

**ATTENDANCE MANAGEMENT SYSTEM
17CS3116R – ENTERPRISE PROGRAMMING**

PROJECT BASEDREPORT

ON

ATTENDANCE MANAGEMENT SYSTEM

submitted in partial fulfillment of the requirement for the award of the degree of

BACHELOR OF TECHNOLOGY

In

COMPUTER SCIENCE AND ENGINEERING

By

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(2019-2020)

K L (Deemed to be) University
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is certify that the project based report entitled “**ATTENDANCE MANAGEMENT SYSTEM**” is a bonafide work done and submitted by **G.G.Krishna vamsi(170030383), N.Sharan(170031207), G.Ravi teja(170030395)** in partial fulfillment of the requirements for the award of the degree of **BACHELOR OF TECHNOLOGY** in Department of Computer Science Engineering, K L (Deemed to be University), Guntur District during the academic year **2019-2020**.

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DECLARATION

This is certify that the project based report entitled “**ATTENDANCE MANAGEMENT SYSTEM**” is a bonafide work done and submitted **G.G.Krishna vamsi(170030383),N.Sharan(170031207), G.Ravi teja(170030395)** in partial fulfillment of the requirements for the award of the degree of **BACHELOR OF TECHNOLOGY** in Department of Computer Science Engineering, K L (Deemed to be University), Guntur District during the academic year **2019-2020**.

G.G.Krishna Vamsi (170030383)

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The success in this project would not have been possible but for the timely help and guidance rendered by many people. Our sincere thanks to all those who has assisted us in one way or the other for the completion of my project.

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We express our gratitude to **Mr. V. Hari Kiran**, Head of the Department for Computer Science and Engineering for providing us with adequate facilities, ways and means by which we are able to complete this project.

We thank all the members of teaching and non-teaching staff members, and also who have assisted me directly or indirectly for successful completion of this project.

Finally, I sincerely thank my friends and classmates for their kind help and co-operation during our work.

G.G.Krishna Vamsi (170030383)

N.Sharan (170031207)

G.Ravi teja (170030395)

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1. ABSTRACT

Aim of this project is to maintain attendance of students attending different events being conducted in college. We have 2 modules in this project.

1. Team Head

2. Team members

Initially a website must open which contains details of all the events in the university. When a particular event is selected, a list must open which has details of the event, team lead column and team member column. In team lead module, team lead can login with correct credentials where dashboard is shown. There he can find attendance column and can create new events. In attendance column, checkbox for each team member is displayed where team lead can mark attendance. At the end of the day attendance should be converted into excel sheet. In Team member Module, they can register and see details of team lead and attendance details.

2. METHODOLOGY

The attendance management system is mainly divided into two parts.

1. Team Leader
2. Team Member

1.Team Leader:

- The team leader module mainly consists of team leader login module, change password module, attendance module (in which the team leader will mark attendance) and the attendance register module (where the leader can check the attendance he marked).
- The team leader login module performs login task where the team leader uses the credential's given by the admin to login into the attendance management system.
- After logging in he gets a display of bar where he can choose these operations like attendance module, change password module, attendance register module.
- In change password module the team leader can change his password.
- In the attendance module the team leader can mark attendance to the students registered to the event.
- In attendance register module the team leader can check the attendance he/she marked to the students.

2.Team Member:

- The team member module mainly consists of registration module, login module, change password module, check attendance module.
- By visiting the attendance management system home page, we can see a bar which has home, team leader, team member, contact us.
- On clicking the team member on the bar, the team member signup form will be opened i.e. registration module.
- After filling in the required details in the signup form the team member will get the login credentials. Using that the team member can login to the attendance management system. After logging in he can see a bar which consists of change password and check attendance.

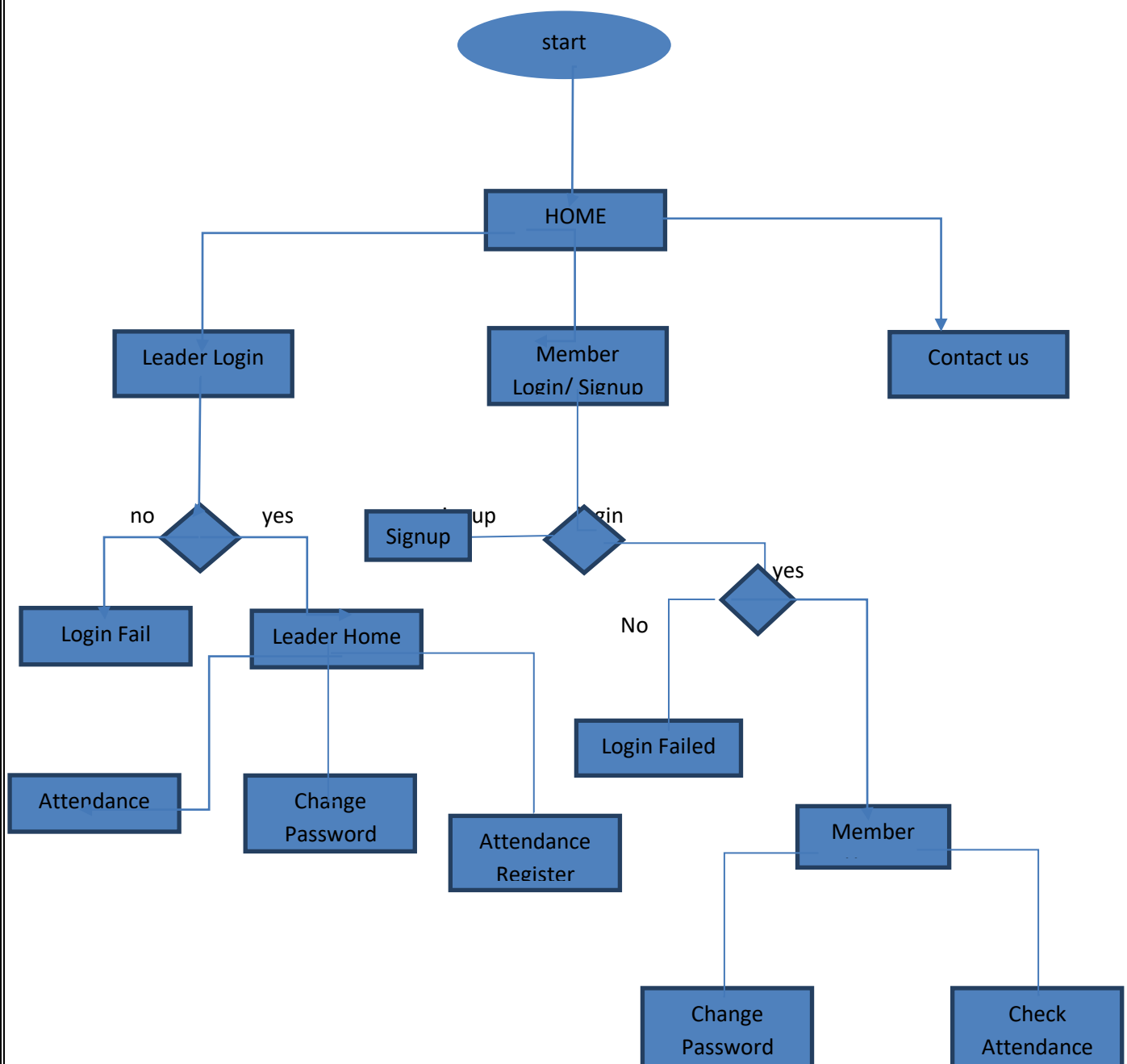
ATTENDANCE MANAGEMENT SYSTEM

- In change password module the team member can change his/her respective password.
- In check attendance module the team member can see the status of the attendance whether he/she is present for the event or not.

3.Contact Us:

- In this module we will display some set of mobile numbers, emails and etc. To help any person with any queries on how to use our attendance management system.

