Experiment 6

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>HTML Code for registration page

```
<!DOCTYPE html>
<html>
<head>
	<title>Registration</title>
	<style>
		@import "compass/css3";

		* { box-sizing: border-box; }

		body {
			font-family:sans-serif;
			color:white;
			font-size:12px;
			background-image: url("https://wallpapercave.com/wp/wp2993713.png");
			background-repeat: no-repeat;
			background-attachment: fixed;
			background-size: cover;

		}

		form {
			background:#111;
			width:300px;
			margin:30px auto;
			border-radius:1.0em;
			border:6px solid #191919;
```

```
        position:relative;
        box-shadow: 0 5px 10px 5px rgba(0,0,0,0.2);
}

.inset {
        padding:20px;
        border-top:1px solid #19191a;
}

form h1 {
        font-size:18px;
        text-shadow:0 1px 0 black;
        text-align:center;
        padding:15px 0;
        border-bottom:1px solid rgba(0,0,0,1);
        position:relative;
}

label {
        color:white;
        display:block;
        padding-bottom:9px;
}

input[type=text],
input[type=password],
input[type=mobileno],select {
        width:100%;
        padding:8px 5px;
        background:#adb5bd;
        border:1px solid #222;
        box-shadow:
        0 1px 0 rgba(255,255,255,0.1);
```

```
        border-radius:0.3em;
        margin-bottom:20px;
}



.p-container {
        padding:0 20px 20px 20px;
}



input[type=submit] {
        padding:5px 20px;
        border:1px solid rgba(0,0,0,0.4);
        text-shadow:0 -1px 0 rgba(0,0,0,0.4);
        box-shadow:
        inset 0 1px 0 rgba(255,255,255,0.3),
        inset 0 10px 10px rgba(255,255,255,0.1);
        border-radius:0.3em;
        background:#0184ff;
        color:white;
        float:right;
        font-weight:bold;
        cursor:pointer;
        font-size:13px;
}

input[type=submit]:hover {
        box-shadow:
        inset 0 1px 0 rgba(255,255,255,0.3),
        inset 0 -10px 10px rgba(255,255,255,0.1);
}

input[type=text]:hover,
input[type=password]:hover,
input[type=mobileno]:hover,
```

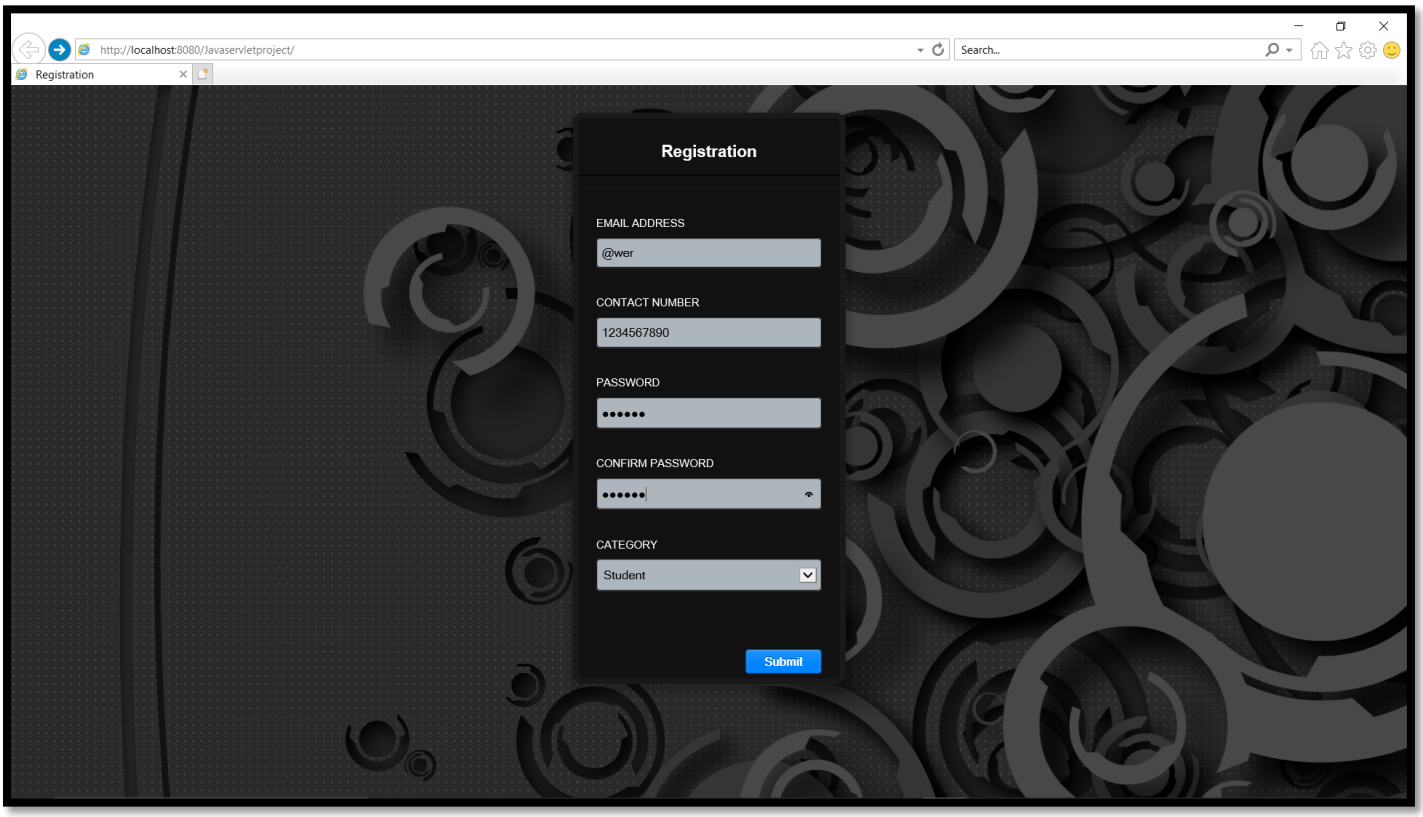
```
		label:hover ~ input[type=text],
		label:hover ~ input[type=password],
		label:hover ~ input[type=mobileno] {
			background:#27292c;
		}

	</style>
</head>
<body>
	<form name = "form1" autocomplete="off" method="post" action="Servletexample">
		<h1>Registration</h1>
		<div class="inset">
			<p>
				<label for="email">EMAIL ADDRESS</label>
				<input type="mobileno" name="email" id="email">
			</p>
			<p>
				<label for="mobileno">CONTACT NUMBER</label>
				<input type="mobileno" name="mobileno" id="mobileno">
			</p>
			<p>
				<label for="password">PASSWORD</label>
				<input type="password" name="password" class="password">
			</p>
			<p>
				<label for="password">CONFIRM PASSWORD</label>
				<input type="password" name="password" class="password">
			</p>
			<p>
				<label for="category">CATEGORY</label>
				<select>
					<option>Student</option>
					<option>Company</option>
				</select>
			</p>
		</div>
```

```
                    <p class="p-container">
                            <input type="submit" name="go" id="go" value="Submit" onclick="validate()"> <!--
onClick="window.location.href='FILE_NAME_DASHBOARD'"-->
                    </p>


            </form>
             <script>
      function validate(){
         var form= document.form1;
         var phoneno = /^\d{10}$/;
         if(!(form.mobileno.value.match(phoneno))){
            alert("Enter a valid phone no");
         }
         if (form.email.value.indexOf("@")==-1){
            alert("Pls enter a valid email address");
         }
         if(form.password.value==""){
            alert("Enter a password");
            form.url.focus()
         }



      }
   </script>
</body>
</html>
```

