Database with HTML+ Servlets +MySQL

Program structure

```
>  build
v  src
   v  main
      v  java
            Ini.java
      v  webapp
         >  META-INF
         v  WEB-INF
            v  lib
                  mysql-connector-j-8.0.31.jar
                  tomcat-jsp-api-9.0.0.M18.jar
                  tomcat-servlet-api-9.0.0.M18.jar
            web.xml
         registration.html
```

Ini.java

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.SQLException;

import javax.servlet.ServletException;

import javax.servlet.ServletRequest;

import javax.servlet.ServletResponse;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

/**

 * Servlet implementation class Ini

```java
        */


    public class Ini extends HttpServlet {
            private static final long serialVersionUID = 1L;
            private String user1,pwd1,email1;
            public void service(ServletRequest req,ServletResponse res) throws
ServletException,IOException
            {
                    user1=req.getParameter("usr");
                    pwd1=req.getParameter("pwd");
                    email1=req.getParameter("mail");
                    res.setContentType("text/html");
                    PrintWriter out=res.getWriter();
                    try
                    {
                            Class.forName("com.mysql.jdbc.Driver");
                            Connection
con=DriverManager.getConnection("jdbc:mysql://localhost:3306/griet_it_db","subba","rayudu");
                            PreparedStatement st=con.prepareStatement("insert into personal
values(?,?,?,?,?,?)");

                            st.setString(1,user1);
                            st.setString(2,pwd1);
                            st.setString(3,"25");
                            st.setString(4,"hyd");
                            st.setString(5,email1);
                            st.setString(6,"21234");
                            st.executeUpdate();
                            con.close();
                    }
                    catch(SQLException s)
                    { out.println("not found "+s);
                    }
                    catch(ClassNotFoundException c)
                    {
                            out.println("not found "+c);
                    }
            }
```

}

Registration.html

```html
<html>
<head>
<title>Registration page</title>
</head>
<body bgcolor="#00FFFf">
        <form METHOD="POST" ACTION="regis">
                <CENTER>
                        <table>
                                <center>
                                        <tr>
                                                <td>Username</td>
                                                <td><input type="text" name="usr"></td>
                                        </tr>
                                        <tr>

                                                <td>Password</td>
                                                <td><input type="password" name="pwd"></td>
                                        </tr>
                                        <tr>

                                                <td>Age</td>
                                                <td><input type="text" name="age"></td>
                                        </tr>
                                        <tr>

                                                <td>Address</td>
                                                <td><input type="text" name="add"></td>
                                        </tr>
                                        <tr>

                                                <td>email</td>
                                                <td><input type="text" name="mail"></td>
                                        </tr>
                                        <tr>

                                                <td>Pho ne</td>
                                                <td><input type="text" name="phone"></td>
                                        </tr>
                                        <tr>

                                                <td colspan=2 align=center><input type="submit"
                                                        value="submit"></td>
                                        </tr>
                                </center>
                        </table>
        </form>
</body>
        </html>
```

```xml
<?xml version="1.0" encoding="UTF-8"?>
<web-app>
    <servlet>
        <servlet-name>init1</servlet-name>
        <servlet-class>Ini</servlet-class>
    </servlet>
    <servlet-mapping>
        <servlet-name>init1</servlet-name>
        <url-pattern>/regis</url-pattern>
    </servlet-mapping>



    <servlet>
        <servlet-name>init1</servlet-name>
        <servlet-class>Ini</servlet-class>
    </servlet>
    <servlet-mapping>
        <servlet-name>init1</servlet-name>
        <url-pattern>/athent</url-pattern>
    </servlet-mapping>
</web-app>
```