3. BLOCK DIAGRAM



4. SOFTWARE REQUIREMENTS

Front End – HTML, CSS and Javascript

HTML:

HTML is the standard markup language for creating Web pages.

- HTML stands for Hyper Text Markup Language
- HTML describes the structure of a Web page
- HTML consists of a series of elements
- HTML elements tell the browser how to display the content
- HTML elements are represented by tags
- HTML tags label pieces of content such as "heading", "paragraph", "table", and so on
- Browsers do not display the HTML tags, but use them to render the content of the page

CSS:

- CSS stands for Cascading Style Sheets
- CSS describes **how HTML elements are to be displayed on screen, paper, or in other media**
- CSS **saves a lot of work**. It can control the layout of multiple web pages all at once
- External stylesheets are stored in **CSS files**

JAVASCRIPT :

JavaScript is the programming language of HTML and the Web

Middleware –JSP

JSP :

JSP technology is used to create web application just like Servlet technology. It can be thought of as an extension to Servlet because it provides more functionality than servlet such as expression language, JSTL, etc.

A JSP page consists of HTML tags and JSP tags. The JSP pages are easier to maintain than Servlet because we can separate designing and development. It provides some additional features such as Expression Language, Custom Tags, etc.

Backend – Oracle

IDE – Eclipse

Web server – Apache Tomcat 7 or above

Development Kit – JDK 1.7 or above

Platform Requirements:

Hardware/Software	Hardware/Software Element	Specification/version
Hardware	Processor	Intel Core
	RAM	1GB
	Hard Disk	100GB
Software	OS	Windows 10
	Java Related IDE	Java 8
	Oracle XE	Oracle 10.2.0
	Tomcat Server	Tomcat 8.0
	Eclipse	Eclipse 4.6.0

5. IMPLEMENTATION

Index.html

```
<!DOCTYPEhtml>
<html>
  <head>
    <metaname="viewport"content="width=device-width, initial-scale=1">
    <linkrel="stylesheet"href="https://cdnjs.cloudflare.com/ajax/libs/font-
    awesome/4.7.0/css/font-awesome.min.css">
    <style>
      body {
        font-family: Arial, Helvetica, sans-serif;
      }
      body{
        background-image: url("1.png");
        height:100vh;
        background-size:cover;
        background-position:center;
      }

      .navbar {
        overflow: hidden;
        background-color: #333;
      }

      .navbara {
        float: Left;
        font-size: 16px;
        color: white;
        text-align: center;
        padding: 14px 16px;
        text-decoration: none;
      }

      .dropdown {
        float: Left;
        overflow: hidden;
```

```
}

.dropdown.dropbtn {
font-size: 16px;
border: none;
outline: none;
color: white;
padding: 14px 16px;
background-color: inherit;
font-family: inherit;
margin: 0;
}

.navbar:hover,.dropdown:hover.dropbtn {
background-color: red;
}

.dropdown-content {
display: none;
position: absolute;
background-color: #f9f9f9;
min-width: 160px;
box-shadow: 0px 8px 16px rgba(0,0,0,0.2);
z-index: 1;
}

.dropdown-contenta {
float: none;
color: black;
padding: 12px 16px;
text-decoration: none;
display: block;
text-align: left;
}

.dropdown-contenta:hover {
background-color: #ddd;
}

.dropdown:hover.dropdown-content {
```

```

display: block;
}

</style>
<linkrel="stylesheet"href="https://stackpath.bootstrapcdn.com/fontawesome/4
.7.0/css/font-awesome.min.css">
</head>
<body>

<divclass="navbar">
<ahref="index.html"><iclass="fa fa-home"aria-
hidden="true"></i>&nbsp;Home</a>
<ahref="#gallery"><iclass="fa fa-picture-o"aria-
hidden="true"></i>&nbsp;Gallery</a>

<ahref="TeamLead-Login.html"><iclass="fa fa-sign-in"aria-
hidden="true"></i>&nbsp;Team Leader Login</a>
<ahref="TeamMembers-Login.html"><iclass="fa fa-sign-in"aria-
hidden="true"></i>&nbsp;Team Membership Login</a>
<ahref="TeamMembers-register.html"><iclass="fa fa-sign-in"aria-
hidden="true"></i>&nbsp;Team Membership Register</a>
<ahref="about.html"><iclass="fa fa-info-circle"aria-
hidden="true"></i>&nbsp;About</a>
</div>

</body>
</html>

```

Checkteamlead.jsp :

```

<%@page language="java" contentType="text/html; charset=ISO-8859-1"
pageEncoding="ISO-8859-1"%>
<%@page import="java.io.IOException,
java.io.PrintWriter, java.sql.Connection, java.sql.DriverManager, java.sql.Pre
paredStatement, java.sql.SQLException, javax.servlet.ServletException, javax.s
ervlet.http.HttpServlet, javax.servlet.http.HttpServletRequest, javax.servlet
.http.HttpServletResponse, java.sql.ResultSet"%>

<%
    String lname = request.getParameter("username");
    String lpwd = request.getParameter("password");

```

```

int f=0;

Class.forName("oracle.jdbc.driver.OracleDriver");
Connection con =
DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","ep","ep"
);
PreparedStatement pstmt=con.prepareStatement("select * from teamlead");
ResultSet rs=pstmt.executeQuery();

while(rs.next()){
    if(lname.equals(rs.getString("username"))&&lpwd.equals(rs.getString(
"password"))){
        f=1;
        String lemail = rs.getString("emailid");
        session.setAttribute("lname", lname);
        session.setAttribute("lemail", lemail);
        break;
    }
    else{
        f=0;
    }
}

if(f==1){
    out.println("<center><h1 style='color:blue'> "+ "LOGIN SUCESSFULL"+
"</h1></center>");
    // Redirect to Net Banking Home page

    response.sendRedirect("teamleadhomepage.jsp");
}
else{
    out.println("<center><h1 style='color:red'>"+ "LOGIN UNSUCCESSFULL"+
"</h1></center>");
    out.println("<center><h1 style='color:red'>WE haven't find any bank
acount with the deatils you provided</h1></center>");
    out.println("<center><h3 style='color:red'>please check your
credentials and try again</h3></center>");
    out.println("<center><button style='background-color:yellow'><a href
= 'TeamLead-Login.html'> LOGIN PAGE  </a></button></center>");
}

```

```
%>
```

Changepwd.html :

```
<!DOCTYPEhtml>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
<style>body{
    background-image: url("image.jpg");
    height:100vh;
    background-size:cover;
    background-position:center;
}</style>
</head>
<body>
<form action="changingpwd.jsp" method="post">
<table>
    <tr>
        <td>New Password:</td>
        <td><input type="password" name="pwd" placeholder="Enter
Password"></td>
    </tr>
    <tr>
        <td>Confirm New Password:</td>
        <td><input type="password" name="pwd1" placeholder="Confirm
Password"></td>
    </tr>
    <tr>
        <td><input type="submit" value="Change"></td>
        <td><input type="reset" value="Clear"></td>
    </tr>
</table>
</form>
</body>
</html>
```

