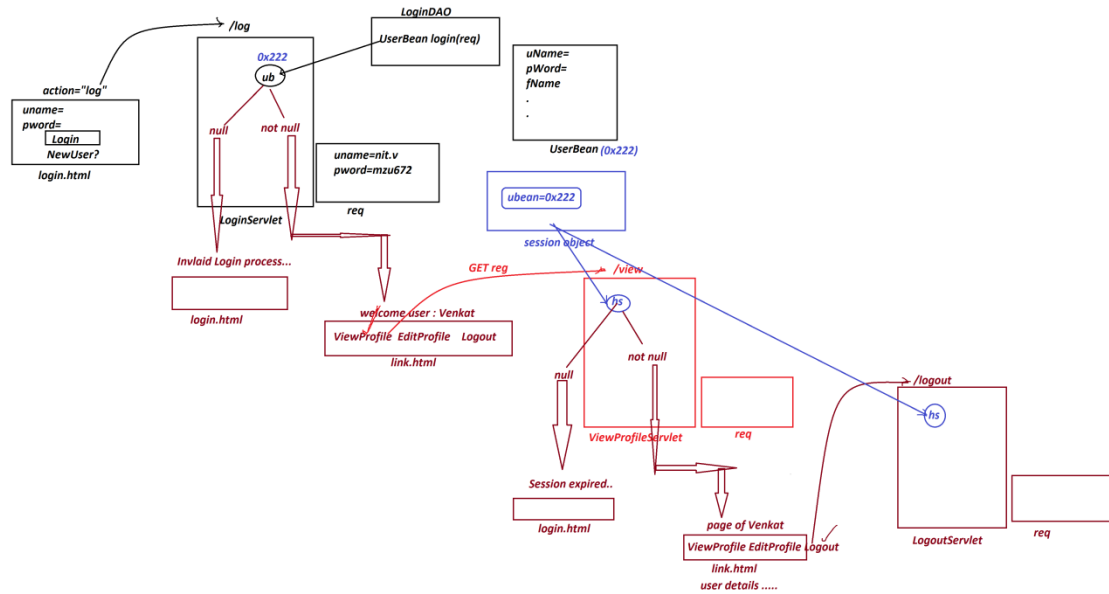


Dt : 3/6/2022

Layout:



login.html

```
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
  <form action="log" method="post">
    UserName:<input type="text"
name="uname"><br>
    PassWord:<input type="password"
name="pword"><br>
    <input type="submit" value="Login">
  </form>
</body>
</html>
```

```
    <a href="register.html">NewUser?</a>
  </form>
</body>
</html>
```

link.html

```
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<a href="view">ViewProfile</a>
<a href="">EditProfile</a>
<a href="logout">Logout</a>
</body>
</html>
```

DBConnection.java

```
package test;
import java.sql.*;
public class DBConnection {
    private static Connection
con=null; //reference variable
    private DBConnection() {}
    static
    {
        try {
```

```

Class.forName("oracle.jdbc.driver.OracleDriver");
        con =
DriverManager.getConnection

("jdbc:oracle:thin:@localhost:1521:xe"
,"system","manager");
    } catch (Exception e)
{e.printStackTrace();}
    }
    public static Connection getCon()
    {
        return con;
    }
}

```

LoginDAO.java

```
package test;
```

```
import java.sql.*;
```

```
import javax.servlet.http.*;
```

```
public class LoginDAO {
```

```
    public UserBean ub=null;
```

```
    public UserBean login(HttpServletRequest req) {
```

```
        try {
```

```
            Connection con = DBConnection.getCon();
```

```

        PreparedStatement ps = con.prepareStatement
        ("select * from UserReg45 where uname=? and pword=?");

        ps.setString(1,req.getParameter("uname"));

        ps.setString(2,req.getParameter("pword"));

        ResultSet rs = ps.executeQuery();

        if(rs.next()) {

            ub = new UserBean();//Bean Object

            ub.setuName(rs.getString(1));

            ub.setpWord(rs.getString(2));

            ub.setfName(rs.getString(3));

            ub.setlName(rs.getString(4));

            ub.setAddr(rs.getString(5));

            ub.setmId(rs.getString(6));

            ub.setPhNo(rs.getLong(7));

        }

    }catch(Exception e) {e.printStackTrace();}

    return ub;

}

}

UserBean.java

package test;
import java.io.*;
@SuppressWarnings("serial")
public class UserBean implements
Serializable{

