17CS3116R – ENTERPRISE PROGRAMMING
PROJECT BASEDREPORT
ON

PERMISSION APPROVAL SYSTEM

submitted in partial fulfilment ofthe 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 **"PERMISSION APPROVAL SYSTEM"**is a bonafide work done and submitted by**T GURU SREE RAM(170031281), T.GANESH(170031308),V.LOHYA.SUJITH(170031340)**partial fulfilment of the requirements for the award of the degree of **BACHELOROF 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 **"PERMISSION APPROVAL SYSTEM"** is a bonafide work done and submitted by **T GURU SREE RAM(170031281), T.GANESH(170031308),V.LOHYA.SUJITH(170031340)**in partial fulfilment 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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T.GANESH**(170031**308**)**

V LOHYA SUJITH**(170031**340**)**

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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.

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CONTENTS

1.ABSTRACT

The fundamental goal of this project is to get any sort of permission online by simply sending a message to the concerned authority like leader or manager. Generally getting a permission follows the hierarchy of leader and manager in corporate companies. So, when an employee wants to get approval to his leave, he sends a request message to the leader. Leader approves if he finds it sensible and sends for the approval of manager. He does the same. If he affirms leave, aletter will be generated with a unique id where employee can use it for other purposes.

2.METHODOLOGY

In this project we have 3 modules:

- Employee module
- Leader module
- Manager module

Employee Module:

In this employee module, he/she logins with his/her credentials such as their id, password and has a dash board with different options like apply for permissions where they can apply to any permissions like leaves etcetera so to get the approval from the higher authorities, view permissions where they can see all their past permissions(if they ever applied) etcetera.

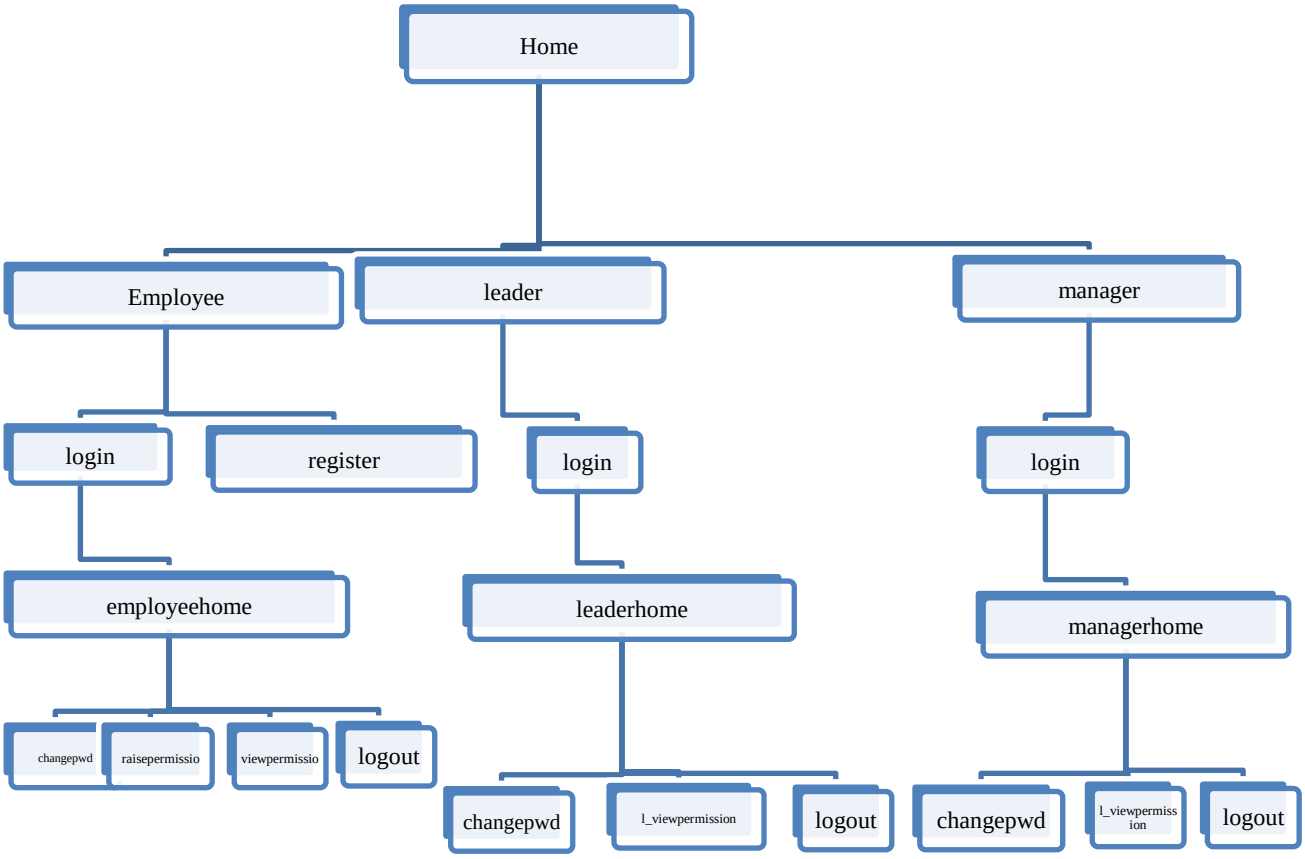
Leader Module:

In this leader module, he/she must approve therequest sent by the employee and pass it to the manager. Otherwise if the manager denied the permission then they need to send a message as “request for permission denied”.

Manager Module:

In this manger module, if the permission is approved a bill will be generated otherwise a message will be displayed as in denying the permission that is requested from them.

3.BLOCK DIAGRAM



4.SOFTWARE REQUIREMENTS

Front End:

- HTML:

Hypertext Markup Language (HTML) is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript.HTML describes the structure of a web page semantically and originally included cues for the appearance of the document.HTML elements are the building blocks of HTML pages. With HTML constructs, images and other objects such as interactive forms may be embedded into the rendered page. HTML can embed programs written in a scripting language such as JavaScript, which affects the behaviour and content of web pages. Inclusion of CSS defines the look and layout of content.

- CSS:

Cascading Style Sheets (CSS) is a stylesheet language used to describe the presentation of a document written in HTML or XML (including XML dialects such as SVG, MathML or XHTML). CSS describes how elements should be rendered on screen, on paper, in speech, or on other media.CSS is one of the core languages of the open Web and is standardized across Web browsers according to the W3C specification.

- JavaScript:

It is a very powerful client-side scripting language. JavaScript is used mainly for enhancing the interaction of a user with the webpage. In other words, you can make your webpage more lively and interactive, with the help of JavaScript. And it is also being used widely in game development and Mobile application development.

Middleware:

- 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.

- Servlets:

Servlets provide a component-based, platform-independent method for building Webbased applications, without the performance limitations of CGI programs. Servlets have access to the entire family of Java APIs, including the JDBC API to access enterprise databases.

Backend:

- MySQL:

MySQL is the most popular Open Source Relational SQL Database Management System. MySQL is one of the best RDBMS being used for developing various web-based software applications. MySQL is developed, marketed and supported by MySQL AB, which is a Swedish company. It is currently the most popular open-source database. It is very commonly used in conjunction with PHP scripts to create powerful and dynamic server-side applications. MySQL is used for many small and big businesses. It is developed, marketed and supported by MySQL AB, a Swedish company. It is written in C and C++.

IDE – Eclipse:

Eclipse is an integrated development environment (IDE) used in computer programming. It contains a base workspace and an extensible plug-in system for customizing the environment. Eclipse is written mostly in Java and its primary use is for developing Java applications, but it may also be used to develop applications in other programming languages. The Eclipse platform which provides the foundation for the Eclipse IDE is composed of plug-ins and is designed to be extensible using additional plug-ins. Developed using Java, the Eclipse platform can be used to develop rich client applications, integrated development environments and other tools. Eclipse can be used as an IDE for any programming language for which a plug-in is available.

Web server – Apache Tomcat 7 or above:

The Apache Tomcatsoftware is an open source implementation of the Java Servlet, Java Server Pages, Java Expression Language and Java WebSocket technologies. The Java Servlet, Java Server Pages, Java Expression Language and Java WebSocket specifications are developed under the Java Community Process.The Apache Tomcat software is developed in an open and participatory environment and released under the Apache License version 2. The Apache Tomcat project is intended to be a collaboration of the best-of-breed developers from around the world.