Hack.jsp :

```
<%@page language="java" contentType="text/html; charset=ISO-8859-1"
pageEncoding="ISO-8859-1"%>
<!DOCTYPEhtmlPUBLIC "-//W3C//DTD HTML 4.01
Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">
<style>
body {
font-family: Arial, Helvetica, sans-serif;
}
body{
    background-image: url("image.jpg");
    height:100vh;
    background-size:cover;
    background-position:center;
}
```



```
.navbar {
  overflow: hidden;
  background-color: #333;
}

.navbara {
  float: left;
  font-size: 16px;
  color: white;
  text-align: center;
  padding: 14px 16px;
  text-decoration: none;
}

.dropdown {
  float: left;
  overflow: hidden;
}

.dropdown.dropbtn {
  font-size: 16px;
  border: none;
  outline: none;
  color: white;
  padding: 14px 16px;
  background-color: inherit;
  font-family: inherit;
  margin: 0;
}

.navbara:hover, .dropdown:hover .dropbtn {
  background-color: red;
}

.dropdown-content {
  display: none;
  position: absolute;
  background-color: #f9f9f9;
  min-width: 160px;
  box-shadow: 0px 8px 16px 0px rgba(0,0,0,0.2);
  z-index: 1;
}

.dropdown-contenta {
  float: none;
  color: black;
  padding: 12px 16px;
  text-decoration: none;
  display: block;
  text-align: left;
}

.dropdown-contenta:hover {
  background-color: #ddd;
}

.dropdown:hover .dropdown-content {
  display: block;
}
```

```

}

</style>
<linkrel="stylesheet"href="https://stackpath.bootstrapcdn.com/font-
awesome/4.7.0/css/font-awesome.min.css">
<title>Insert title here</title>
<scripttype="text/javascript">

</script>
</head>
<body>
    <divclass="navbar">
        <a href="teamLeadhomepage.jsp"><iclass="fa fa-home"aria-
        hidden="true"></i>&nbsp;Home</a>
        <divclass="dropdown">
            <buttonclass="dropbtn"><iclass="fa fa-server"aria-hidden="true"></i>
            &nbsp;Events
            <iclass="fa fa-caret-down"></i>
        </button>
        <divclass="dropdown-content">
            <a href="work.jsp">Workshop</a>
            <a href="hack.jsp">Hackathon</a>
        </div>
    </div>
    <a href="mchangepwd.html"><iclass="fa fa-sign-in"aria-
    hidden="true"></i>&nbsp;Change Password</a>

    <a href="Logout.jsp"align="right">Logout</a>
</div><br>

</body>

<%@pageimport="java.io.IOException,
java.io.PrintWriter,java.sql.Connection,java.sql.DriverManager,java.sql.Pre
paredStatement,java.sql.SQLException,javax.servlet.ServletException,javax.s
ervlet.http.HttpServlet,javax.servlet.http.HttpServletRequest,javax.servlet
.http.HttpServletResponse,java.sql.ResultSet"%>
<%
Class.forName("oracle.jdbc.driver.OracleDriver");
Connection con =
DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","ep","ep"
);
PreparedStatementpstmt = con.prepareStatement("select * from attendance
where event_id='102'");
ResultSetrs = pstmt.executeQuery();
%>
<formname="attendance">
<%
while(rs.next()){
    %>
    <tablealign="center"width=50%>
    <th><td><h3>MemberID<h3></td><td><h3>Present<h3></td><td><h3>Absent
</h3></td></th>
    <tr><td><td><%out.println(rs.getString("id"));%></td><td><input
type="radio"name="att"></td></tr>
    </table>
    <%
}
%>
</form>

```

```

</html>
<%
%>

```

Checkteammember.jsp :

```

<%@page language="java" contentType="text/html; charset=ISO-8859-1"
pageEncoding="ISO-8859-1"%>
<%@page import="java.io.IOException,
java.io.PrintWriter, java.sql.Connection, java.sql.DriverManager, java.sql.Pre
paredStatement, java.sql.SQLException, javax.servlet.ServletException, javax.s
ervlet.http.HttpServlet, javax.servlet.http.HttpServletRequest, javax.servlet
.http.HttpServletResponse, java.sql.ResultSet"%>

<%
    String mname = request.getParameter("username");
    String mpwd = request.getParameter("password");
    int f=0;

    Class.forName("oracle.jdbc.driver.OracleDriver");
    Connection con =
    DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","ep","ep"
    );
    PreparedStatement pstmt=con.prepareStatement("select * from teammember");
    ResultSet rs=pstmt.executeQuery();

    while(rs.next()){
        if(mname.equals(rs.getString("name"))&&mpwd.equals(rs.getString("pas
sword"))){
            f=1;
            String memail = rs.getString("emailid");
            session.setAttribute("mname", mname);
            session.setAttribute("memail", memail);
            break;
        }
        else{
            f=0;
        }
    }

    if(f==1){

```

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```
out.println("<center><h1 style='color:blue'> "+ "LOGIN SUCESSFULL"+
"</h1></center>");
// Redirect to Net Banking Home page

response.sendRedirect("teammemberhomepage.jsp");
}

else{
    out.println("<center><h1 style='color:red'>"+ "LOGIN UNSUCCESSFULL"+
"</h1></center>");
    out.println("<center><h1 style='color:red'>WE haven't find any bank
acount with the deatils you provided</h1></center>");
    out.println("<center><h3 style='color:red'>please check your
credentials and try again</h3></center>");
    out.println("<center><button style='background-color:yellow'><a href
= 'TeamMembers-login.html'> LOGIN PAGE  </a></button></center>");
}

%>
```

Mchangepwd.html :

```
<!DOCTYPEhtml>
<html>
<head>
<metacharset="ISO-8859-1">
<title>Insert title here</title>
<style>body{
    background-image: url("image.jpg");
    height:100vh;
    background-size:cover;
    background-position:center;
}</style>
</head>
<body>
<formaction="mchangingpwd.jsp"method="post">
<table>
    <tr>
        <td>New Password:</td>
        <td><inputtype="password"name="pwd"palceholder="Enter
Password"></td>
    </tr>
    <tr>
        <td>Confirm New Password:</td>
        <td><inputtype="password"name="pwd1"palceholder="Confirm
Password"></td>
    </tr>
    <tr>
        <td><inputtype="submit"value="Change"></td>
        <td><inputtype="reset"value="Clear"></td>
    </tr>
</table>
</form>
</body>
</html>
```

Mchangingpwd.jsp :

```

<%@page language="java" contentType="text/html; charset=ISO-8859-1"
pageEncoding="ISO-8859-1"%>
<%@page import="java.io.IOException,
java.io.PrintWriter, java.sql.Connection, java.sql.DriverManager, java.sql.Pre
paredStatement, java.sql.SQLException, javax.servlet.ServletException, javax.s
ervlet.http.HttpServlet, javax.servlet.http.HttpServletRequest, javax.servlet
.http.HttpServletResponse, java.sql.ResultSet"%>
<%
String pwd = request.getParameter("pwd");
String name = (String)session.getAttribute("mname");
Class.forName("oracle.jdbc.driver.OracleDriver");
Connection con =
DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe", "ep", "ep"
);
PreparedStatement pstmt=con.prepareStatement("select * from teammember");
ResultSet rs=pstmt.executeQuery();
if(rs.next()){
    PreparedStatement pstmt1=con.prepareStatement("update teammember set
password=? where name=?");
    pstmt1.setString(1,pwd);
    pstmt1.setString(2,name);
    pstmt1.executeUpdate();
    out.println("Successfully Updated<br>");
    out.println("Please login again<br>");
    %>
    <a href="TeamMembers-Login.html">Back to Login</a>
    <%
    }
    %>
}
%>

```

Mwork.jsp :

```

<%@page import="java.io.IOException,
java.io.PrintWriter, java.sql.Connection, java.sql.DriverManager, java.sql.Pre
paredStatement, java.sql.SQLException, javax.servlet.ServletException, javax.s
ervlet.http.HttpServlet, javax.servlet.http.HttpServletRequest, javax.servlet
.http.HttpServletResponse, java.sql.ResultSet"%>
<%
Class.forName("oracle.jdbc.driver.OracleDriver");
Connection con =
DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe", "ep", "ep"
);
PreparedStatement pstmt = con.prepareStatement("select * from attendance");
ResultSet rs = pstmt.executeQuery();
while(rs.next()){
    %>
    <table align="center" width=50%>
    <thead>
    <tr>
    <th><td><h3>MemberID</h3></td><td><h3>Present</h3></td><td><h3>Absent
</h3></td></tr>

```

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```
<tr><td></td><td><%out.println(rs.getString("std_id"));%></td><td><%
out.println(rs.getString("attend"));%></td><td><%out.println(rs.getString("
dat"));%></td></tr>
</table>
<%
}
%>
```

