getYear().'&section='.$node->getSection().'">' . $roll. '</a></span>:

<span class="present">' . $data['present'] . '</span>.
' <button class="marker btn">A</button><button class="btn btn-danger delete-
roll" data-toggle="modal" data-target=".delete-warning">&times;</button>
</div>';
}
?>
</div>
<div class="modal fade bs-example-modal-sm" tabindex="-1" role="dialog" aria-
labelledby="mySmallModalLabel" aria-hidden="true">
<div class="modal-dialog modal-sm">

<div class="modal-content">
<h2 class="text-center"> Instructions </h2>
<hr>
<ol class="text-left">
<li>Click on any student's roll number to see his/her records, attendance
percentage etc.</li>
<li>The number next to any student shows the number of days he/she has
attended your class</li>
<li>Click the <button class="btn">A</button> button next to that roll number
to mark that student as present</li>
<li>Click the <button class="btn btn-success">P</button> button if you have
accidentally marked that student as present</li>
<li>Click the <button class="btn btn-danger">&times;</button> button to delete
that roll number (can't undo this action)</li>
<li>Click the <button class="btn btn-success">Send</button> button at top to
save your attendance details</li>
</ol>
</div>
</div>
</div>
<div class="modal fade delete-warning" tabindex="-1" role="dialog" aria-
labelledby="delete-warning" aria-hidden="true">
<div class="modal-dialog modal-sm">

```

```

<div class="modal-content">
<h2 class="text-center"> Do you really want to delete <span class="warning-roll"></span> ?</h2>
<hr>
<div class="text-center">
<p>
Are you sure you want to delete <span class="warning-roll"></span> ?<br>
You can't undo this action.
</p>
<button class="btn btn-danger delete-rollnumber">Delete</button><button class="btn btn-primary" onclick="$('.delete-warning').modal('hide');">Cancel</button>
</div>