Development Kit – JDK 1.7 or above:

The Java Development Kit (JDK) is an implementation of either one of the Java Platform, Standard Edition, Java Platform, Enterprise Edition, or Java Platform, Micro Edition platforms released by Oracle Corporation in the form of a binary product aimed at Java developers on Solaris, Linux, macOS or Windows. The JDK includes a private JVM and a few other resources to finish the development of a Java Application. Since the introduction of the Java platform, it has been by far the most widely used Software Development Kit (SDK).Java developers are initially presented with two JDK tools, java and javac. Both are run from the command prompt. Java source files are simple text files saved withan extension of .java. After writing and saving Java source code, the javac compiler is invoked to create .class files. Once the .class files are created, the 'java' command can be used to run the java program.

5.IMPLEMENTATION

- **home.html**

```
<html>
<head>
<title>PERMISSION APPROVAL SYSTEM</title>
<link href="style1.css" rel="stylesheet">
<style>
      .dropbtn {
        background-color: #4CAF50;
      color: white;
        padding: 16px;
        font-size: 16px;
        border: none;
      }
      .dropdown {
        position: relative;
        display: inline-block;
      }
      .dropdown-content {
        display: none;
        position: absolute;
        background-color: #f1f1f1;
        min-width: 160px;
        box-shadow: 0px 8px 16px 0px rgba(0,0,0,0.2);
        z-index: 1;
      }
      .dropdown-content a {
      color: black;
        padding: 12px 16px;
        text-decoration: none;
        display: block;
      }
      .dropdown-content a:hover {background-color: #ddd;}

      .dropdown:hover .dropdown-content {display: block;}
      .dropdown:hover .dropbtn {background-color: #3e8e41;}
      </style>
</head>
<body bgcolor="silver">

<h1><font face="jester" style=margin-left:100px;>NEED PERMISSION?</font></h1>
<div id="part4">
                        <br>
                        <button style="font-size: 24px;"><a href=
"#home">HOME</a></button> <button style="font-size: 24px;"><a href=
"employee.html">Employee </a></button>
```

```
                     <button style="font-size: 24px;"><a href= "leader.html">Leader
</a></button> <button style="font-size: 24px;"><a href=
"manager.html">Manager </a></button>
</div>
    <br>
    <br>
    <br>

    <br>
<div>
    <a name="home">
<h2><p style="text=align:centre;">Here's what we got to offer!</p></h2>
    </a>
</div>
<div id="part1">
    <a name="home">
<p style="text=align:centre;"><b>EMPLOYEES , BUCKLE UP!</b></p>
<p style="text=align:centre;">Now you can easily get your Permissions through our
portal.</p>
<p style="text=align:centre;">Now you can easily raise a request for permission with
unique ID and we will do the job of submitting it your leader and get your feedback back
to you.</p>
    </a>
</div><br><br>
<div id="part2" border="3">
<a name="home">
    <p style="text=align:centre;"><b>LEADERS!</b></p>
<p style="text=align:centre;">Are you tired of sorting out all the permissions? Grab a
popcorn and sit back cause we got you! We will send you the requested permissions!
</p>
<p style="text=align:centre;">All you have to do is login with your credentials and
decide if the permission is to be granted or not.</p>
<p style="text=align:centre;">When a the permission is rejected by you,we will send a
message to the employee dashboard.</p>
<p style="text=align:centre;">  If you approve the letter it will be forwarded to Manager
with unique ID generated at the time of raising the permission.</p>
    </a>

</div><br><br>
<div id="part3">

    <a name="home">
<p style="text=align:centre;"><b>MANAGERS , WE AINT LEAVING YOU
ALONE!</b></p>
<p style="text=align:centre;">Just check the incoming letters by logging in with your
ID.</p>
<p style="text=align:centre;">  Whether you approve or reject, the response will be
displayed on the dash-board of both leader and manager.</p>

    </a>
</div>
```

```
<br><br>
<br>
<br>
</body>
</html>
```

- **employeereg.html**

```
<html>
<head>
<title>LOGIN FORM</title>
<script type="text/javascript">
functionfname() {
var name=document.getElementById("txt").value;
 }
functionlname()
{
var name=document.getElementById('txt1').value;
 }
function age()
{
var a = document.getElementById("uname").value;}
functionvalidateemail(){
var email = document.getElementById("email").value;
functionvalidatepassword()
{
var b = document.getElementById("pwd").value;
}
functionconfirmpassword()
{
var a = document.getElementById("cpwd").value;
var b = document.getElementById("pwd").value;
}
functionuid()    {
var a = document.getElementById("uid").value;
```

```
}
functionmyFunction() {
var x = document.getElementById("pwd");
if (x.type === "password") {
x.type = "text"{
else {
x.type = "password";
functioncheckPassword() {
var password1 = document.getElementById("pwd").value;
var password2 = document.getElementById("cpwd").value;
return true;
}
}
</script>
<style>
div{
border: 5pxsolidblack;
background-color:#c1d1d4;
width:50%;
body{
background-color:grey;
</style>
</head>
<body>
<center><br><br><br><br><br><br><br><br><br>
<div style="border:box;">
<h3 align=center><b><u>NEW USER SIGN-UP</u></b></h3>
<form action = "manager.jsp"method = post>
<table align="center"width="500">
<tr>
<td><br> FIRST NAME</td>
<td><br><input type="text"id="txt"onkeyup="fname()"size=30 maxlength=20 name =
"fn"required><span id="err1"></span>
</td>
```

```
</tr>
<tr>
<td><br>LAST NAME</td>
<td><br><input type="text"name = "ln"id="txt1"onkeyup="lname()"size=30 maxlength=20
required><span id="err2"></span></td>
</tr>
<tr>
<td><br>AGE</td>
<td><br><input  type="text"id="uname"onkeyup="age()"name  =  "a"size=30  maxlength=20
required><span id="err3"></span></td>
</tr>
<tr>
<td><br>USER-ID</td>
<td><br><input type="text"id="uid"name = "id"onkeyup="uid()"size=30 maxlength=20
required><span id="err6"></span></td>
</tr>
<tr>
<td><br>EMAIL</td>
<td><br><input type="text"name = "e"id="email"onkeyup="validateemail()"size=30
maxlength=20 required><span id="emailerr"></span></td>
</tr>
<tr>
<td><br>PASSWORD</td>
<td><br><input type="password"name =
"pwd"id="pwd"onchange="validatepassword()"name="p1"><span id="err4"></span></td>
</tr>
<tr>
<td><br>CONFIRM PASSWORD</td>
<td><br><input type="password"id="cpwd"onblur="checkPassword()"name="p2"><span
id="err5"></span></td>
</tr>
<tr>
<tdalign="center"colspan="2"><br><input type="checkbox"onclick="myFunction()">Show
Password<br>
```

```
<br>
<input type = "submit"></td></tr>
</table>
</form>
</div>
<br>
<br>
</center>
</body>
</html>
```

- **managerreg.jsp**

```
<%@ page import="java.sql.*" %>

<%
String v1=request.getParameter("fn");
        String v2=request.getParameter("ln");
        int v3= Integer.parseInt(request.getParameter("a"));
        int v4=Integer.parseInt(request.getParameter("id"));
        String v5=request.getParameter("e");
        String v6=request.getParameter("pwd");



try
{
        Class.forName("com.mysql.jdbc.Driver");
        System.out.println("Driver Class Loaded");
         Connection con = null;

con=DriverManager.getConnection("jdbc:mysql://localhost:3306/deepika?characterEncoding
=latin1&useConfigs=maxPerformance","root","deepika");
        System.out.println("Connection Established");
```

```
PreparedStatementpstmt=con.prepareStatement("insert into manager
values(?,?,?,?,?,?)");
pstmt.setString(1, v1);
pstmt.setString(2, v2);
pstmt.setInt(3, v3);
pstmt.setInt(4, v4);
pstmt.setString(5, v5);
pstmt.setString(6, v6);
int rs=pstmt.executeUpdate();
if(rs>0)
{
out.println("<center>SUCCESSFULLY REGISTERED!</center>");
out.println("<a
href='http://localhost:8080/EP_Project/Ep_project.html'>GO TO HOME </a>");
}

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

%>
```