Wattend.jsp :

```
<%@page language="java" contentType="text/html; charset=ISO-8859-1"
pageEncoding="ISO-8859-1"%>
<%@page import="java.io.IOException,
java.io.PrintWriter, java.sql.Connection, java.sql.DriverManager, java.sql.Pre
paredStatement, java.sql.SQLException, javax.servlet.ServletException, javax.s
ervlet.http.HttpServlet, javax.servlet.http.HttpServletRequest, javax.servlet
.http.HttpServletResponse, java.sql.ResultSet"%>
<%
Class.forName("oracle.jdbc.driver.OracleDriver");
Connection con =
DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe", "ep",
"ep");
String id = (String)session.getAttribute("id");
PreparedStatement pstmt = con.prepareStatement(" insert into employee
values('101',?,?,?) ");
pstmt.setString(1,id);
pstmt.setString(2,"present");
pstmt.setString(3,"---");
pstmt.executeUpdate();
%>
<jsp:forward page="work.jsp"/>
```

Work.jsp :

```
<%@page import="java.io.IOException,
java.io.PrintWriter, java.sql.Connection, java.sql.DriverManager, java.sql.Pre
paredStatement, java.sql.SQLException, javax.servlet.ServletException, javax.s
ervlet.http.HttpServlet, javax.servlet.http.HttpServletRequest, javax.servlet
.http.HttpServletResponse, java.sql.ResultSet"%>
<%
Class.forName("oracle.jdbc.driver.OracleDriver");
System.out.println("Driver Classes Loaded");
Connection con = null;
con = DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe",
"ep", "ep");
System.out.println("Connection Established");

PreparedStatement pstmt = con.prepareStatement("select std_id from event ");
ResultSet rs = pstmt.executeQuery();
```

```

inti;
%>
<formaction="resultattendance.jsp"method="post">
<tablealign="center">
<tr>
<td>
Event Date: <inputtype="date"name="date"></td></tr>
<tr>
<td>Member Id</td>
<td>Present</td>
<td>Absent</td>
</tr>
<%
while(rs.next())
{
%>
<tr>
<td><%=rs.getString("std_id")%></td>
<td><inputtype="radio"name="attend"value="A">absent</td>
<td><inputtype="radio"name="attend"value="P">present</td>
</tr>
<%
}
%>
<br>
<tr><td><inputtype="submit"value="Submit"></td>
</tr>
</table>

```

TeamLead-Login.html :

```

<html>
<head>
<title> Team Lead Login Form </title>
<style>body{
    background-image: url("image.jpg");
    height:100vh;
    background-size:cover;
    background-position:center;
}</style>
</head>
<bodybackground="image.JPG"align="center"><br><br>
<imgsrc="profile.png"width="5%">
<h1>Team Lead</h1>
    <h2>Login Here</h2>
<formaction="checkteamLead.jsp"method="post">
<h>Username</h>
<inputtype="text"name="username"placeholder="Enter Username"><br><br>
<h>Password</h>
<inputtype="password"name="password"placeholder="Enter Password"><br><br>
<inputtype="submit"name="submit"value="Login"><br>
<a href="changepwd.jsp">Forget Password</a>
</form>

</body>
</html>

```

Hack.jsp :

```

<%@page language="java" contentType="text/html; charset=ISO-8859-1"
pageEncoding="ISO-8859-1"%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01
Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">
<style>
body {
font-family: Arial, Helvetica, sans-serif;
}
body{
background-image: url("image.jpg");
height:100vh;
background-size:cover;
background-position:center;
}

.navbar {
overflow: hidden;
background-color: #333;
}

.navbara {
float: Left;
font-size: 16px;
color: white;
text-align: center;
padding: 14px 16px;
text-decoration: none;
}

.dropdown {
float: Left;
overflow: hidden;
}

.dropdown.dropbtn {
font-size: 16px;
border: none;
outline: none;
color: white;
padding: 14px 16px;
background-color: inherit;
font-family: inherit;
margin: 0;
}

.navbara:hover, .dropdown:hover .dropbtn {
background-color: red;
}

.dropdown-content {
display: none;
position: absolute;
background-color: #f9f9f9;

```



```

min-width: 160px;
box-shadow: 0px 8px 16px 0px rgba(0,0,0,0.2);
z-index: 1;
}

.dropdown-content {
float: none;
color: black;
padding: 12px 16px;
text-decoration: none;
display: block;
text-align: left;
}

.dropdown-content:hover {
background-color: #ddd;
}

.dropdown:hover.dropdown-content {
display: block;
}

</style>
<linkrel="stylesheet"href="https://stackpath.bootstrapcdn.com/font-
awesome/4.7.0/css/font-awesome.min.css">
<title>Insert title here</title>
<scripttype="text/javascript">

</script>
</head>
<body>
    <divclass="navbar">
    <a href="teamLeadhomepage.jsp"><i class="fa fa-home" aria-
hidden="true"></i>&nbsp;Home</a>
    <divclass="dropdown">
    <buttonclass="dropbtn"><i class="fa fa-server" aria-hidden="true"></i>
&nbsp;Events
    <i class="fa fa-caret-down"></i>
    </button>
    <divclass="dropdown-content">
    <a href="work.jsp">Workshop</a>
    <a href="hack.jsp">Hackathon</a>
    </div>
    </div>
    <a href="mchangepwd.html"><i class="fa fa-sign-in" aria-
hidden="true"></i>&nbsp;Change Password</a>

    <a href="Logout.jsp" align="right">Logout</a>
    </div><br>

</body>

<%@pageimport="java.io.IOException,
java.io.PrintWriter, java.sql.Connection, java.sql.DriverManager, java.sql.Pre
paredStatement, java.sql.SQLException, javax.servlet.ServletException, javax.s
ervlet.http.HttpServlet, javax.servlet.http.HttpServletRequest, javax.servlet
.http.HttpServletResponse, java.sql.ResultSet"%>
<%
Class.forName("oracle.jdbc.driver.OracleDriver");

```

```

Connection con =
DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","ep","ep"
);
PreparedStatement pstmt = con.prepareStatement("select * from attendance
where event_id='102'");
ResultSet rs = pstmt.executeQuery();
%>
<form name="attendance">
<%
while(rs.next()){
    %>
    <table align="center" width="50%">
    <thead>
    <tr>
    <th>MemberID</th>
    <th>Present</th>
    <th>Absent</th>
    </tr>
    </thead>
    <tbody>
    <tr>
    <td><input type="radio" name="att"></td>
    <td><input type="radio" name="att"></td>
    <td><input type="radio" name="att"></td>
    </tr>
    </tbody>
    </table>
    <%
}
%>
</form>
</html>
<%
%>

```

Teamleadhomepage.jsp :

```

<%@page language="java" contentType="text/html; charset=ISO-8859-1"
pageEncoding="ISO-8859-1"%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01
Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">
<style>
body {
font-family: Arial, Helvetica, sans-serif;
}
body {
background-image: url("image.jpg");
height: 100vh;
background-size: cover;
background-position: center;
}

.navbar {
overflow: hidden;
background-color: #333;
}

.navbar a {
float: left;
font-size: 16px;
color: white;
text-align: center;
padding: 14px 16px;
text-decoration: none;

```

```

}

.dropdown {
float: left;
overflow: hidden;
}

.dropdown.dropbtn {
font-size: 16px;
border: none;
outline: none;
color: white;
padding: 14px 16px;
background-color: inherit;
font-family: inherit;
margin: 0;
}

.navbar:hover, .dropdown:hover .dropbtn {
background-color: red;
}

.dropdown-content {
display: none;
position: absolute;
background-color: #f9f9f9;
min-width: 160px;
box-shadow: 0px 8px 16px 0px rgba(0,0,0,0.2);
z-index: 1;
}

.dropdown-content a {
float: none;
color: black;
padding: 12px 16px;
text-decoration: none;
display: block;
text-align: left;
}

.dropdown-content a:hover {
background-color: #ddd;
}

.dropdown:hover .dropdown-content {
display: block;
}

</style>
<linkrel="stylesheet"href="https://stackpath.bootstrapcdn.com/font-
awesome/4.7.0/css/font-awesome.min.css">
<title>Insert title here</title>
</head>
<body>
    <divclass="navbar">
<a href="teamLeadhomepage.jsp"><iclass="fa fa-home"aria-
hidden="true"></i>&nbsp;Home</a>
<divclass="dropdown">
<buttonclass="dropbtn"><iclass="fa fa-server"aria-hidden="true"></i>
&nbsp;Events