</div>
</div>
</div>
</div>
</body>
</html>

```



Logout.php

```

<?php
session_start();
session_destroy();
header('Location: index.php');
?>

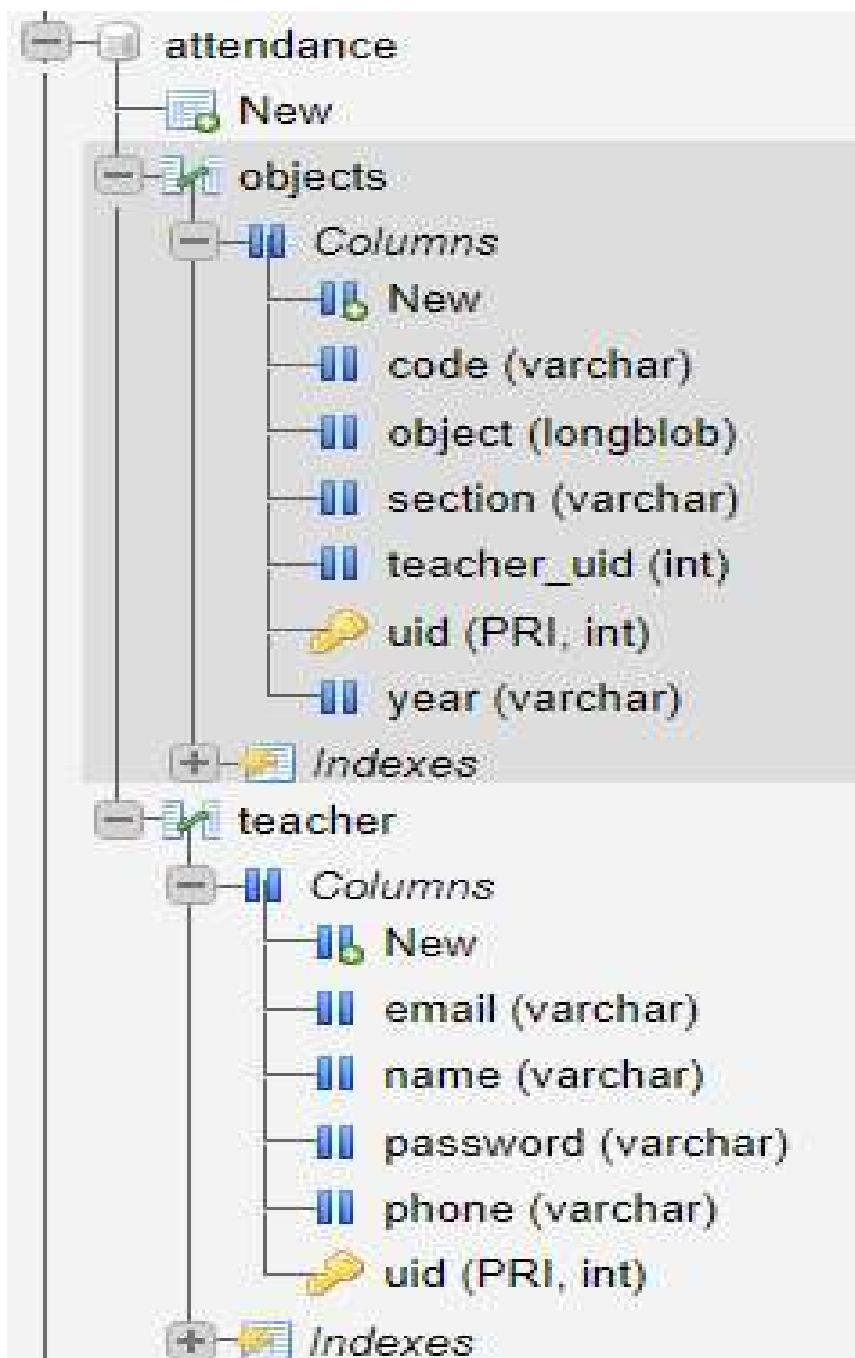
```

Database Description :

Database Name : attendance

Table1 : objects

Table2 : teacher



Admin Table:

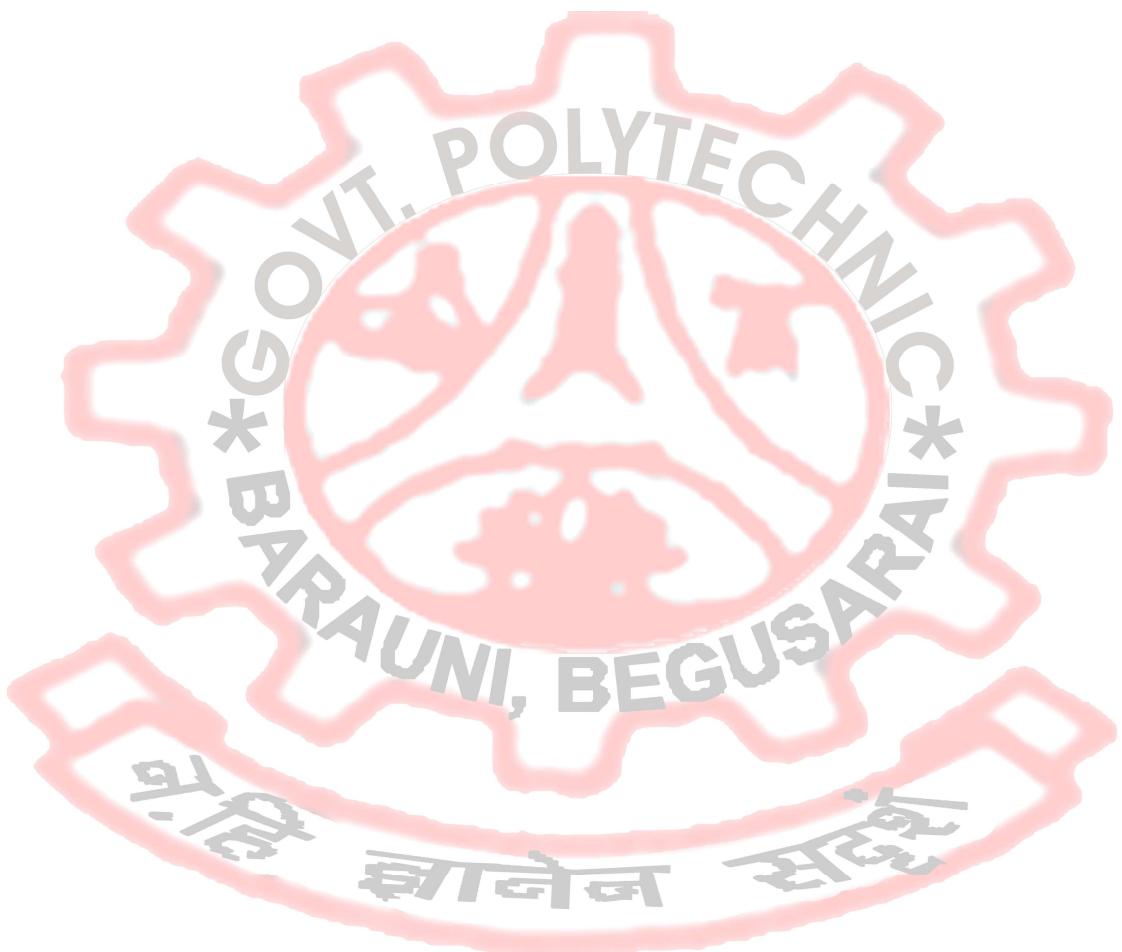
| S.No. | Field name | Data Type | Description |
|-------|------------|-----------|---|
| 1. | User name | Text | Store user name for checking correct username |
| 2. | Password | Text | Store password corresponding to username |
| 3. | User Type | Text | User Type Administrator or User |

Teacher Table:

| S.No. | Field name | Data Type | Description |
|-------|--------------|-----------|------------------------------|
| 1. | Teacher Id | Number | Unique key for Every Teacher |
| 2. | Teacher Name | Text | Name of Teacher |

Attendance Table:

| S.No. | Field name | Data Type | Description |
|-------|--------------|-----------|--|
| 1. | Student Name | Text | Name of Student |
| 2. | Status | Number | Total number classes attended by particular Student |
| 3. | Semester | Text | In which Semester Student is Studying |
| 4. | Subject | Text | The Subject Wise Attendance is maintained |
| 5. | Month | Text | The Month Wise Attendance is maintained where total working days in month=20 |



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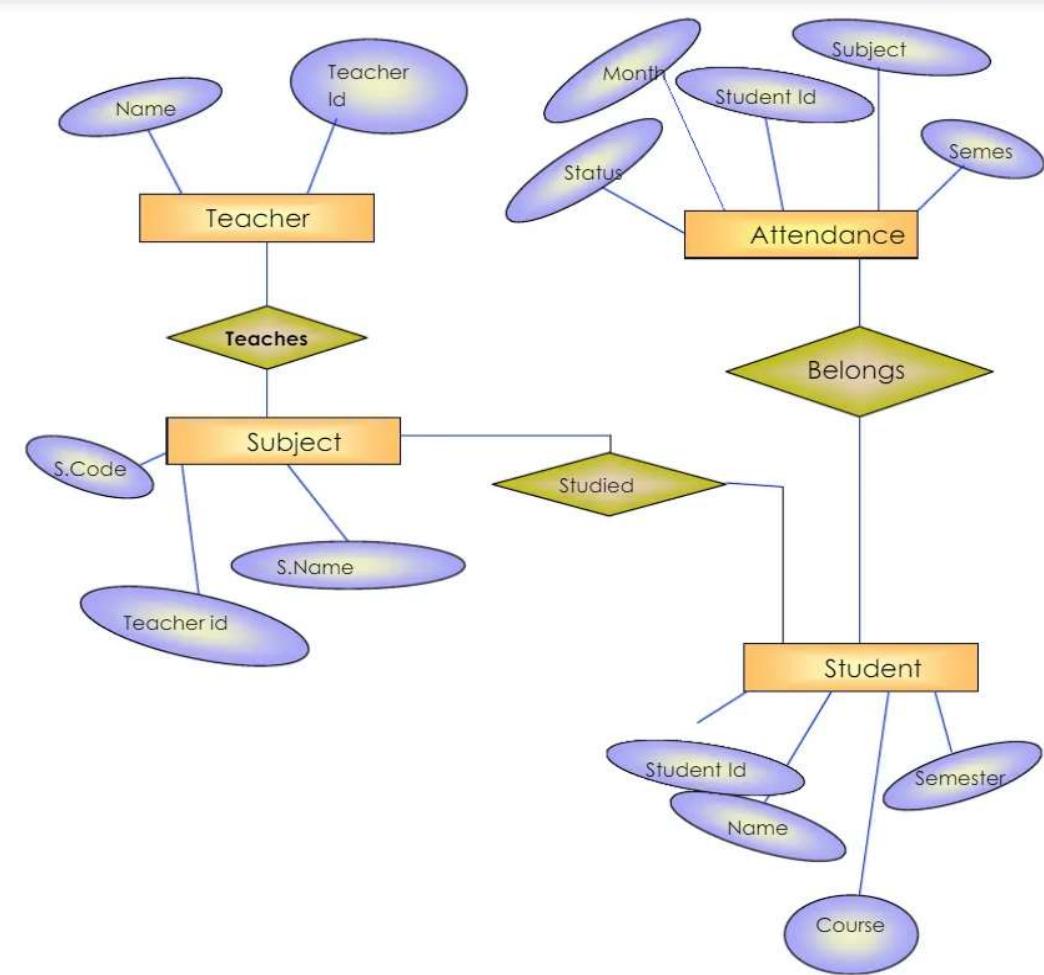
Subject Table:

| S.No. | Field name | Data Type | Description |
|-------|--------------|-----------|---------------------------------------|
| 1. | Code | Number | Subject code a unique key |
| 2. | Subject Name | Text | Name of Subjects in all semester |
| 3. | Semester | Text | In which Semester student is studying |

Student Table:

| S.No. | Field name | Data Type | Description |
|-------|--------------|-----------|--|
| 1. | Student ID | Number | This is the roll no of the student |
| 2. | Student Name | Text | This is the name of student |
| 3. | Course | Text | This is the course in which the students are studying .By default course is MCA |
