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Experiment – Module 6: AJAX

AIM: Write a program to use AJAX for user validation using and to show the result on the same page below the submit button.

IMPLEMENTATION:

CODE:

Index.php

```
<html>
<head>
    <script>
        function showHint(str) {
            if (str.length == 0) {
                document.getElementById("txtHint").innerHTML = "Name
can't be empty";
                return;
            } else {
                var xhr = new XMLHttpRequest();
                xhr.onreadystatechange = function() {
                    if (this.readyState == 4 && this.status == 200) {
                        document.getElementById("txtHint").innerHTML =
this.responseText;
                    }
                };
                xhr.open("GET", "gethint.php?q=" + str + "&c=", true);
                xhr.send();
            }
        }

        function showCollege(str) {
            if (str.length == 0) {
                document.getElementById("txtHint").innerHTML = "College
Name can't be empty";
                return;
            } else {
```

```
var xhr = new XMLHttpRequest();
xhr.onreadystatechange = function() {
    if (this.readyState== 4 && this.status == 200) {
        document.getElementById("txtHint").innerHTML =
this.responseText;
    }
};
xhr.open("GET", "gethint.php?c=" + str + "&q=", true);
xhr.send();
}
}

function retypePwd(str) {
    var pwd = document.getElementById("pwd").value;
    if (str.length == 0) {
        document.getElementById("txtHint").innerHTML = "Password
can't be empty";
    } else if (str != pwd) {
        document.getElementById("txtHint").innerHTML = "Password
should be same as of above field";
    } else if (str == pwd) {
        document.getElementById("txtHint").innerHTML =
"Successfully Registered!! Thank you";
    }
}
</script>
</head>
<body>
    <p><b>Start typing a name in the input field below:</b></p>
    <form>
        Full Name: <input type="text"
onkeyup="showHint(this.value)"><br><br>
        College Name: <input type="text"
onkeyup="showCollege(this.value)"><br><br>
        Password: <input type="password" id="pwd"><br><br>
        Retype Password: <input type="password"
onkeyup="retypePwd(this.value)"><br><br>
        <input type="submit" value="Submit">
    </form>
    <p>Suggestions: <span id="txtHint"></span></p><br><br>
</body>
</html>
```

Gethint.php

```
<?php
// Array with names
$names = ["Mayuri Yerande", "Mayuri one", "Mayuri two"];

// Array with colleges
$colleges = ["Vivekanand Education Society's Institute of Technology
(VESIT)", "VJTI", "VIT", "TERNA", "TSEC"];

// Get the "q" parameter from URL
$q = isset($_GET['q']) ? $_GET['q'] : '';





// Lookup all hints from array if $q is different from ""
if ($q !== "") {
    $q = strtolower($q);
    $len = strlen($q);
    $hints = array();
    foreach ($names as $name) {
        if (striestr($q, substr($name, 0, $len))) {
            array_push($hints, $name);
        }
    }
    echo implode(", ", $hints);
}

// Get the "c" parameter from URL
$c = isset($_GET['c']) ? $_GET['c'] : '';

// Lookup all hints from array if $c is different from ""
if ($c !== "") {
    $c = strtolower($c);
    $len = strlen($c);
    $hints = array();
    foreach ($colleges as $college) {
        if (striestr($c, substr($college, 0, $len))) {
            array_push($hints, $college);
        }
    }
    echo implode(", ", $hints);
}

?>
```

OUTPUT:

    localhost/AJAX/index.php?

Start typing a name in the input field below:

Full Name:

College Name:

Password:

Retype Password:

Suggestions: Vivekanand Education Society's Institute of Technology (VESIT), VJTI, VIT

Start typing a name in the input field below:

Full Name:

College Name:

Password:

Retype Password:

Suggestions: Mayuri Yerande, Mayuri one, Mayuri two

Start typing a name in the input field below:

Full Name:

College Name:

Password:

Retype Password:

Suggestions: TERNA, TSEC

Validation:-

Start typing a name in the input field below:

Full Name:

College Name:

Password:

Retype Password:

Suggestions: Name can't be empty

← → ↻ ⓘ localhost/AJAX/index.php?

Start typing a name in the input field below:

Full Name:

College Name:

Password:

Retype Password:

Suggestions: College Name can't be empty

← → ↻ ⓘ localhost/AJAX/index.php?

Start typing a name in the input field below:

Full Name:

College Name:

Password:

Retype Password:

Suggestions: Password can't be empty

← → ↻ ⓘ localhost/AJAX/index.php?

Start typing a name in the input field below:

Full Name:

College Name:

Password:

Retype Password:

Suggestions: Successfully Registered!! Thank you

CONCLUSION: Hence we successfully implemented AJAX which gives us suggestions based on given input. We performed Validation using AJAX.