```

```

<i class="fa fa-caret-down"></i>
</button>
<div class="dropdown-content">
<a href="work.jsp">Workshop</a>
<a href="hack.jsp">Hackathon</a>
</div>
</div>

<a href="mchangepwd.html"><i class="fa fa-sign-in" aria-
hidden="true"></i>&nbsp;Change Password</a>

<a href="logout.jsp" align="right">Logout</a>
</div><br>

</body>
</html>

```

Teammemberhome.jsp :

```

<%@page language="java" contentType="text/html; charset=ISO-8859-1"
pageEncoding="ISO-8859-1"%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01
Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">
<style>
body {
font-family: Arial, Helvetica, sans-serif;
}
body{
background-image: url("image.jpg");
height:100vh;
background-size:cover;
background-position:center;
}

.navbar {
overflow: hidden;
background-color: #333;
}

.navbara {
float: Left;
font-size: 16px;
color: white;
text-align: center;
padding: 14px 16px;
text-decoration: none;
}

.dropdown {
float: Left;
overflow: hidden;
}

.dropdown.dropbtn {

```

```

font-size: 16px;
border: none;
outline: none;
color: white;
padding: 14px 16px;
background-color: inherit;
font-family: inherit;
margin: 0;
}

.navbar: hover, .dropdown: hover .dropbtn {
background-color: red;
}

.dropdown-content {
display: none;
position: absolute;
background-color: #f9f9f9;
min-width: 160px;
box-shadow: 0px 8px 16px 0px rgba(0,0,0,0.2);
z-index: 1;
}

.dropdown-content a {
float: none;
color: black;
padding: 12px 16px;
text-decoration: none;
display: block;
text-align: left;
}

.dropdown-content a: hover {
background-color: #ddd;
}

.dropdown: hover .dropdown-content {
display: block;
}

</style>
<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-
awesome/4.7.0/css/font-awesome.min.css">
<title>Insert title here</title>
</head>
<body>
    <div class="navbar">
        <a href="teammemberhomepage.jsp"><i class="fa fa-home" aria-
hidden="true"></i>&nbsp;Home</a>
        <div class="dropdown">
            <button class="dropbtn"><i class="fa fa-server" aria-hidden="true"></i>
&nbsp;Events
            <i class="fa fa-caret-down"></i>
        </button>
        <div class="dropdown-content">
            <a href="mwork.jsp">Workshop</a>
            <a href="mhack.jsp">Hackathon</a>
        </div>
    </div>

```

ATTENDANCE MANAGEMENT SYSTEM

```
<a href="mwork.jsp"><i class="fa fa-picture-o" aria-  
hidden="true"></i>&nbsp;Registered Events</a>  
  
<a href="mchangepwd.html"><i class="fa fa-sign-in" aria-  
hidden="true"></i>&nbsp;Change Password</a>  
  
<a href="Logout.jsp" align="right">Logout</a>  
</div><br>  
  
</body>  
</html>
```

Mchangingpwd.jsp :

```
<%@page language="java" contentType="text/html; charset=ISO-8859-1"  
pageEncoding="ISO-8859-1"%>  
<%@page import="java.io.IOException,  
java.io.PrintWriter, java.sql.Connection, java.sql.DriverManager, java.sql.Pre  
paredStatement, java.sql.SQLException, javax.servlet.ServletException, javax.s  
ervlet.http.HttpServlet, javax.servlet.http.HttpServletRequest, javax.servlet  
.http.HttpServletResponse, java.sql.ResultSet"%>  
<%  
String pwd = request.getParameter("pwd");  
String name = (String)session.getAttribute("mname");  
Class.forName("oracle.jdbc.driver.OracleDriver");  
Connection con =  
DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe", "ep", "ep"  
);  
PreparedStatement pstmt=con.prepareStatement("select * from teammember");  
ResultSet rs=pstmt.executeQuery();  
if(rs.next()){  
    PreparedStatement pstmt1=con.prepareStatement("update teammember set  
password=? where name=?");  
    pstmt1.setString(1,pwd);  
    pstmt1.setString(2,name);  
    pstmt1.executeUpdate();  
    out.println("Successfully Updated<br>");  
    out.println("Please login again<br>");  
    %>  
    <a href="TeamMembers-Login.html">Back to Login</a>  
    <%  
    }  
    %>
```

Mwork.jsp :

```
<%@page language="java" contentType="text/html; charset=ISO-8859-1"  
pageEncoding="ISO-8859-1"%>  
<!DOCTYPEhtmlPUBLIC"-//W3C//DTD HTML 4.01  
Transitional//EN"http://www.w3.org/TR/html4/loose.dtd">  
<html>  
<head>  
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">  
<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-  
awesome/4.7.0/css/font-awesome.min.css">  
<style>  
body {  
font-family: Arial, Helvetica, sans-serif;  
}  
body{  
background-image: url("image.jpg");  
height:100vh;
```

```

        background-size:cover;
        background-position:center;
    }

    .navbar {
        overflow: hidden;
        background-color: #333;
    }

    .navbara {
        float: left;
        font-size: 16px;
        color: white;
        text-align: center;
        padding: 14px 16px;
        text-decoration: none;
    }

    .dropdown {
        float: left;
        overflow: hidden;
    }

    .dropdown.dropbtn {
        font-size: 16px;
        border: none;
        outline: none;
        color: white;
        padding: 14px 16px;
        background-color: inherit;
        font-family: inherit;
        margin: 0;
    }

    .navbara:hover,.dropdown:hover.dropbtn {
        background-color: red;
    }

    .dropdown-content {
        display: none;
        position: absolute;
        background-color: #f9f9f9;
        min-width: 160px;
        box-shadow: 0px 8px 16px 0px rgba(0,0,0,0.2);
        z-index: 1;
    }

    .dropdown-contenta {
        float: none;
        color: black;
        padding: 12px 16px;
        text-decoration: none;
        display: block;
        text-align: left;
    }

    .dropdown-contenta:hover {
        background-color: #ddd;
    }

```

```

.dropdown:hover.dropdown-content {
display: block;
}

</style>
<linkrel="stylesheet"href="https://stackpath.bootstrapcdn.com/font-
awesome/4.7.0/css/font-awesome.min.css">
<title>Insert title here</title>
</head>
<body>
    <divclass="navbar">
    <ahref="teamLeadhomepage.jsp"><iclass="fa fa-home"aria-
hidden="true"></i>&nbsp;Home</a>
    <divclass="dropdown">
    <buttonclass="dropbtn"><iclass="fa fa-server"aria-hidden="true"></i>
        &nbsp;Events
    <iclass="fa fa-caret-down"></i>
    </button>
    <divclass="dropdown-content">
    <ahref="work.jsp">Workshop</a>
    <ahref="hack.jsp">Hackathon</a>
    </div>
    </div>
    <ahref="mchangepwd.html"><iclass="fa fa-sign-in"aria-
hidden="true"></i>&nbsp;Change Password</a>

    <ahref="Logout.jsp"align="right">Logout</a>
    </div><br>

</body>
</html>
<%@pageimport="java.io.IOException,
java.io.PrintWriter,java.sql.Connection,java.sql.DriverManager,java.sql.PreparedSt
atement,java.sql.SQLException,javax.servlet.ServletException,javax.servlet.http.Ht
tpServlet,javax.servlet.http.HttpServletRequest,javax.servlet.http.HttpServletResp
onse,java.sql.ResultSet"%>
<%
Class.forName("oracle.jdbc.driver.OracleDriver");
Connection con =
DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","ep","ep");
PreparedStatementpstmt = con.prepareStatement("select * from attendance");
ResultSetrs = pstmt.executeQuery();
while(rs.next()){
    %>
    <tablealign="center"width=50%>
    <th><td><h3>MemberID</h3></td><td><h3>Present</h3></td><td><h3>Absent</h3></
td></th>
    <tr><td></td><td><%out.println(rs.getString("std_id"));%></td><td><%out.pri
ntln(rs.getString("attend"));%></td><td><%out.println(rs.getString("dat"));%></td>
</tr>
    </table>
    <%
}
%>

```


Resultattendance.jsp :

```

<%@pageimport="java.sql.*,java.io.*,java.util.Date, javax.servlet.*"%>

<%
String attend = request.getParameter("attend");
Date date = new Date();
String edate=date.toString();

try
{
    Class.forName("oracle.jdbc.driver.OracleDriver");
    System.out.println("Driver Classes Loaded");
    Connection con = null;
    con =
    DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe", "ep",
    "ep");
    System.out.println("Connection Established");
    PreparedStatement pstmt1 = con.prepareStatement("select std_id from
event");
    ResultSetsrs = pstmt1.executeQuery();
    inti;
    while(rs.next())
    {

        intm_id = rs.getInt("std_id");
        PreparedStatementpstmt = con.prepareStatement("insert into
attendance values(?,?,?)");

        pstmt.setInt(1, m_id);
        pstmt.setString(2, attend);
        pstmt.setString(3, edate);

        i = pstmt.executeUpdate();

        if(i>0)
        {
            %>
            <h3>Attendance saved Successful</h3><br>
            <a href="index.html">Go to Login</a>
            <%
        }
        else
        {
            %>
            <h3>unsuccessful</h3><br>
            <%
        }

    }
}
catch(Exception e)
{
    out.println(e);
}
%>

```

Wattend.jsp :

```

<%@page language="java" contentType="text/html; charset=ISO-8859-1"
pageEncoding="ISO-8859-1"%>
<%@page import="java.io.IOException,
java.io.PrintWriter, java.sql.Connection, java.sql.DriverManager, java.sql.Pre
paredStatement, java.sql.SQLException, javax.servlet.ServletException, javax.s
ervlet.http.HttpServlet, javax.servlet.http.HttpServletRequest, javax.servlet
.http.HttpServletResponse, java.sql.ResultSet"%>
<%
Class.forName("oracle.jdbc.driver.OracleDriver");
Connection con =
DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe", "ep",
"ep");
String id = (String)session.getAttribute("id");
PreparedStatement pstmt = con.prepareStatement(" insert into employee
values('101',?,?,?) ");
pstmt.setString(1,id);
pstmt.setString(2,"present");
pstmt.setString(3,"---");
pstmt.executeUpdate();
%>
<jsp:forward page="work.jsp"/>

```

Resultattendance.jsp :

```

<%@page import="java.sql.*,java.io.*,java.util.Date, javax.servlet.*"%>
<%
String attend = request.getParameter("attend");
Date date = new Date();
String edate=date.toString();

try
{
    Class.forName("oracle.jdbc.driver.OracleDriver");
    System.out.println("Driver Classes Loaded");
    Connection con = null;
    con =
    DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe", "ep",
    "ep");
    System.out.println("Connection Established");
    PreparedStatement pstmt1 = con.prepareStatement("select std_id from
    event");
    ResultSets rs = pstmt1.executeQuery();
    inti;
    while(rs.next())
    {

        intm_id = rs.getInt("std_id");
        PreparedStatement pstmt = con.prepareStatement("insert into
        attendance values(?,?,?)");

        pstmt.setInt(1, m_id);
        pstmt.setString(2, attend);
        pstmt.setString(3, edate);

        i = pstmt.executeUpdate();

        if(i>0)

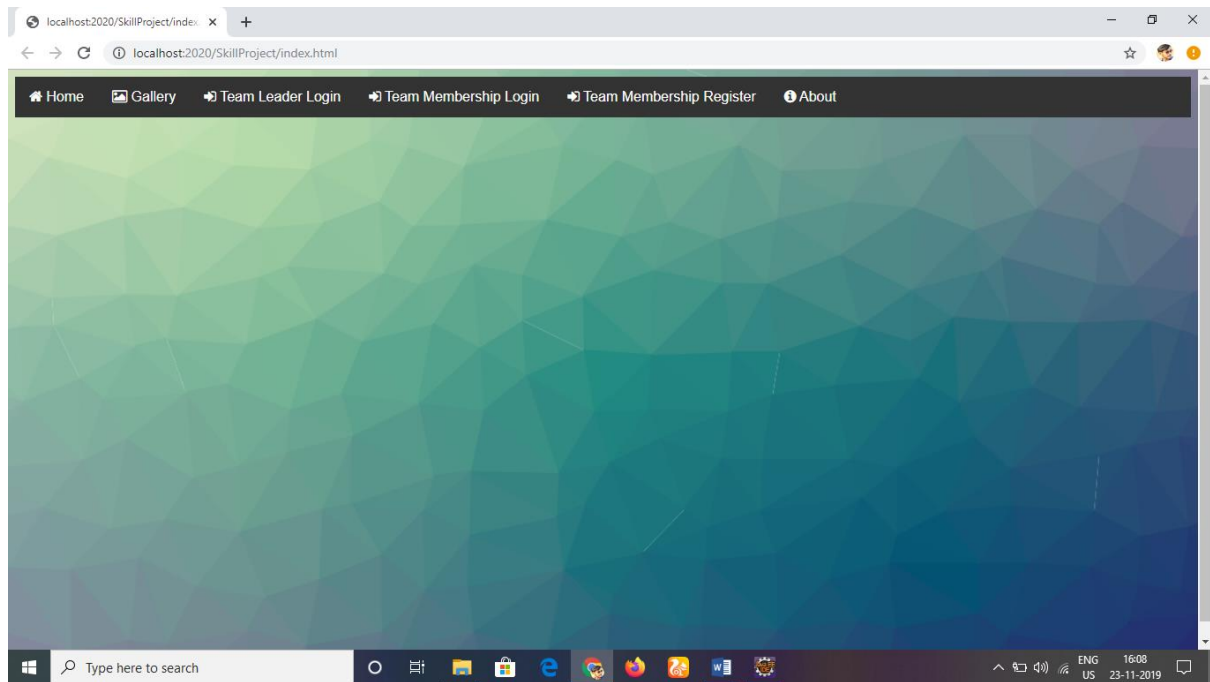
```

