

Experiment No. 6

Web X.0 Lab

Aim: To create a registration page having fields like Name, College, Username and Password (take twice) and using AJAX, show the message "Successfully Registered" on the same page below the submit button, on Successfully registration.

Code:

index.php file

```
<!DOCTYPE html>
<html>

<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Registration Form Using Ajax PHP MySQL</title>
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
rel="stylesheet"
integrity="sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC"
crossorigin="anonymous">
</head>

<body>
    <div class="container">
        <div class="py-5 text-center">
            <h2>AJAX Registration Page</h2>
        </div>
        <form id="registrationform">
            <div class="row g-2">
                <div class="col-md">
                    <div class="form-floating mb-3">
                        <input type="text" class="form-control"
id="fullname" placeholder="Enter your full name" style="box-shadow: none;">
                        <label for="fullname">Full Name</label>
                    </div>
                </div>
                <div class="col-md">
```

```
        <div class="form-floating mb-3">
            <input type="text" class="form-control"
id="username" placeholder="Enter your username" style="box-shadow: none;">
            <label for="username">Username</label>
        </div>
    </div>
</div>
<div class="col-md">
    <div class="form-floating mb-3">
        <input type="text" class="form-control" id="college"
placeholder="Enter your college" style="box-shadow: none;">
        <label for="college">College</label>
    </div>
</div>
<div class="row g-2">
    <div class="col-md">
        <div class="form-floating mb-3">
            <input type="text" class="form-control"
id="password" placeholder="Enter your password" style="box-shadow: none;">
            <label for="password">Password</label>
        </div>
    </div>
    <div class="col-md">
        <div class="form-floating mb-3">
            <input type="text" class="form-control"
id="repassword" placeholder="Re-enter the password" style="box-shadow: none;">
            <label for="repassword">Re-enter Password</label>
        </div>
    </div>
</div>
<div class="col-md">
    <div class="form-group">
        <button type="submit" id="register" class="btn btn-info"
style="box-shadow: none;">Register</button>
    </div>
</div>
<div class="col-md" style="margin-top: 3rem">
    <div id="message"></div>
</div>
</form>
</div>
<script src="js/jquery-1.12.4-jquery.min.js"></script>
<script
```

```
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"
integrity="sha384-MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
crossorigin="anonymous"></script>
<script>
    $(function() {
        var availableTags = <?php include('autocomplete.php'); ?>;
        $("#college").autocomplete({
            source: availableTags,
            autoFocus: true
        });
    });
</script>
<script>
    $(document).on('click', '#register', function(e) {
        e.preventDefault();

        var fullname = $('#fullname').val();
        var username = $('#username').val();
        var college = $('#college').val();
        var password = $('#password').val();
        var retype = $('#repassword').val();

        // To check username is empty or not
        if (fullname == '') {
            alert('Please enter your fullname !!');
        }
        // To check password is empty or not
        else if (password == '') {
            alert('Please enter your password !!');
        }
        // To check password matches to re-entered password
        else if (retype != password) {
            alert('Passwords do not match !!');
        }
        // Process the response
        else {
            $.ajax({
                url: 'process.php',
                type: 'post',
                data: {
                    newfullname: fullname,
                    newusername: username,
                    newcollege: college,
```

```
                newpassword: password
            },
            success: function(response) {
                $('#message').html(response);
            }
        });
        $('#registrationform')[0].reset();
    }
});
</script>
</body>

</html>
```

dbconfig.php file

```
<?php

$db_host = "localhost";
$db_user = "root";
$db_password = "";
$db_name = "test";

try {
    $db = new PDO("mysql:host={$db_host}; dbname={$db_name}", $db_user,
$db_password);
    $db->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
} catch (PDOException $e) {
    $e->getMessage();
}
```

process.php file

```
<?php

require_once "dbconfig.php";

if (isset($_POST["newfullname"]) && isset($_POST["newusername"]) &&
isset($_POST["newcollege"]) && isset($_POST["newpassword"])) {
    $fullname = $_POST["newfullname"];
```

```
$username = $_POST["newusername"];
$college = $_POST["newcollege"];
$password = $_POST["newpassword"];

$stmt = $db->prepare("INSERT INTO tbl_user(fullname, username, college,
password) VALUES (:ufname, :uname, :ucollege, :upassword)");
$stmt->bindParam(":ufname", $fullname);
$stmt->bindParam(":uname", $username);
$stmt->bindParam(":ucollege", $college);
$stmt->bindParam(":upassword", $password);

$sql = $db->prepare("SELECT username FROM tbl_user WHERE username='$username'");
$sql->execute();

if (isset($sql) && !empty($sql)) {
    echo '<div class="alert alert-danger">Username already exists !!</div>';
} else if ($stmt->execute()) {
    echo '<div class="alert alert-success">Registered Successfully</div>';
} else {
    echo '<div class="alert alert-danger">Failed to Register</div>';
}
}
```

autocomplete.php file

```
<?php


require_once "dbconfig.php";

$sql = "SELECT college FROM tbl_user";
$result = $conn->query($sql);


$dname_list = array();
while ($row = $result->fetch_all(MYSQLI_ASSOC)) {
    $dname_list[] = $row['college'];
}

echo json_encode($dname_list);
```



Output:




 Showing rows 0 - 0 (1 total, Query took 0.0006 seconds.)






```
SELECT * FROM `tbl_user`
```


☐ Show all | Number of rows: 25  Filter rows:

+ Options

	id	fullname	username	college	password
<input type="checkbox"/>  Edit  Copy  Delete	6	Ninad Rao	nindiya	VESIT	pass

 ☐ Check all With selected:  Edit  Copy  Delete  Export

☐ Show all | Number of rows: 25  Filter rows:

AJAX Registration Page

Full Name Ninad Rao	Username nindiya
College VESIT	
Password pass	Re-enter Password pass
<input type="button" value="Register"/>	

Username already exists !!

localhost says
Please enter your fullname !!

OK

Full Name

Username
ninadrao

College
VESIT

Password
pass

Re-enter Password
pass

Register

localhost says
Passwords do not match !!

OK

Full Name
Ninad Rao

Username
ninadrao

College
VESIT

Password
pass1

Re-enter Password
pass2

Register