>Servlet Code

```
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */

import java.io.IOException;
import java.io.PrintWriter;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

/**
 *
 * @author prateek
 */
public class Servletexample extends HttpServlet {

    /**
     * Processes requests for both HTTP <code>GET</code> and <code>POST</code>
     * methods.
     *
     * @param request servlet request
     * @param response servlet response
     * @throws ServletException if a servlet-specific error occurs
     * @throws IOException if an I/O error occurs
     */
    protected void processRequest(HttpServletRequest request, HttpServletResponse response)
            throws ServletException, IOException {
        String email = request.getParameter("email");
        String mobileno = request.getParameter("mobileno");
        String password = request.getParameter("password");
```

```
//       String category = request.getParameter("category");



        PrintWriter writer = response.getWriter();
        String htmlResponse = "<html>"+"<body>";

        htmlResponse += "Your email id is: " + email + "<br/>";
        htmlResponse += "Your Mobile Number is: " + mobileno + "<br/>";
        htmlResponse += "Your Password is: " + password + "<br/>";
//       htmlResponse += "Your Category is: " + category + "<br/>";

        htmlResponse += "</body></html>";
        writer.println(htmlResponse);

    }

    // <editor-fold defaultstate="collapsed" desc="HttpServlet methods. Click on the + sign on the left to edit the code.">
    /**
     * Handles the HTTP <code>GET</code> method.
     *
     * @param request servlet request
     * @param response servlet response
     * @throws ServletException if a servlet-specific error occurs
     * @throws IOException if an I/O error occurs
     */
    @Override
    protected void doGet(HttpServletRequest request, HttpServletResponse response)
            throws ServletException, IOException {
        processRequest(request, response);
    }

    /**
     * Handles the HTTP <code>POST</code> method.
```

```
     *
     * @param request servlet request
     * @param response servlet response
     * @throws ServletException if a servlet-specific error occurs
     * @throws IOException if an I/O error occurs
     */
    @Override
    protected void doPost(HttpServletRequest request, HttpServletResponse response)
            throws ServletException, IOException {
        processRequest(request, response);
    }

    /**
     * Returns a short description of the servlet.
     *
     * @return a String containing servlet description
     */
    @Override
    public String getServletInfo() {
        return "Short description";
    }// </editor-fold>

}
```

OUTPUT SCREEN SHOTS