GANPAT UNIVERSITY
U.V. PATEL COLLEGE OF ENGINEERING

B.Tech 6th Semester CE/IT
2CEIT6PE1: Web Technology

Practical-9

Aim: Create Country State City Dropdown using Ajax in PHP MySQL.
Exercise-1:
Create Country State City Dropdown using Ajax in PHP MySQL.

Code:

Index.php

```php
<!DOCTYPE html>
<html>
<head>
   <title>Country State City Dropdown</title>
   <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
</head>
<body>

   <h1>Select Country, State, and City</h1>

   <form id="myForm" method="post">
     <label for="country">Country:</label>
     <select id="country" name="country">
        <option value="">Select Country</option>
        <?php
        $servername = "localhost";
        $username = "root";
        $password = "";
        $dbname = "Pr9";

        $conn = new mysqli($servername, $username, $password, $dbname);
        if ($conn->connect_error) {
           die("Connection failed: " . $conn->connect_error);
        }

        $sql = "SELECT id, name FROM countries";
        $result = $conn->query($sql);
        while($row = $result->fetch_assoc()) {
           echo "<option value='" . $row['id'] . "'>" . $row['name'] . "</option>";
        }
```

```
        $conn->close();
        ?>
    </select>

    <label for="state">State:</label>
    <select id="state" name="state">
        <option value="">Select State</option>
    </select>

    <label for="city">City:</label>
    <select id="city" name="city">
        <option value="">Select City</option>
    </select>

    <button type="submit">Submit</button>
</form>

<br>

<h2>Selected Data</h2>
<table border="1" id="selectedData">
    <tr>
        <th>Country</th>
        <th>State</th>
        <th>City</th>
    </tr>
</table>

<script>
$(document).ready(function() {
    $('#country').change(function() {
        var country_id = $(this).val();
        $.ajax({
            url: 'get_states.php',
            type: 'GET',
            data: {country_id: country_id},
            dataType: 'json',
            success: function(response) {
                $('#state').empty().append('<option value="">Select State</option>');
                $.each(response, function(index, state) {
                    $('#state').append('<option value="' + state.id + '">' + state.name +
'</option>');
                });
            }
        });
    });

    $('#state').change(function() {
        var state_id = $(this).val();
        $.ajax({
```

```
            url: 'get_cities.php',
            type: 'GET',
            data: {state_id: state_id},
            dataType: 'json',
            success: function(response) {
                $('#city').empty().append('<option value="">Select City</option>');
                $.each(response, function(index, city) {
                    $('#city').append('<option value="' + city.id + '">' + city.name + '</option>');
                });
            }
        });
    });

    $('#myForm').submit(function(e) {
        e.preventDefault();
        var country = $('#country option:selected').text();
        var state = $('#state option:selected').text();
        var city = $('#city option:selected').text();

        $('#selectedData').append('<tr><td>' + country + '</td><td>' + state + '</td><td>' +
city + '</td></tr>');
    });

    // Trigger country change to fetch states if a country is pre-selected
    $('#country').trigger('change');
    });
</script>
</body>
</html>
```

Get_cities.php:

```php
<?php
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "Pr9";

$conn = new mysqli($servername, $username, $password, $dbname);

if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}

$state_id = intval($_GET['state_id']);

$sql = "SELECT id, name FROM cities WHERE state_id = $state_id";
$result = $conn->query($sql);

$cities = array();
```

```php
while($row = $result->fetch_assoc()) {
    $cities[] = $row;
}

$conn->close();
echo json_encode($cities);
?>
```

Get_states.php:

```php
<?php
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "pr9";

$conn = new mysqli($servername, $username, $password, $dbname);

if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}

$country_id = intval($_GET['country_id']);

$sql = "SELECT id, name FROM states WHERE country_id = $country_id";
$result = $conn->query($sql);

$states = array();
while($row = $result->fetch_assoc()) {
    $states[] = $row;
}

$conn->close();
echo json_encode($states);
?>
```

Submit_data.php:

```php
<?php
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "Pr9";

// Create connection
$conn = new mysqli($servername, $username, $password, $dbname);

// Check connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
```
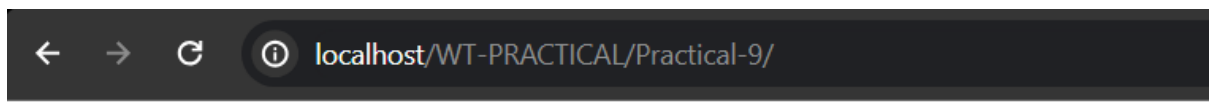
```
}

// Retrieve selected data from the form submission
$country = $_POST['country'];
$state = $_POST['state'];
$city = $_POST['city'];

// Insert the selected data into a table
$sql = "INSERT INTO selected_data (country, state, city) VALUES ('$country', '$state', '$city')";

if ($conn->query($sql) === TRUE) {
    echo "Data inserted successfully";
} else {
    echo "Error: " . $sql . "<br>" . $conn->error;
}

$conn->close();
?>
```

Output: