TransUnion

Java | Frameworks | Databases | Technology | Development | Build/Test tools | OS | Servers | PHP | Books | More | What's New?

Core Java | JSP | Servlets | XML | EJB | JEE5 | Web Services | J2ME | Glossary | Questions? | Software Development

Search Google™ Custom Search [Search]

iPhone Baby Names Application

Record user login and logout timing In JSP

In this section, we have developed a web application of maintain record of the user Login and Logout Time in JSP.

Record user login and logout timing In JSP

<—Prior   Index   Next—>

In this section, we have developed a web application of maintain record of the user Login and Logout Time in JSP. Six files are used **"home.jsp"**, **"login.jsp"**, **"userloginmid.jsp"**, " **welcome.jsp"**, **"logout.jsp"** and **"userstatus.jsp"** in the code given below.

Brief description of the flow of application :

1). Create a webpage **"home.jsp"** to login the user and show the user login status link.

2). Create a webpage **"login.jsp"** to login the user.

3). Create a webpage **"welcome.jsp"** to display a message after successful login.

4). Create a webpage " **userstatus.jsp"** to display all the Login and Logout User status.

Step:1 Create Table for Database :

"userregister"

```
create table `userregister` (
`id` double ,
`username` varchar (50),
`password` varchar (50),
`first_name` varchar (50),
`last_name` varchar (50),
`city` varchar (50),
`state` varchar (50),
`country` varchar (50)
);
```

"admin"

```
create table `admin` (
`id` double ,
`userid` double ,
`intime` datetime ,
`outtime` datetime
);
```

Step:2 Create a web page "home.jsp" to login and display the user status link.

```
<HTML>
<HEAD>
 <TITLE>Login Application</TITLE>
 </HEAD>

 <BODY>
<br><br><br><br><br>
<table align="center">
<%
if(session.getAttribute("username")!=null && session.getAttribute("username")!="")
{
%>
 <tr><td align="left"><a href="logout.jsp">Click Here to Logout</a></td></tr>
<%
}
else
{
%>
 <tr><td align="left"><a href="login.jsp">Click Here to User Login</a></td></tr>
```
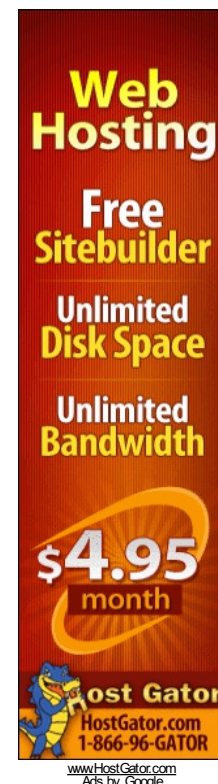
```
  <%
   }
  %>
  <tr><td align="left"> </td></tr>
  <tr><td align="left"><a href="userstatus.jsp">View Users Logon status</a></td></tr>
  </table>
  </BODY>
</HTML>
```

Step:3 To create a "login.jsp" to login the user

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

<table align="center" width="400px" border=0>
<tr><td align="right" width="300"><a href="home.jsp">Home</a></td></td></tr>
</table>

<table align="center"><tr><td colspan=2><h1>User Login</h2></td></tr></table>


<form name="loginform" method="post" action="userloginmid.jsp">
<table align="center" width="300px" style="border:1px solid #000000;" >
  <tr><td colspan=2> </td></tr>
  <tr>
    <td><b>Login Name</b></td>
    <td><input type="text" name="userName" value=""></td>
  </tr>
  <tr>
    <td><b>Password</b></td>
    <td><input type="password" name="password" value=""></td>
  </tr>
  <tr>
    <td> </td>
    <td><input type="submit" name="Submit" value="Submit"></td>
  </tr>
  <tr><td colspan=2> </td></tr>
</table>
</form>
</body>
</html>
```

Step:4 To create a "welcome.jsp" to display the message after succesful login the user.

```
<%@ page import="java.sql.*,java.util.*" %>
<html>
<body>
<br><br>
<table align="center" width="300px" border=0>
<%
String username="";
if(session.getAttribute("username")!=null && session.getAttribute("username")!="")
{
username=session.getAttribute("username").toString();
%>
  <tr>
    <td align="right" width="690"><a href="home.jsp">Home</a></td>
    <td align="right"><a href="logout.jsp">Logout</a></td>
  </tr>
<%
}
else
{
%>
  <tr>
    <td align="right"><a href="home.jsp">Home</a></td>
    <td align="right"><a href="login.jsp">Login</a></td>
  </tr>
<%
}
%>
<tr><td colspan=2> </td></tr>
<tr><td colspan=2><h1>Welcome <%=username%></h1></td></tr>
<table>
</body>
</html>
```

Step:5 Create a webpage "userstatus.jsp" to display the User Status .