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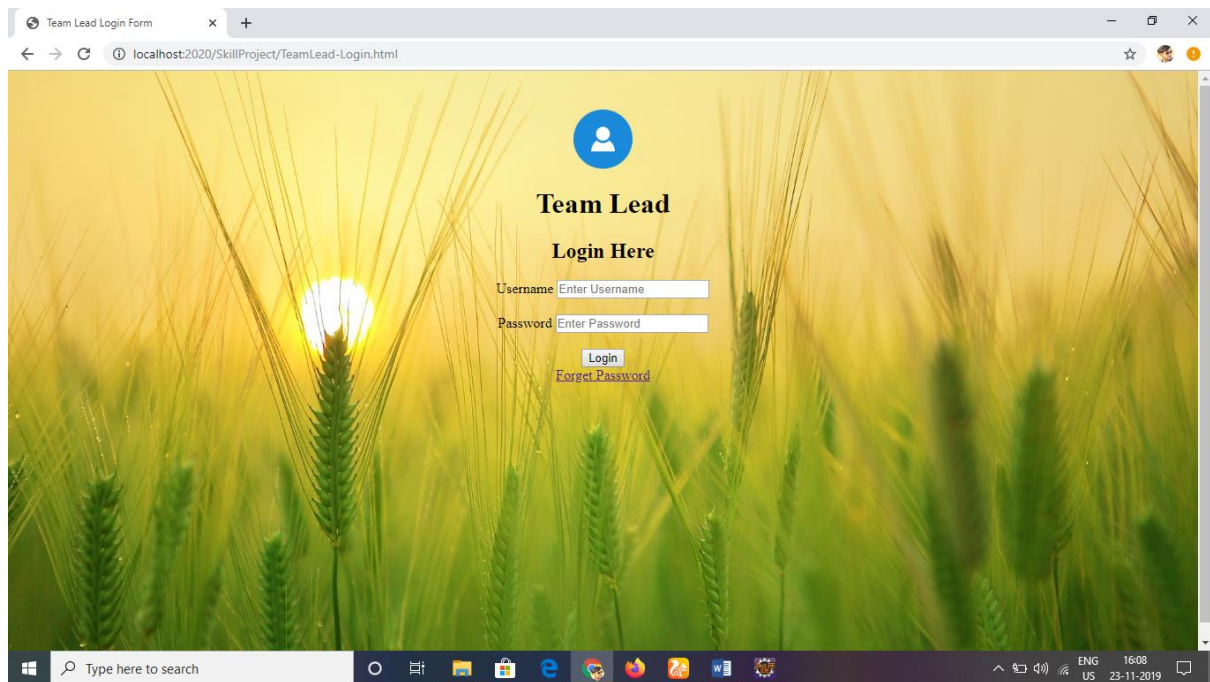
```
        {
            %>
            <h3>Attendance saved Successful</h3><br>
            <a href="index.html">Go to Login</a>
            <%
        }
    else
    {
        %>
        <h3>unsuccessful</h3><br>
        <%
    }

}
}
catch(Exception e)
{
    out.println(e);
}
%>
```

6. OUTPUT SCREENS



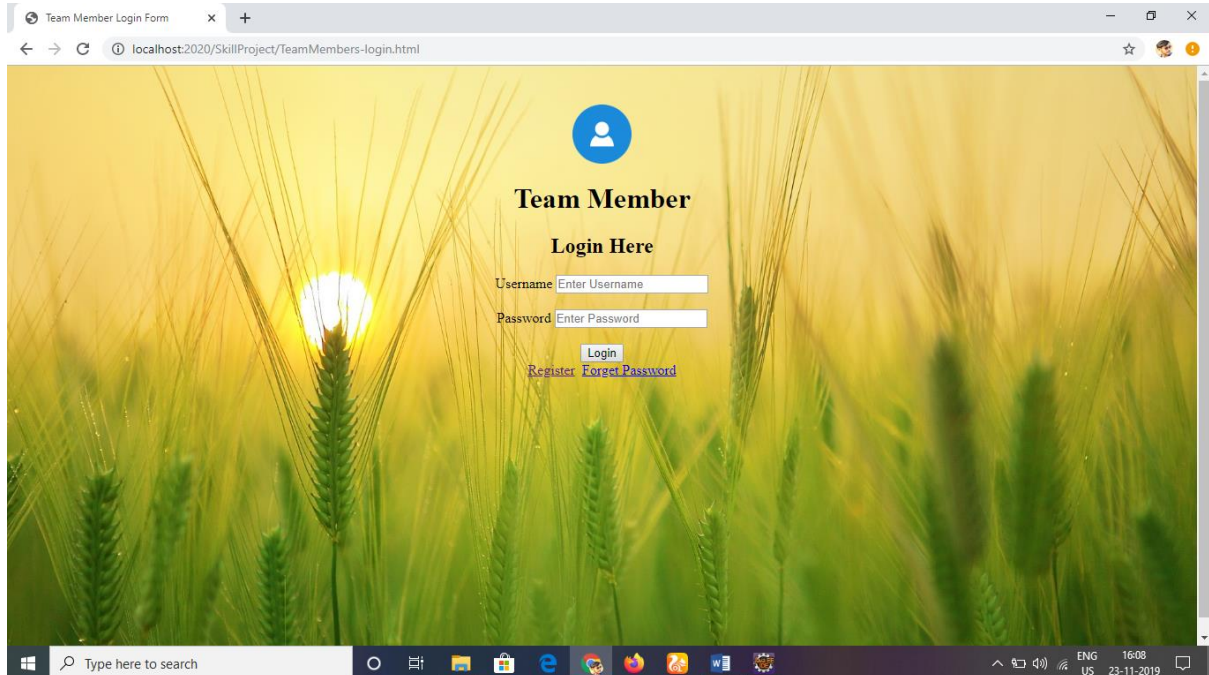
Above picture shows the home page of Attendance Management system. Home page contains TeamLeader and TeamMember options to login.



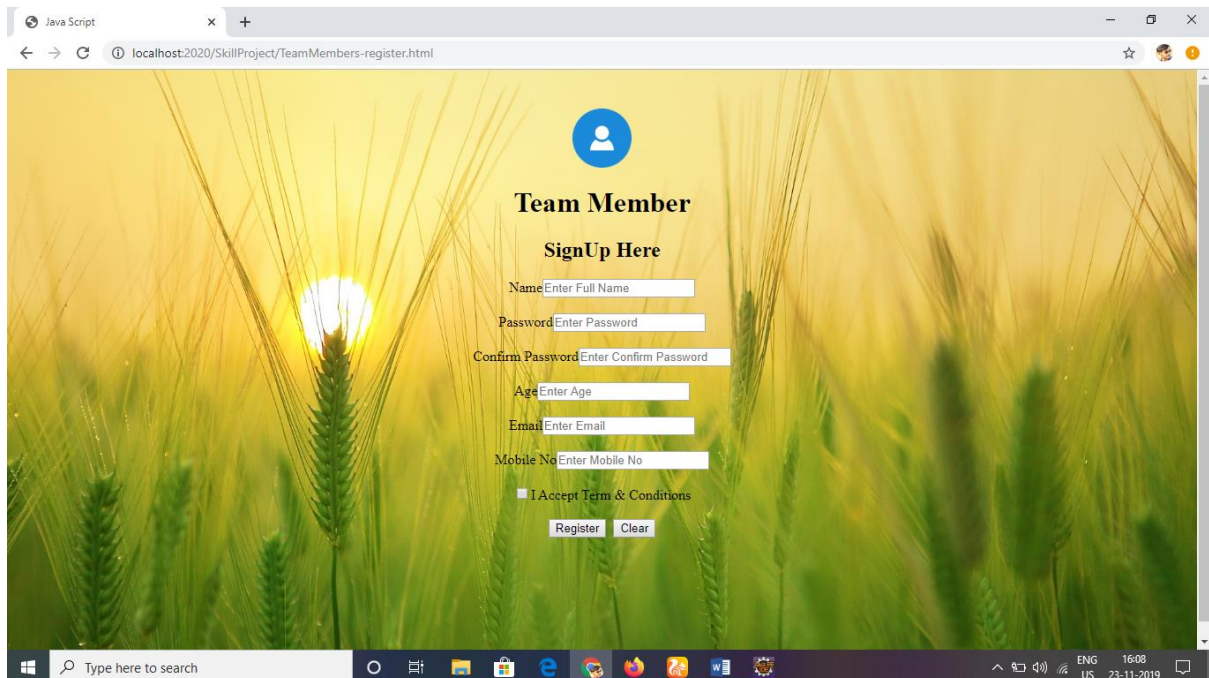
Above pictures represents a login form which belongs to the Team Leader. Here in Team

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Leader Module there is no signup form because, we are representing Team Leaders as Admins. So, we are inserting Team Leader details directly into the Database.