- **empchangepwd.jsp**

```
<%@ page import="java.sql.*" %>
<%
//String fname = (String)session.getAttribute("fn");
String id = (String)session.getAttribute("id");
String pwd = (String)session.getAttribute("pwd");
if(id==null || pwd==null)
{
response.sendRedirect("usession.html");
```

```
}
%>
<%

String opwd = request.getParameter("opwd");
String npwd = request.getParameter("npwd");

try
{
Class.forName("com.mysql.jdbc.Driver");
System.out.println("Driver Class Loaded");
Connection con = null;
con=DriverManager.getConnection("jdbc:mysql://localhost:3306/deepika?
characterEncoding=latin1&useConfigs=maxPerformance","root","deepika
");
System.out.println("Connection Established");

PreparedStatementpstmt = con.prepareStatement("select * from  where
employee id=? and pwd=?");
pstmt.setString(1,id);
pstmt.setString(2,opwd);
ResultSetrs = pstmt.executeQuery();
if(rs.next())
{
PreparedStatement pstmt1 = con.prepareStatement("update employee set
pwd=? where id=?");
pstmt1.setString(1,npwd);
pstmt1.setString(2,id);
int i = pstmt1.executeUpdate();
if(i>0)
{
%>
<h3>Password Updated Successfully</h3><br>
<a href=”home.html”>Login Again</a>
<%
}
else
{
%>
```

```
<h3>Password has not been updated</h3><br>
<a href="changepwd.jsp">Try Again</a>
<%
}
}
else
{
%>
<h3>Current Password is incorrect</h3><br>
<a href="changepwd.jsp">Try Again</a>
<%
}
}
catch(Exception e)
{
out.println(e);
}
%>
```

- **raisepermission.html**

```
<html>
   <head>
      <title>Raise Permission</title>
   </head>
   <body bgcolor="lightsteelblue">
      <h2 align="center" style="size:10pt;color:black">Raise
Permission</h2><center>
          <a href="employeehome.html">Home</a>   
;
      <a href="changepwd.jsp">Change
Password</a>   
      <a href="raisepermission.jsp">Raise
Permissions</a>   
      <a href="e_viewpermission.jsp">View
Permissions</a>   

      <a href="e_logout.jsp">Logout</a>
```

```
</center>
      <br><br>
  <form method="post" action="">

     <table align="center" width="50%" height="25%">

        <tr>
           <td><b>ID</b></td>
           <td><input type="number" name="peid" required></td>

        </tr>

        <tr>
           <td><b>Category</b></td>
           <td><input type="text" name="pecat" required></td>
        </tr>
        <tr>
           <td><b>Start Date</b></td>
           <td><input type="date" name="sdate" required></td>

        </tr>
         <tr>
           <td><b>End Date</b></td>
           <td><input type="date" name="edate" required></td>
        </tr>
         <tr>
           <td><b>Duration</b></td>
           <td><input type="number" name="dur" required></td>
        </tr>
        <tr>
           <td><b>Reason</b></td>
           <td><textarea name="rea"></textarea></td>
        </tr>

        <tr>
           <td align="center"><input type="submit" value="Submit"></td>
           <td align="center"><input type="reset" value="Clear"></td>
        </tr>
```

```
</table>

</form>
```

- **managerlogin.jsp**

```
<%@page import="java.io.IOException, java.io.PrintWriter,
                                        java.sql.Connection,
                                        java.sql.DriverManager,
                                        java.sql.PreparedStatement,
                                        java.sql.SQLException,
                                        javax.servlet.ServletException,
                                        javax.servlet.http.HttpServlet,
                                        javax.servlet.http.HttpServletRequest,
                                        javax.servlet.http.HttpServletResponse,
                                        java.sql.ResultSet"
 %>

<%
                String v1 = (String)(request.getParameter("v1"));
                String v2 = request.getParameter("v2");
                int f=0;



                Class.forName("com.mysql.jdbc.Driver");
                System.out.println("Driver Class Loaded");
                 Connection con = null;

con=DriverManager.getConnection("jdbc:mysql://localhost:3306/deepika?characterE
ncoding=latin1&useConfigs=maxPerformance","root","deepika");
                System.out.println("Connection Established");
                PreparedStatementpstmt=con.prepareStatement("select * from
manager");
```

```
ResultSetrs=pstmt.executeQuery();


        while(rs.next()){
           if(v1.equals(rs.getString("id")) && v2.equals(rs.getString("pwd"))){
                    f=1;
                    break;
           }
           else{
                    f=0;
           }
        }

        if(f==1){
           //out.println("<center><h1 style='color:green'> "+ "LOGIN SUCESSFULL"+
"</h1></center>");
           response.sendRedirect("managerhome.html");

           session.setAttribute("id",v1);
           session.setAttribute("pwd", v2);
        }
        else{
           out.println("<center><h1 style='color:red'>"+ "LOGIN UNSUCESSFULL"+
"</h1></center>");
           out.println("<center><h3 style='color:black'>please check your credentials
and try again</h3></center>");
           out.println("<center><button style='background-color:#4CAF50'><a href =
'managerlogin.html'> LOGIN PAGE  </a></button></center>");
        }
%>
```

- **leaderlogin.jsp**

```
<%@page import="java.io.IOException, java.io.PrintWriter,
```

```
                                        java.sql.Connection,
                                        java.sql.DriverManager,
                                        java.sql.PreparedStatement,
                                        java.sql.SQLException,
                                        javax.servlet.ServletException,
                                        javax.servlet.http.HttpServlet,
                                        javax.servlet.http.HttpServletRequest,
                                        javax.servlet.http.HttpServletResponse,
                                        java.sql.ResultSet"
 %>

<%
                String v1 = (String)(request.getParameter("v1"));
                String v2 = request.getParameter("v2");
                int f=0;



                Class.forName("com.mysql.jdbc.Driver");
                System.out.println("Driver Class Loaded");
                 Connection con = null;

con=DriverManager.getConnection("jdbc:mysql://localhost:3306/deepika?characterEncoding
=latin1&useConfigs=maxPerformance","root","deepika");
                System.out.println("Connection Established");
                PreparedStatementpstmt=con.prepareStatement("select * from leader");
ResultSetrs=pstmt.executeQuery();



      while(rs.next()){
        if(v1.equals(rs.getString("id")) && v2.equals(rs.getString("pwd"))){
                f=1;
                break;
        }
        else{
```

```
                f=0;
            }
        }

        if(f==1){
            //out.println("<center><h1 style='color:green'> "+ "LOGIN SUCESSFULL"+
"</h1></center>");
            response.sendRedirect("leaderhome.html");

            session.setAttribute("id",v1);
            session.setAttribute("pwd", v2);
        }
        else{
            out.println("<center><h1 style='color:red'>"+ "LOGIN UNSUCESSFULL"+
"</h1></center>");
            out.println("<center><h3 style='color:black'>please check your credentials and try
again</h3></center>");
            out.println("<center><button style='background-color:#4CAF50'><a href =
'leaderlogin.html'> LOGIN PAGE  </a></button></center>");
        }
 %>
```

- **laccept.jsp**

```
<%@ page import="java.sql.*" %>
<%
String id=(String)request.getParameter("id");
try
{
            Class.forName("com.mysql.jdbc.Driver");
            System.out.println("Driver Class Loaded");
             Connection con = null;
```

```
con=DriverManager.getConnection("jdbc:mysql://localhost:3306/deepika?characterEncoding
=latin1&useConfigs=maxPerformance","root","deepika");
        System.out.println("Connection Established");

        PreparedStatementpstmt=con.prepareStatement("update raise set lstatus=? where
id=?" );
                pstmt.setString(1, "ACCEPTED");
                pstmt.setString(2, id);
                int rs=pstmt.executeUpdate();
                if(rs>0){
                        System.out.println("Updated");
                        response.sendRedirect("l_viewpermission.jsp");
                }
}
catch(Exception e)
{
        out.println(e);
}
%>
```

- **lreject.jsp**

```
<%@ page import="java.sql.*" %>

<%
String id=(String)request.getParameter("id");
try
{
        Class.forName("com.mysql.jdbc.Driver");
        System.out.println("Driver Class Loaded");
         Connection con = null;
```

```
con=DriverManager.getConnection("jdbc:mysql://localhost:3306/deepika?characterEncoding
=latin1&useConfigs=maxPerformance","root","deepika");
        System.out.println("Connection Established");

        PreparedStatementpstmt=con.prepareStatement("update raise set lstatus=? where
id=?" );
                pstmt.setString(1, "REJECTED");
                pstmt.setString(2, id);
                int rs=pstmt.executeUpdate();
                if(rs>0){
                        System.out.println("Updated");
                        response.sendRedirect("l_viewpermission.jsp");
                }
}
catch(Exception e)
{
        out.println(e);
}
%>
```