| 4. | Semester | Text | This is the semester in which Students are Studying. By default Semester is IV sem |

ER DIAGRAM



SYSTEM TESTING

Once source code has been generated, software must be tested to uncover (and correct) as many errors as possible before delivery to customer. Our goal is to design a series of test cases that have a high likelihood of finding errors. To uncover the errors software techniques are used. These techniques provide systematic guidance for designing test that Exercise the internal logic of software components. and Exercise the input and output domains of the program to uncover errors In program function. behavior and performance.

Internal program logic is exercised using-White box test case design Techniques Software requirements are exercised using -block box test case Design techniques In both cases, the intent is to find the maximum number of errors with the Minimum amount of effort

TESTING METHODOLOGIES

A strategy for software testing must accommodate low-level tests that are necessary to verify that a small source code segment has been correctly implemented as well as high-level tests that validate major system functions against customer requirements. A strategy must provide guidance for the practitioner and a set of milestones for the manager.

Because the steps of the test strategy occur at a time when deadline pressure begins to rise, progress must be measurable and problems must surface as early as possible. Following testing techniques are well known and the same strategy is adopted during this project testing.

UNIT TESTING

Unit testing focuses verification effort on the smallest unit of software design the software component or module. The unit test is white-box oriented. The unit testing implemented in every module of student attendance management System. by giving correct manual input to the system the data are stored in database and retrieved. If you want required module to access input or gets the output from the End user Any error will accrued the time will provide handler to show what type of error will accrued

SYSTEM TESTING

