



Final Term Assignment

Course Name : Web Technologies

Course Teacher : Rashidul Hasan Nabil

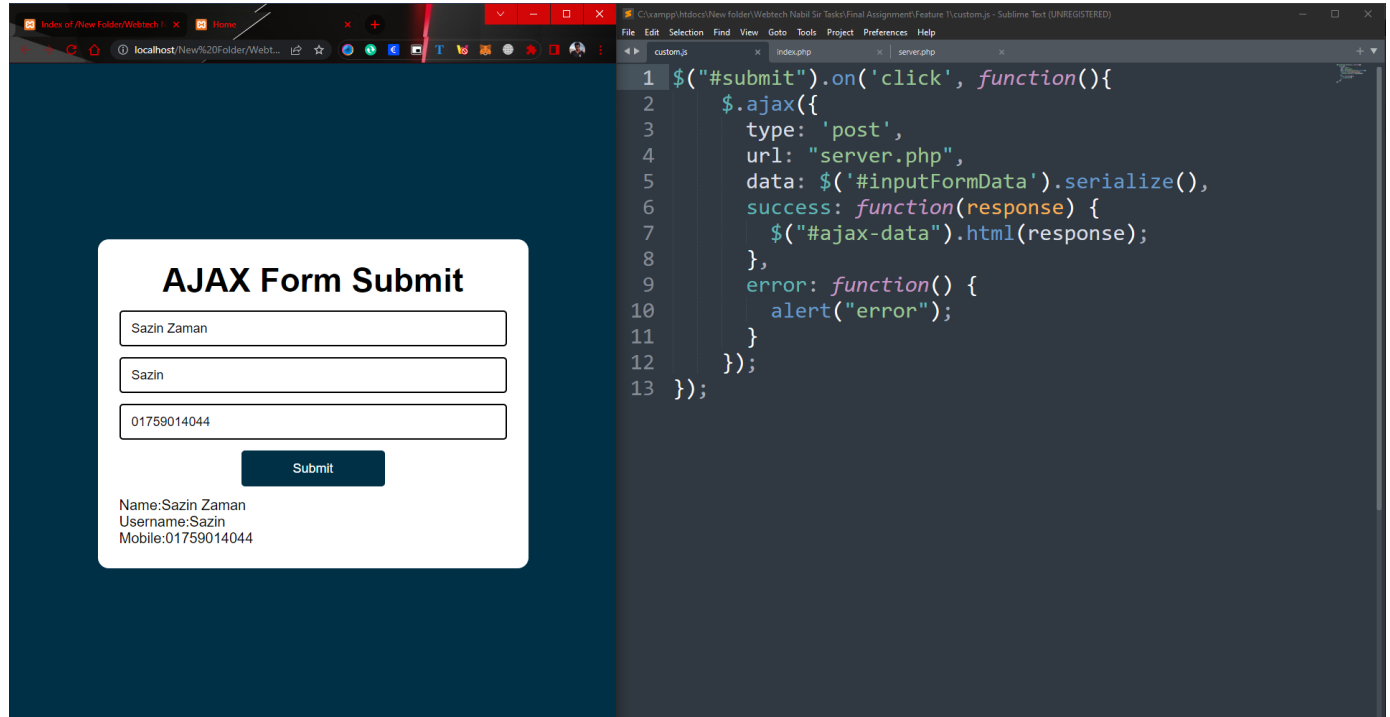
Course Code : CSC3215

Name : Sazin, A.S.M Rafiuzzaman

ID : 19-41546-3

Assignment Title: Implementing 4 Features using AJAX

Feature 1: Live form data



Feature 2: Live Chat option:

...