- **emp_raise.jsp**

```
<%@ page import="java.sql.*" %>

<%
   String v1=request.getParameter("id");
        String v2=request.getParameter("cat");
        String v3= request.getParameter("sdate");
        String v4=request.getParameter("edate");
        String v5=request.getParameter("duration");
        String v6=request.getParameter("reason");
        Cookie ck1 = new Cookie("id",v1);
```

```
    Cookie ck2 = new Cookie("reason",v6);

    ck1.setMaxAge(10);
    ck2.setMaxAge(10);
response.addCookie(ck1);
response.addCookie(ck2);

try
{
        Class.forName("com.mysql.jdbc.Driver");
        System.out.println("Driver Class Loaded");
         Connection con = null;

con=DriverManager.getConnection("jdbc:mysql://localhost:3306/deepika?characterEncoding
=latin1&useConfigs=maxPerformance","root","deepika");
        System.out.println("Connection Established");
                PreparedStatementpstmt=con.prepareStatement("insert into raise
values(?,?,?,?,?,?)");
                pstmt.setString(1, v1);
                pstmt.setString(2, v2);
                pstmt.setString(3, v3);
                pstmt.setString(4, v4);
                pstmt.setString(5, v5);
                pstmt.setString(6, v6);


                int rs=pstmt.executeUpdate();
                if(rs>0)
                {
                        out.println("<center>YOUR RESPONSE HAS BEEN
SUBMITTED</center>");
                        out.println("<center><a href='employeehome.html'>BACK TO
HOME!</a></center>");
```

```
                }

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

%>
```

- **emp_viewpermission.jsp**

```
<%@ page import="java.sql.*" %>
<center><h2>YOU CAN VIEW THE PERMISSIONS HERE!</h2></center>
                <%
                String id=(String)session.getAttribute("id");%>
<%
        Class.forName("com.mysql.jdbc.Driver");
        System.out.println("Driver Class Loaded");
         Connection con = null;
con=DriverManager.getConnection("jdbc:mysql://localhost:3306/deepika?characterEncoding
=latin1&useConfigs=maxPerformance","root","deepika");
System.out.println("Connection Established");
        PreparedStatementpstmt=con.prepareStatement("select lstatus,mstatus from raise
where id=? ");
        pstmt.setString(1,id);
        ResultSetrs=pstmt.executeQuery();
         while(rs.next()){

        if(rs.getString("lstatus").equals("ACCEPTED")&&rs.getString("mstatus").equals("A
CCEPTED"))
```

```
                {
                        out.println("YOUR PERMISSION HAS BEEN ACCEPTED");

                }
                else
                {
                        out.println("YOUR PERMISSION HAS BEEN REJECTED");
}
        }
%>
```

- **Employeelogin.jsp**

```
<%@page import="java.io.IOException, java.io.PrintWriter,
                                        java.sql.Connection,
                                        java.sql.DriverManager,
                                        java.sql.PreparedStatement,
                                        java.sql.SQLException,
                                        javax.servlet.ServletException,
                                        javax.servlet.http.HttpServlet,
                                        javax.servlet.http.HttpServletRequest,
                                        javax.servlet.http.HttpServletResponse,
                                        java.sql.ResultSet"
 %>

<%
                String v1 = (String)(request.getParameter("v1"));
                String v2 = request.getParameter("v2");
                int f=0;


                Class.forName("com.mysql.jdbc.Driver");
                System.out.println("Driver Class Loaded");
```

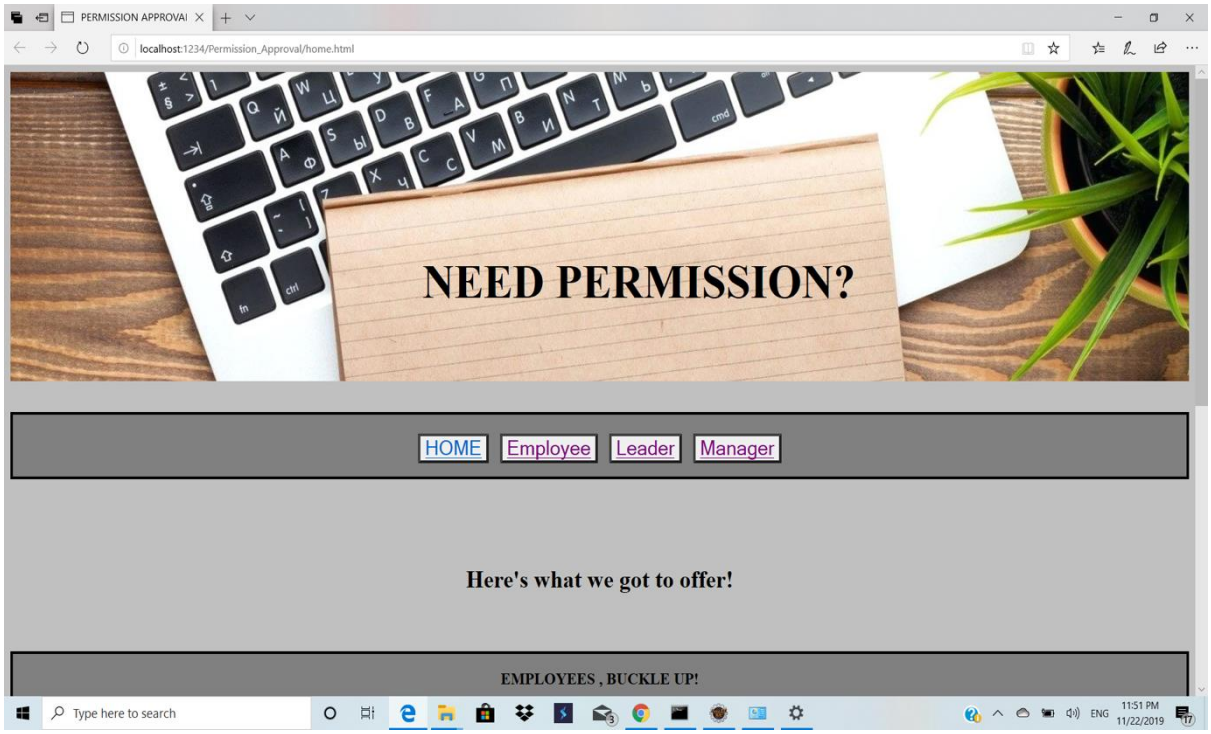
```
                Connection con = null;

con=DriverManager.getConnection("jdbc:mysql://localhost:3306/deepika?characterEncoding
=latin1&useConfigs=maxPerformance","root","deepika");
                System.out.println("Connection Established");
                PreparedStatementpstmt=con.prepareStatement("select * from employee");
ResultSetrs=pstmt.executeQuery();



      while(rs.next()){
         if(v1.equals(rs.getString("id")) && v2.equals(rs.getString("pwd"))){
                f=1;
                break;
         }
         else{
                f=0;
         }
      }

      if(f==1){
         //out.println("<center><h1 style='color:green'> "+ "LOGIN SUCESSFULL"+
"</h1></center>");
         response.sendRedirect("employeehome.html");

         session.setAttribute("id",v1);
         session.setAttribute("pwd", v2);

      }
      else{
         out.println("<center><h1 style='color:red'>"+ "LOGIN UNSUCESSFULL"+
"</h1></center>");
         out.println("<center><h3 style='color:black'>please check your credentials and try
again</h3></center>");
```