```

```
private String
uName,pWord,fName,lName,addr,mId;
private long phNo;
public UserBean() {}
public String getuName() {
    return uName;
}
public void setuName(String uName) {
    this.uName = uName;
}
public String getpWord() {
    return pWord;
}
public void setpWord(String pWord) {
    this.pWord = pWord;
}
public String getfName() {
    return fName;
}
public void setfName(String fName) {
    this.fName = fName;
}
public String getlName() {
    return lName;
}
public void setlName(String lName) {
    this.lName = lName;
}
```

```
public String getAddr() {  
    return addr;  
}  
public void setAddr(String addr) {  
    this.addr = addr;  
}  
public String getmId() {  
    return mId;  
}  
public void setmId(String mId) {  
    this.mId = mId;  
}  
public long getPhNo() {  
    return phNo;  
}  
public void setPhNo(long phNo) {  
    this.phNo = phNo;  
}  
  
}
```

LoginServlet.java

package test;

import java.io.*;

import javax.servlet.*;

import javax.servlet.http.*;

import javax.servlet.annotation.*;

@SuppressWarnings("serial")

```

@WebServlet("/log")

public class LoginServlet extends HttpServlet{

    protected void doPost(HttpServletRequest req,

        HttpServletResponse res)throws ServletException,IOException{

        UserBean ub = new LoginDAO().login(req);

        PrintWriter pw = res.getWriter();

        res.setContentType("text/html");

        if(ub==null) {

            pw.println("Invalid Login Process....<br>");

            RequestDispatcher rd=

                req.getRequestDispatcher("login.html");

            rd.include(req, res);

        }else {

            HttpSession hs = req.getSession();//Session Created

            hs.setAttribute("ubean",ub);//Adding attribute to Session

            pw.println("Welcome User "+ub.getfName()+"<br>");

            RequestDispatcher rd =

                req.getRequestDispatcher("link.html");

            rd.include(req, res);

        }

    }

}

```

web.xml

```

<?xml version="1.0" encoding="UTF-8"?>
<web-app>
    <welcome-file-list>

```

```
<welcome-file>login.html</welcome-  
file>  
</welcome-file-list>  
</web-app>
```

ViewProfileServlet.java

package test;

import java.io.;*

import javax.servlet.;*

import javax.servlet.http.;*

import javax.servlet.annotation.;*

@SuppressWarnings("serial")

@WebServlet("/view")

public class ViewProfileServlet extends HttpServlet{

protected void doGet(HttpServletRequest req, HttpServletResponse res)

throws ServletException, IOException{

PrintWriter pw = res.getWriter();

res.setContentType("text/html");

HttpSession hs = req.getSession(false);

//Accessing existing Session

if(hs==null) {

*pw.println("Session Expired...
");*

RequestDispatcher rd =

req.getRequestDispatcher("login.html");

rd.include(req, res);

}else {

UserBean ub = (UserBean)hs.getAttribute("ubean");


```

        pw.println("Page of "+ub.getfName()+"<br>");

        RequestDispatcher rd=
            req.getRequestDispatcher("link.html");

        rd.include(req, res);

        pw.println("<br>"+ub.getfName()+"&nbsp;&nbsp;&nbsp;"+
            ub.getlName()+"&nbsp;&nbsp;&nbsp;"+ub.getAddr()+"&nbsp;&nbsp;&nbsp;"+
            ub.getMld()+"&nbsp;&nbsp;&nbsp;"+ub.getPhNo());
    }
}
}

```

LogoutServlet.java

```

package test;

import java.io.*;
import javax.servlet.*;
import javax.servlet.http.*;
import javax.servlet.annotation.*;

@SuppressWarnings("serial")
@WebServlet("/logout")

public class LogoutServlet extends HttpServlet{

    protected void doGet(HttpServletRequest req,HttpServletResponse res)
        throws ServletException,IOException{

        PrintWriter pw = res.getWriter();

        res.setContentType("text/html");

        HttpSession hs = req.getSession(false);

        if(hs==null) {

```

```
        pw.println("Session Expired...<br>");
    }else {
        hs.invalidate();//Session destroyed
        pw.println("User Logged out Successfully...<br>");
    }

    RequestDispatcher rd=
        req.getRequestDispatcher("login.html");
    rd.include(req, res);
}
}
```

=====

Assignment:

Update above application with EditProfile

=====