System testing is actually a series of different tests whose primary purpose is to fully exercise the computer-based system. Below we have described the two types of testing which have been taken for this project, it is to check all modules worked on input basis .if you want change any values or inputs will change all information so specified input is must

PERFORMANCE TESTING

Performance testing is designed to test the run-time performance of software within the context of an integrated system. Performance testing occurs throughout all steps in the testing process. Even at the unit level, the performance of an individual module may be assessed as white-box tests are conducted. This project reduce attendance table, codes, it will generate report fast.no have extra time or waiting of results entered correct data will show result few millisecond, just used only low memory of our system. Automatically do not getting access at another software. Get user permission and access to other applications.

BIBLIOGRAPHY

BOOKS

❖ The Joy of PHP: A Beginner's Guide to Programming

❖ Head First HTML and CSS

Book by Elisabeth Robson and Eric Freeman

❖ JavaScript: The Good Parts

Book by Douglas Crockford

❖ High Performance MySQL: Optimization, Backups, and Replication

ONLINE REFERENCE

➤ www.w3schools.com

➤ www.freecodecamp.com

- www.treehouse.com
- www.github.com

CONCLUSION



In today's Web development, a good page design is essential. A bad design will lead to the loss of visitors and that can lead to a loss of business. In general, a good page layout has to satisfy the basic elements of a good page design. This includes color contrast, text organization, font selection, style of a page, page size, graphics used, and consistency. In order to create a well-designed page for a specific audience. The developer needs to organized and analyze the users' statistics and the background of the users. Although it can be hard to come up with a design that is well suited to all of the users, there will be a design that is appropriate for most of the audience. The better the page design, the more hits a page will get. That implies an increase in accessibility and a possible increase in business.