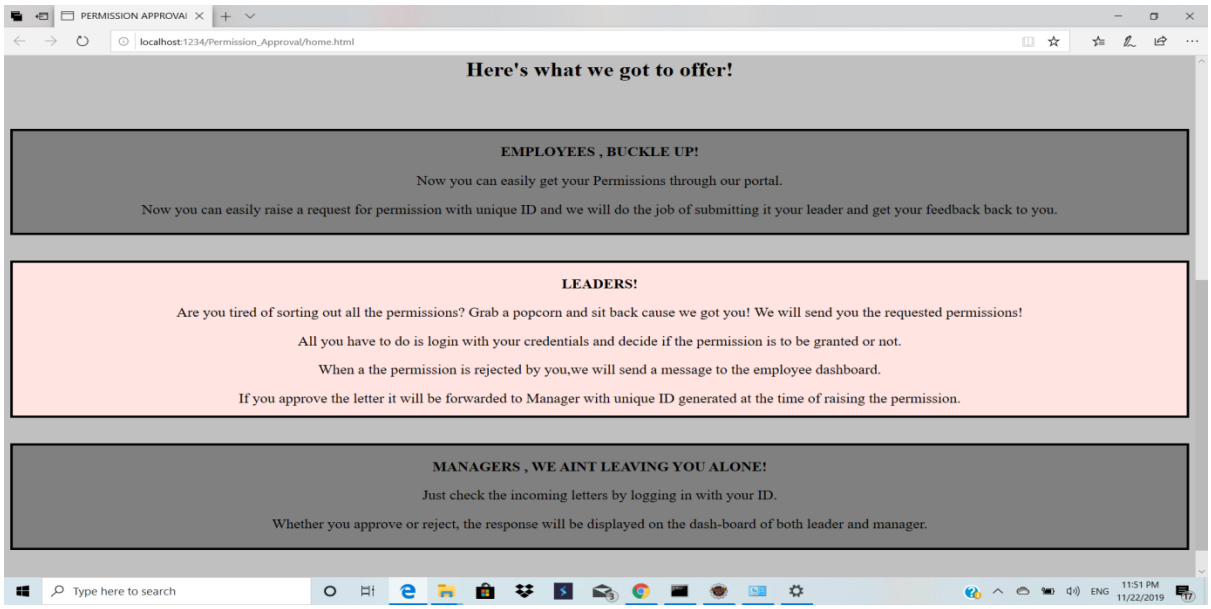
```
        out.println("<center><button style='background-color:#4CAF50'><a href =
'emplogin.html'> LOGIN PAGE  </a></button></center>");
      }
 %>
```

- **leaderhome.html**

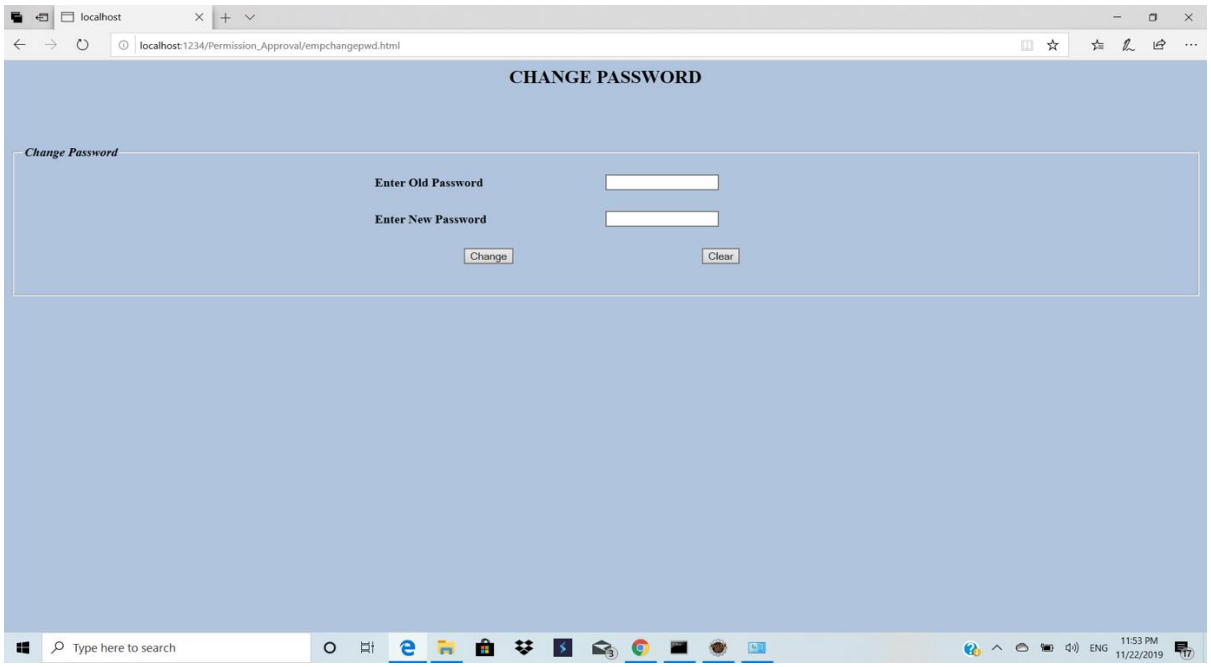
```
<html>
<head>
<title>Leader</title>
</head>
<body bgcolor="lightsteelblue">
<h2 align="center" style="size:10pt;color:black">Leader</h2>
<a href="leaderhome.html">Home</a>   
<a href="changepwd.jsp">Change Password</a>   
<a href="l_viewpermission.jsp">View Permissions</a>   
<a href="logout.jsp">Logout</a>
<br><br>
</body></html>
```

6.OUTPUT SCREENS

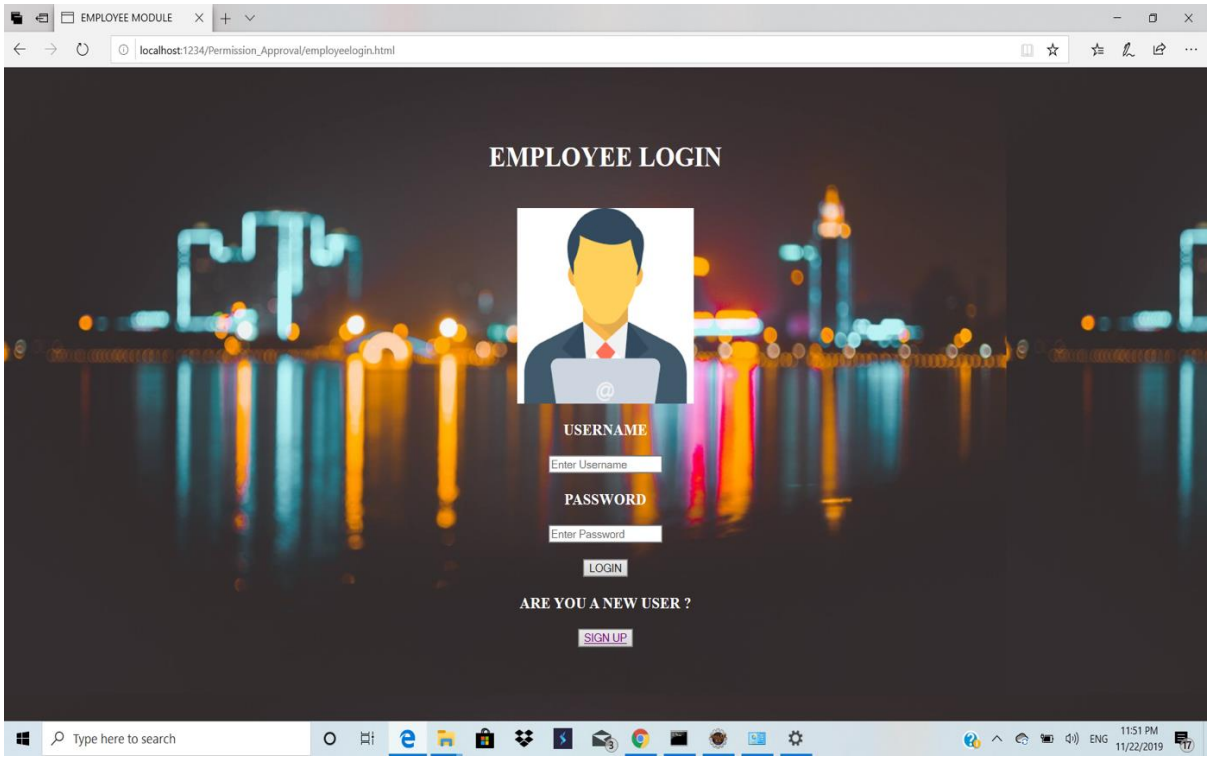

PERMISSION APPROVAI
localhost:1234/Permission_Approval/home.html
NEED PERMISSION?
HOME
Employee
Leader
Manager
Here's what we got to offer!
EMPLOYEES , BUCKLE UP!
Type here to search
ENG
11:51 PM
11/22/2019


PERMISSION APPROVAI
localhost:1234/Permission_Approval/home.html
Here's what we got to offer!
EMPLOYEES , BUCKLE UP!
Now you can easily get your Permissions through our portal.
Now you can easily raise a request for permission with unique ID and we will do the job of submitting it your leader and get your feedback back to you.
LEADERS!
Are you tired of sorting out all the permissions? Grab a popcorn and sit back cause we got you! We will send you the requested permissions!
All you have to do is login with your credentials and decide if the permission is to be granted or not.
When a the permission is rejected by you,we will send a message to the employee dashboard.
If you approve the letter it will be forwarded to Manager with unique ID generated at the time of raising the permission.
MANAGERS , WE AINT LEAVING YOU ALONE!
Just check the incoming letters by logging in with your ID.
Whether you approve or reject, the response will be displayed on the dash-board of both leader and manager.
Type here to search
ENG
11:51 PM
11/22/2019