hi

hi

hi

hi

hi

hi

hi

hi

hi

hi

hi

hello

hello

hello

hello

hello

hello

hi

hi

Hi My name is Sazin

Hi My name is Sazin

send

```
4 <script>
5
6 function getText() {
7
8     var $a = document.getElementById('text').value;
9
10    xhr = new XMLHttpRequest();
11    xhr.open('POST', 'chatdb.php', true);
12    xhr.setRequestHeader('content-type', 'application/x-www-form-urlencoded');
13    xhr.send('chat='+$a);
14    xhr.onreadystatechange=function(){
15        if (xhr.responseText){
16            // document.getElementById('chatarea').innerHTML=xhr.responseText;
17        }
18    }
19
20 }
21
22 function setText(){
23
24    xhr = new XMLHttpRequest();
25    xhr.open('POST', 'chatFetch.php', true);
26    xhr.setRequestHeader('content-type', 'application/x-www-form-urlencoded');
27    xhr.send();
28    xhr.onreadystatechange = function(){
29        // alert(xhr.responseText);
30        document.getElementById('chatarea').innerHTML = xhr.responseText;
31    }
32
33 }
34 setInterval("setText()",2000);
35
36
37 setInterval("users()",3000);
38
39
40 function users(){
41    xhr1 = new XMLHttpRequest();
42    xhr1.open('POST', 'userFetch.php', true);
43    xhr1.setRequestHeader('content-type', 'application/x-www-form-urlencoded');
44    xhr1.send();
45    xhr1.onreadystatechange = function(){
46        // alert(xhr.responseText);
47        document.getElementById('loginperson').innerHTML = xhr1.responseText;
48    }
49
50 }
```

Feature 3: Live Voting System

Do you like PHP and AJAX so far?

Yes: ☐

No: ☐

```
1 <html>
2 <head>
3 <script>
4 function getVote(int) {
5     var xmlhttp=new XMLHttpRequest();
6     xmlhttp.onreadystatechange=function() {
7         if (this.readyState==4 && this.status==200) {
8             document.getElementById("poll").innerHTML=this.responseText;
9         }
10    }
11    xmlhttp.open("GET","poll_vote.php?vote="+int,true);
12    xmlhttp.send();
13 }
14 </script>
15 </head>
16 <body>
17
18 <div id="poll">
19 <center>
20 <h3>Do you like PHP and AJAX so far?</h3>
21 <form>
22 Yes: <input type="radio" name="vote" value="0" onclick="getVote(
23     this.value)><br>
24 No: <input type="radio" name="vote" value="1" onclick="getVote(
25     this.value)>
26 </form>
27 </center>
28 </div>
29 </body>
30 </html>
```

Result:

Yes:  71%

No:  29%

```
1 <?php
2 $vote = $_REQUEST['vote'];
3
4 //get content of textfile
5 $filename = "poll_result.txt";
6 $content = file($filename);
7
8 //put content in array
9 $array = explode("||", $content[0]);
10 $yes = $array[0];
11 $no = $array[1];
12
13 if ($vote == 0) {
14     $yes = $yes + 1;
15 }
16 if ($vote == 1) {
17     $no = $no + 1;
18 }
19
20 //insert votes to txt file
21 $insertvote = $yes."||".$no;
22 $fp = fopen($filename,"w");
23 fputs($fp,$insertvote);
24 fclose($fp);
25 ?>
26
27 <h2>Result:</h2>
28 <table>
29 <tr>
30 <td>Yes:</td>
31 <td>"
33 height="20">
34 <?php echo(100*round($yes/($no+$yes),2)); ?>%
35 </td>
36 </tr>
37 <tr>
38 <td>No:</td>
39 <td>"
41 height="20">
42 <?php echo(100*round($no/($no+$yes),2)); ?>%
43 </td>
44 </tr>
45 </table>
46
```

Feature 4: Live Search Using AJAX

JSON Live Data Search using Employee Data

Anj



Angel Lewis | Seattle, WA



Justin Dean | Muscatine, IA



Benjamin Gonzales | Atlanta, GA



Viola Francis | Zanesville, OH



Mark Armstrong | Hallandale Beach, FL



Jaime Campbell | Zanesville, OH

```
30 <div align="center">
31 <input type="text" name="search" id="search" placeholder="Search Employee
32 Details" class="form-control" />
33 </div>
34 <ul class="list-group" id="result"></ul>
35 <br />
36 </div>
37 </body>
38 </html>
39
40 <script>
41 $(document).ready(function(){
42 $.ajaxSetup({ cache: false });
43 $('#search').keyup(function(){
44 $('#result').html('');
45 $('#state').val('');
46 var searchField = $('#search').val();
47 var expression = new RegExp(searchField, "i");
48 $.getJSON('data.json', function(data) {
49     $.each(data, function(key, value){
50         if (value.name.search(expression) != -1 || value.location.search(expression)
51             != -1)
52             {
53                 $('#result').append('<li class="list-group-item link-class"> '+value.
55 name+' | <span class="text-muted">'+value.location+'</span></li>');
56             }
57         });
58     });
59 });
60 $('#result').on('click', 'li', function() {
61     var click_text = $(this).text().split('|');
62     $('#search').val($.trim(click_text[0]));
63     $('#result').html('');
64 });
65 </script>
66
```