```
<%@ page import="java.sql.*,java.util.*,java.text.*,java.text.SimpleDateFormat" %>
<html>
<head>
<TITLE>Login Application</TITLE>
</head>
<body>
<br><br>
<table align="center" width="400px" border=0>
  <%
  if(session.getAttribute("username")!=null && session.getAttribute("username")!="")
  {
  %>
    <tr>
      <td align="right" width="350"><a href="home.jsp">Home</a></td>
      <td align="right"><a href="logout.jsp">Logout</a></td>
```

```jsp
        </tr>
    <%
    }
    else
    {
    %>
    <tr>
      <td align="right" width="350"><a href="home.jsp">Home</a></td>
      <td align="right"><a href="login.jsp">Login</a></td>
    </tr>
    <%
    }
    %>
</table>

<table width="400px" align="center" border=0>

  <tr style="background-color:#D9B0D8;">
    <td align="center"><b>User Id</b></td>
    <td align="center"><b>Username</b></td>
    <td align="center"><b>Login</b></td>
    <td align="center"><b>Logout</b></td>
  </tr>
<%
System.out.println("MySQL Connect Example.");
Connection conn = null;
String url = "jdbc:mysql://localhost:3306/";
String dbName = "user_register";
String driver = "com.mysql.jdbc.Driver";
String username = "root";
String userPassword = "root";
String user = "";

try
{
  Class.forName(driver).newInstance();
  conn = DriverManager.getConnection(url+dbName,username,userPassword);
  Statement st = conn.createStatement();
  Statement st1 = conn.createStatement();
  String queryString = "select * from admin order by userid";
  ResultSet rs = st.executeQuery(queryString);
  ResultSet rs1=null;
  String queryStringuser="";
  SimpleDateFormat sdfDestination=null;
  int count=0;
  String strcolor = "";
  while(rs.next())
  {
    count = count%2;
    if(count==0)
    {
      strcolor = "#D9D9D9";
    }
    else
    {
      strcolor = "#EFEFEF";
    }
    count++;
    queryStringuser = "select * from userregister where id="+rs.getInt(2);
    rs1 = st1.executeQuery(queryStringuser);
    while(rs1.next())
    {
      user  = rs1.getString(2);
    }

    String inStr="";
    String outStr="";
    java.util.Date date;
    String intime="";
    String outtime="";
    if((rs.getString(3)!=null && rs.getString(3)!=""))
    {
      inStr = rs.getString(3).toString().substring(0,rs.getString(3).toString().indexOf("."));
      try
      {
        date = new  SimpleDateFormat("yyyy-MM-dd hh:mm:ss").parse(inStr);
        sdfDestination = new SimpleDateFormat("MMM dd, hh:mm:ss");
        intime = sdfDestination.format(date);
      }
      catch (Exception e)
      {
        e.getMessage();
      }
    }

    if((rs.getString(4)!=null && rs.getString(4)!=""))
    {
      outStr = rs.getString(4).toString().substring(0,rs.getString(3).toString().indexOf("."));
      try
      {
        date = new  SimpleDateFormat("yyyy-MM-dd hh:mm:ss").parse(outStr);
        sdfDestination = new SimpleDateFormat("MMM dd, hh:mm:ss");
        outtime = sdfDestination.format(date);
      }
      catch (Exception e)
      {
        e.getMessage();
      }
    }
```

```
    %>
    <tr style="background-color:<%=strcolor%>;">
        <td align="center"><%=rs.getInt(2)%></td>
        <td align="left" style="padding-left:10px;"><%=user%></td>
        <td align="center"><%=intime%></td><td align="center"><%=outtime%></td>
    </tr>
    <%
    }
    conn.close();
}
catch (Exception e)
{
    e.printStackTrace();
}
%>
```

Output:

Login Authentication form :

Click Here to User Login

View Users Logon status

Home

User Login

Login Name   vineet
Password   ******
              Submit

After Successful Login user :

Home Logout

Welcome vineet

Status of all the User

Home Login

User Id	Username	Login	Logout
1	vineet	Sep 05, 05:19:05	Sep 05, 05:19:07
2	amar	Sep 05, 05:20:07	Sep 05, 05:20:09
3	amit	Sep 05, 05:20:44	Sep 05, 05:20:45
4	saurabh	Sep 05, 05:20:28	Sep 05, 05:20:29
5	vinod	Sep 05, 05:20:55	Sep 05, 05:20:57

Download the full code

<←Prior   Index   Next→>

⭐⭐⭐☆☆

Related Tags: java c excel apache class import model object setup io client user print port anchor cli int ria ai cell

Add This Tutorial To:

Del.icio.us Digg Google Spurl Blink Furl Simpy MyWeb Y! MyWeb

Current Comments

3 comments so far (post your own) View All Comments Latest 10 Comments:

hi
I am trying to test this example but I would want to know How is the relationship between the 2 tables in the example?? I not see prymary or foreign keys in the code. I would want to know this relationship because the example not run give me some mistakes in the output. For example: in the userstatus page not show the outtime column!
thank you and excume for my english.

▸ Posted by Jhon on Thursday, 05.20.10 @ 18:43pm | #97120

View This Comment Separately

this site is really beautiful to use.. and everyone should get everything from this site..u find any code.. just clicking once

▸ Posted by rameez ahmad on Saturday, 05.8.10 @ 22:52pm | #96914

View This Comment Separately

Hello everyone,
I am a computer dummy. I have a computer which many users login to use a software available. In order to charge them I would like to know their login and logout time. The prog login.JSP seems to be the one I need but I am not sure about it. I dont want the users (limited) to be able to access login tracker but the administrator account users should be able to. SO please advice if this will work for me and how to install this on windows XP. BTW all users use windows login to loginto the computers and I tried looking into the logdata under my computer (manage) but it does not have it. SO please help.

▸ Posted by suresh kumar on Friday, 12.19.08 @ 12:36pm | #82975

View This Comment Separately

Send your comments, Suggestions or Queries regarding this site at roseindia_net@yahoo.com.