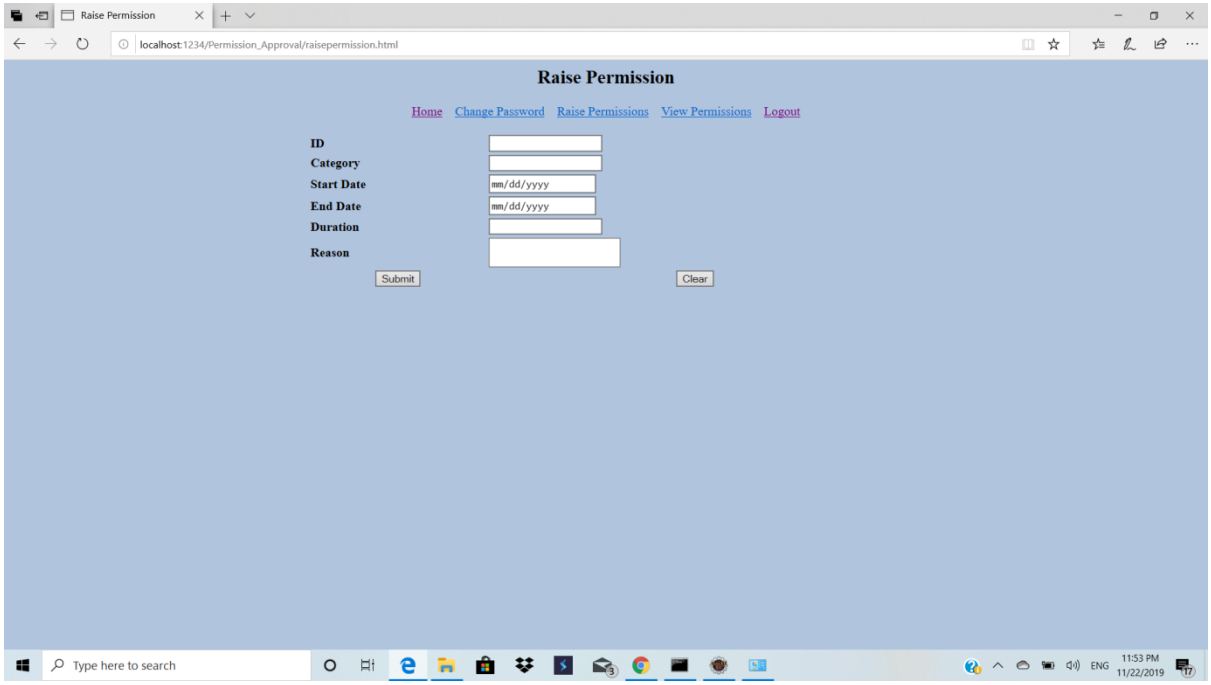
HOME.HTML



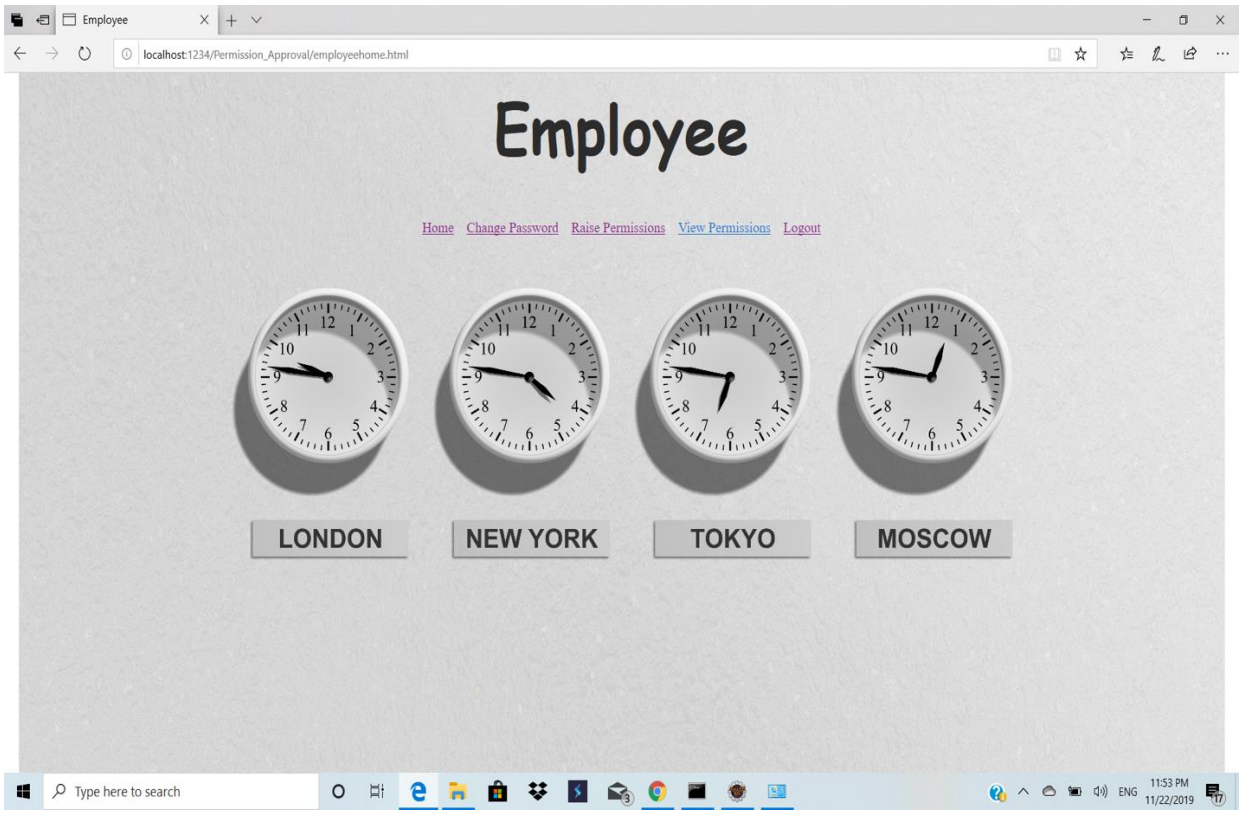
EMPCHANGEPWD.HTML



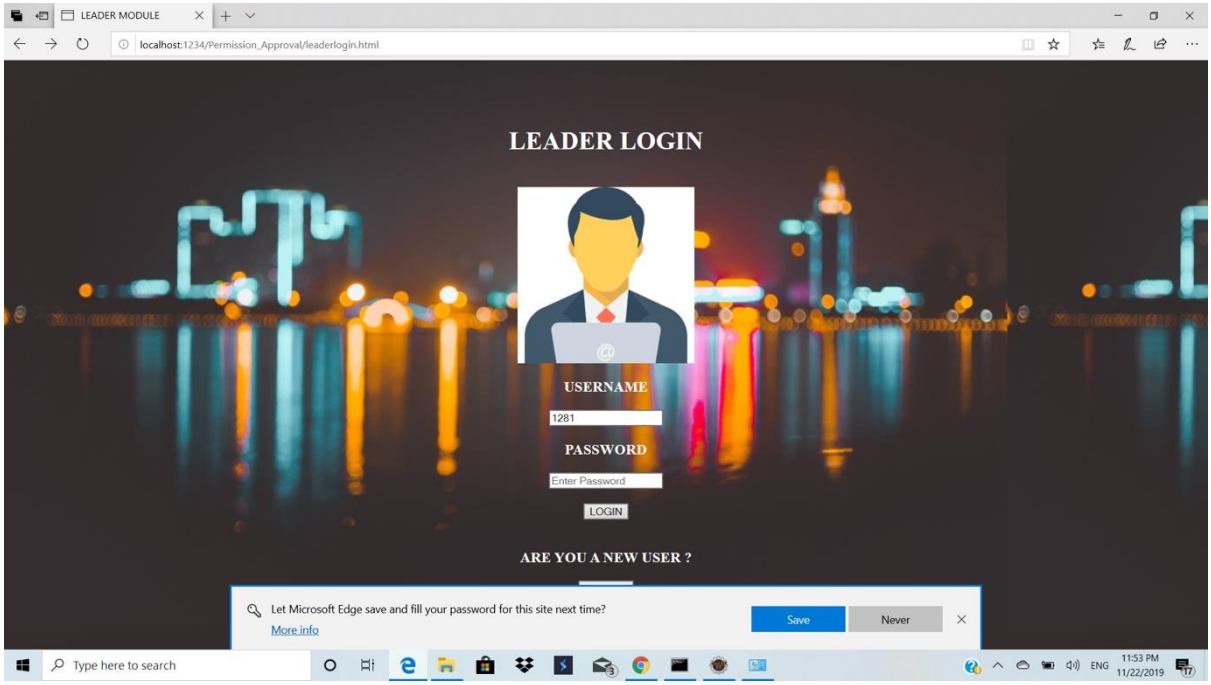
EMPLOYEELOGIN.HTML



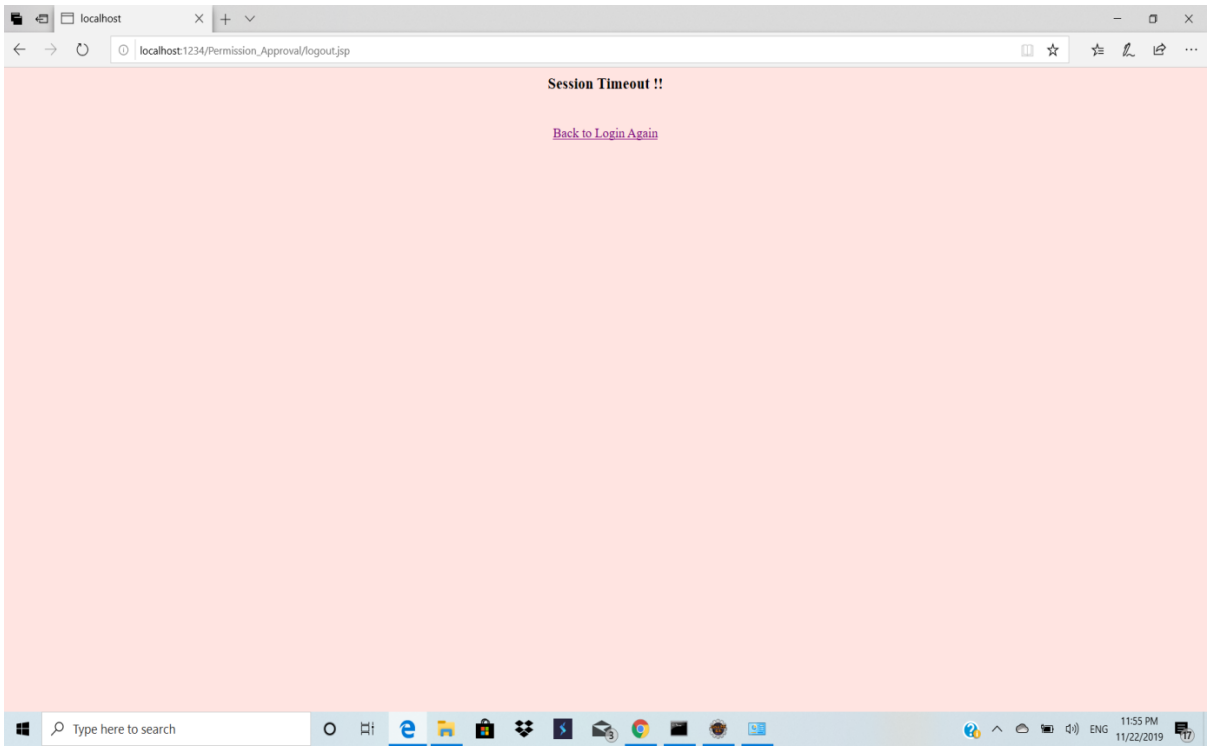
RAISEPERMISSION.HTML



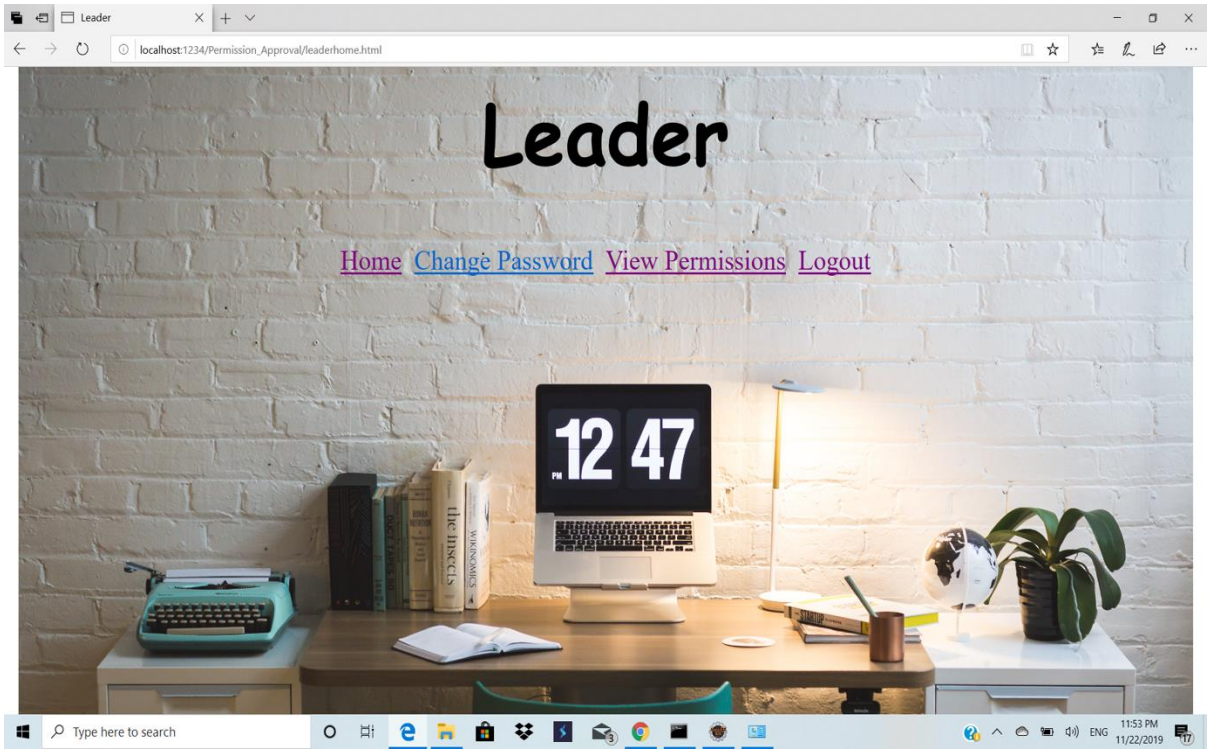
EMPLOYEEHOME.HTML



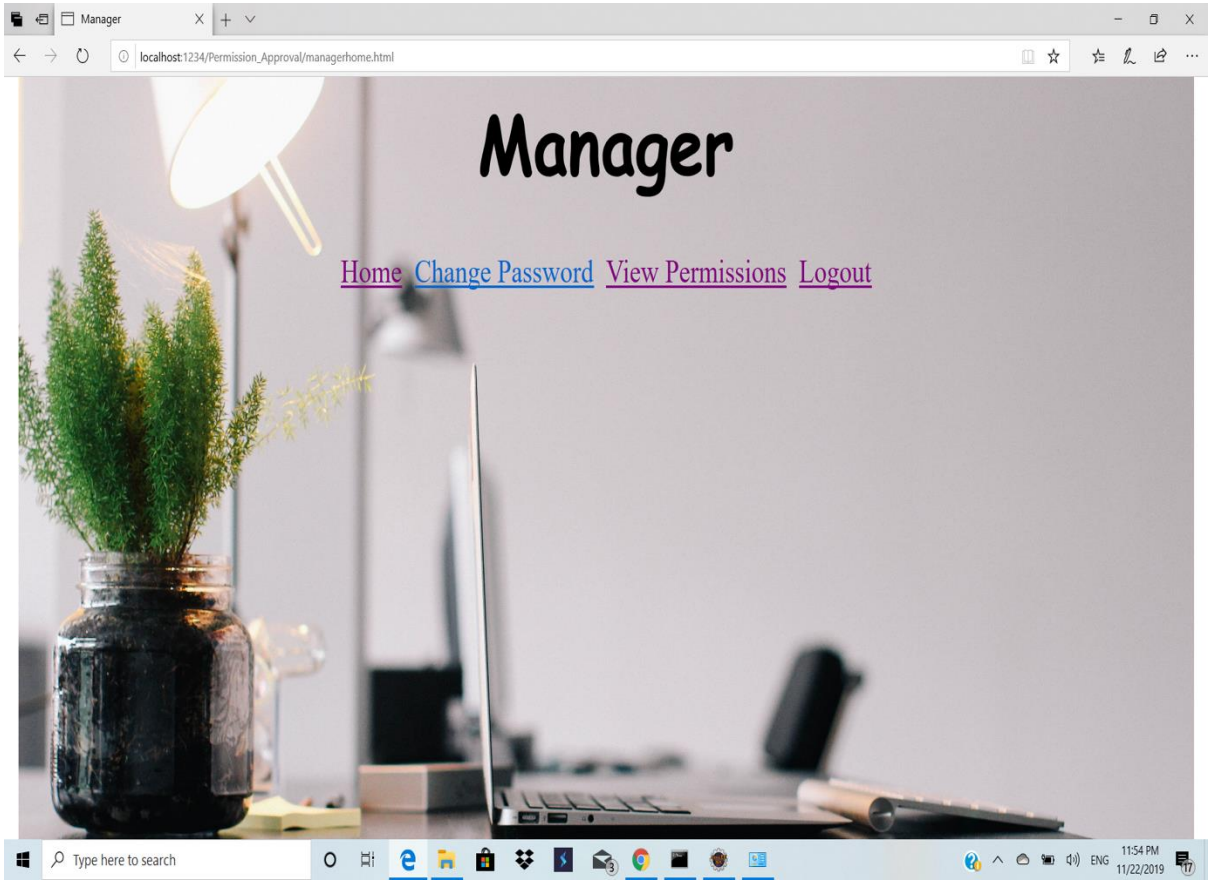
LEADERLOGIN.HTML



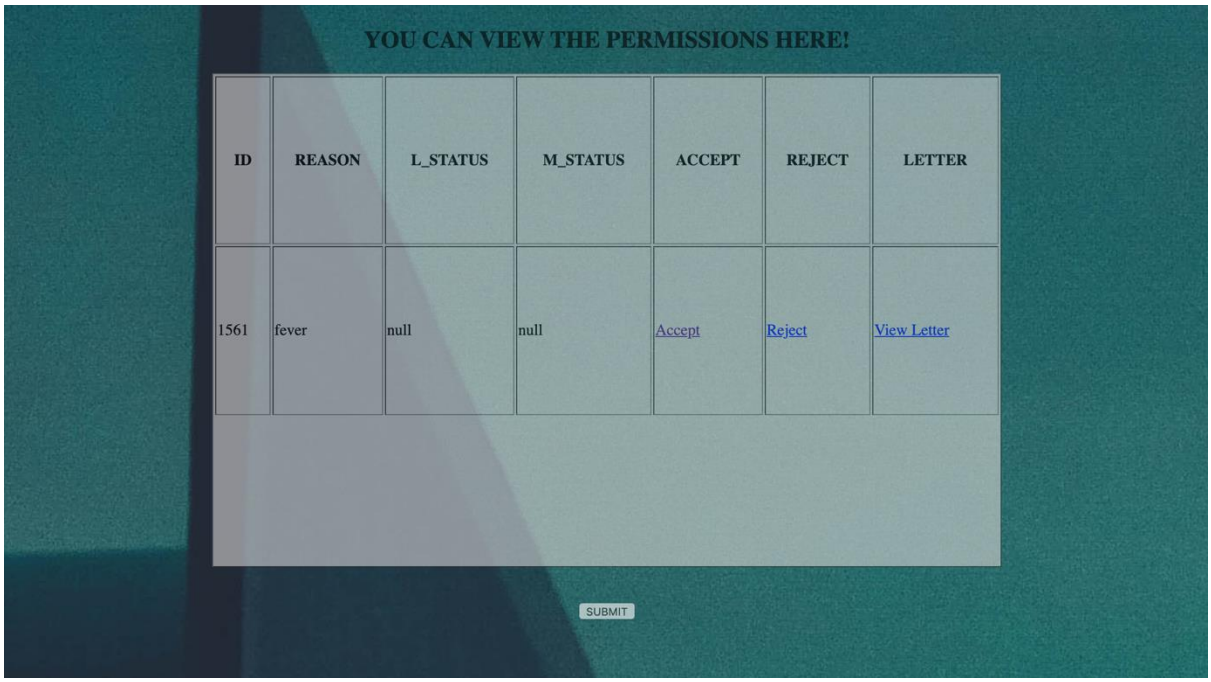
LOGOUT.JSP