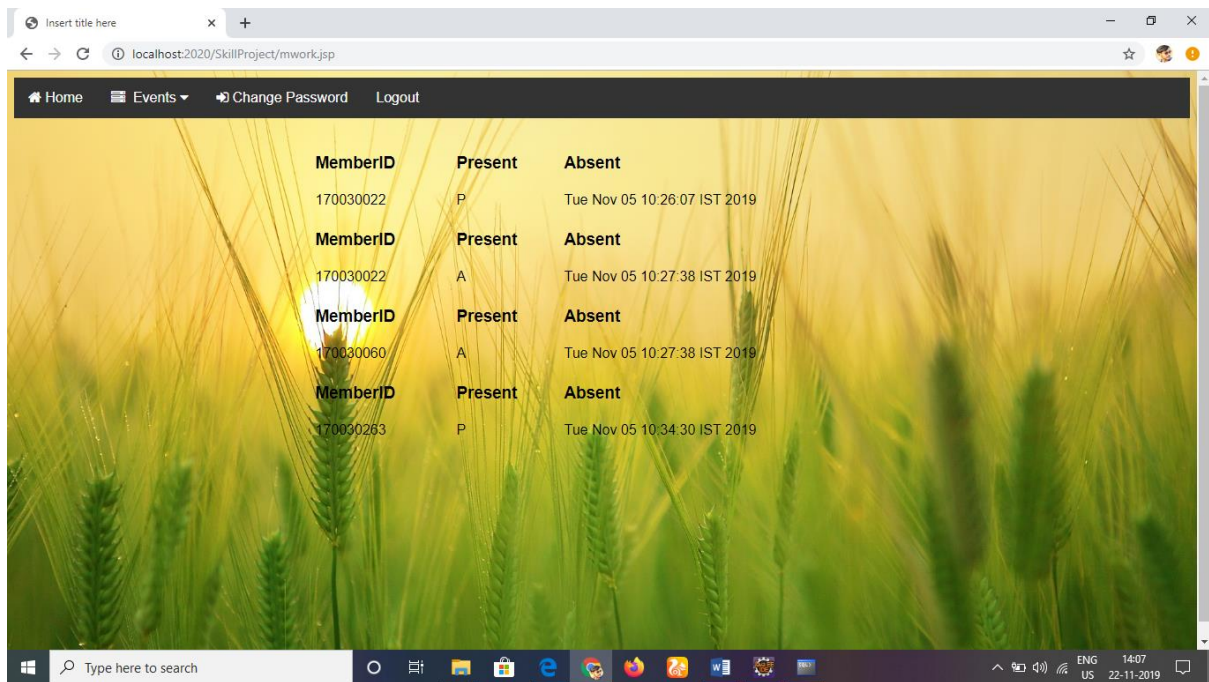
A screenshot of a web browser displaying the 'Team Member Login Form'. The browser's address bar shows 'localhost:2020/SkillProject/TeamMembers-login.html'. The page has a background image of a sun rising over a field of green wheat. At the top center is a blue circular icon with a white person silhouette. Below it, the text 'Team Member' is displayed in bold, followed by 'Login Here' in bold. The form includes two input fields: 'Username' with the placeholder 'Enter Username' and 'Password' with the placeholder 'Enter Password'. Below these fields is a 'Login' button. At the bottom of the form are two links: 'Register' and 'Forgot Password'. The Windows taskbar is visible at the bottom of the browser window.

The above pictures represents the login form of a member accessible only by the members who are registered in the event i.e, who are signedup in the meber signup form.

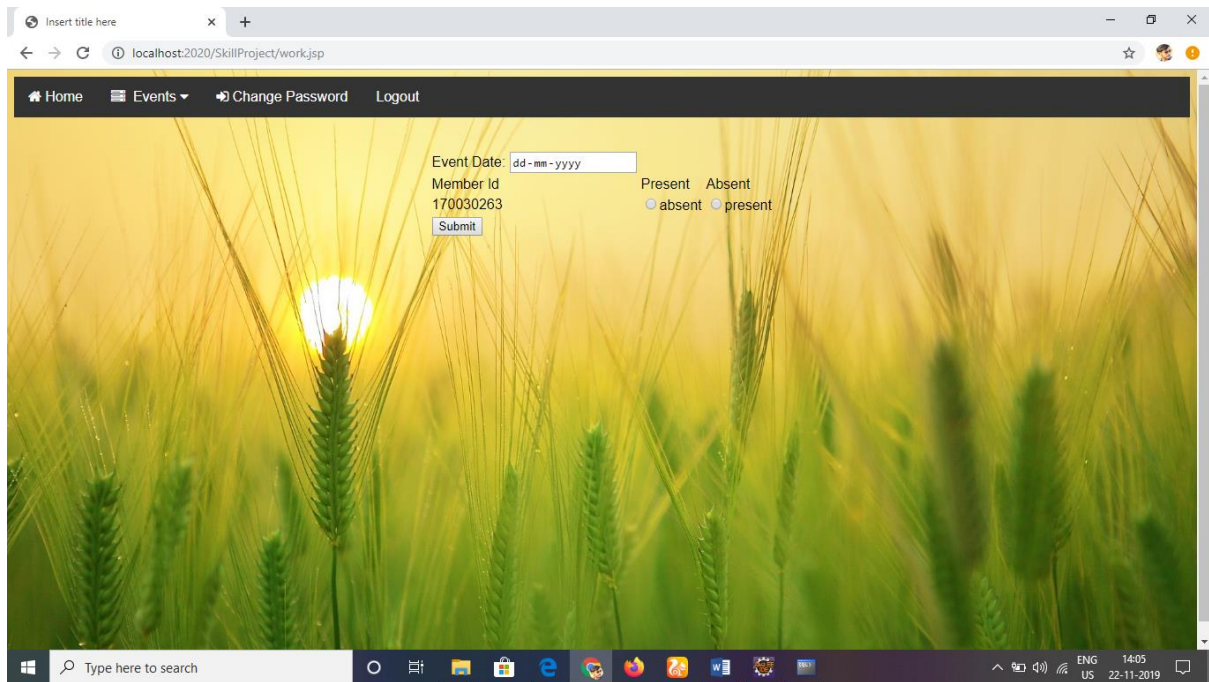
A screenshot of a web browser displaying the 'Team Member Signup Form'. The browser's address bar shows 'localhost:2020/SkillProject/TeamMembers-register.html'. The page has the same background image of a sun rising over a field of green wheat as the login form. At the top center is a blue circular icon with a white person silhouette. Below it, the text 'Team Member' is displayed in bold, followed by 'SignUp Here' in bold. The form includes five input fields: 'Name' with the placeholder 'Enter Full Name', 'Password' with the placeholder 'Enter Password', 'Confirm Password' with the placeholder 'Enter Confirm Password', 'Age' with the placeholder 'Enter Age', and 'Email' with the placeholder 'Enter Email'. Below these fields is a 'Mobile No' input field with the placeholder 'Enter Mobile No'. At the bottom of the form is a checkbox labeled 'I Accept Term & Conditions'. Below the checkbox are two buttons: 'Register' and 'Clear'. The Windows taskbar is visible at the bottom of the browser window.

The above picture represents a signup form of a member in an event. The values taken from this form can be saved or inserted into the team member table and also id number will be inserted into the event table in the database.

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Above page represents the **Attendance register** where we can see the attendance of each and every member registered in the event.



The above picture shows the Page of marking attendance after the action Attendance performed by the leader in leader home page.

7. CONCLUSION AND FUTURE SCOPE

By using this project, we can mark attendance for various events. The system has reached a state where all bugs have been eliminated. The system is operated at a high level of efficiency and all the teachers and user associated with the system understands its advantage. The system solves the problem. It was intended to solve as requirement specification.

The project has a vast scope in the future. The project can be implemented on intranet in future. Project can be updated in near future as and when requirement for the same arises, as it is very flexible in terms of expansion. With the proposed software of database space manager ready and fully functional the client is now able to manage and hence run the entire work in a much better, accurate and error free manner.

8. REFERENCES

1. <https://www.w3schools.com/js/default.asp>
2. <https://www.javatpoint.com/jsp-tutorial>