LEADERHOME.HTML



MANAGERHOME.HTML

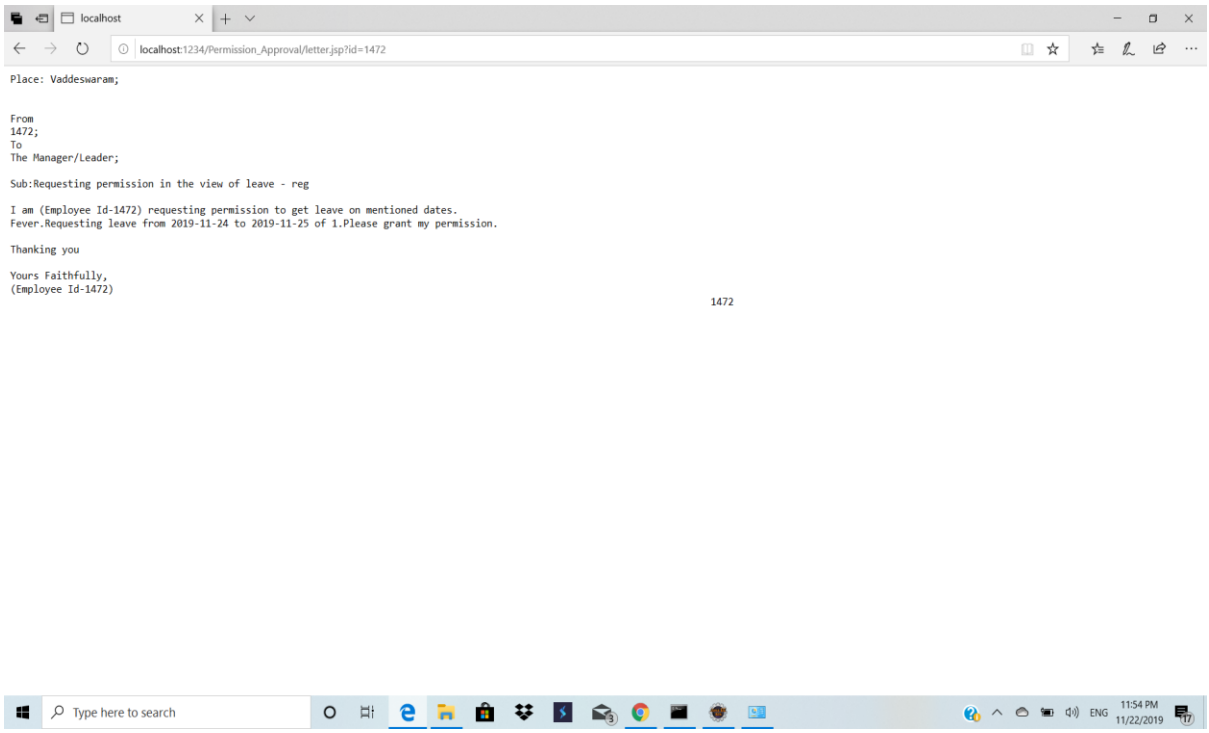


VIEWPERMISSION.HTML

YOU CAN VIEW YOUR PERMISSIONS HERE!

YOUR PERMISSION HAS BEEN ACCEPTED!

EMPVIEWPERMISSION.JSP



LETTER.JSP

7.CONCLUSION AND FUTURE SCOPE

In this project we tried to get any sort of permission online for employee by just sending a message to the leader and then it going to the manager to grant the permission if they see fit by using the front ends (HTML, CSS andJavascript), middleware (JSP) , backend (MySQL). And we also used IDE-Eclipse with the software like Apache tomcat and JDK. If we do extend this project and develop furtherly we can easily get the answers to the requests for the permissions without doing it all manually.

8.REFERENCES

https://www.tutorialspoint.com

https://en.wikipedia.org

https://www.w3schools.com

https://www.javatpoint.com