

## Practical – 9

**Aim: Create Country State City Dropdown using Ajax in PHP MySQL.**

**index.php**

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Country-State-City Dropdown</title>
  <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
  <link rel="stylesheet" href="styles.css">
</head>
<body>
  <div class="container">
    <h2>Select Your Location</h2>
    <form>
      <label for="country">Country:</label>
      <select id="country" name="country">
        <option value="">Select Country</option>
      </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>
    </form>

    <div id="selectedLocation"></div> <!-- Empty div to display selected location -->
  </div>

  <script>
    $(document).ready(function(){
      // Load countries
      $.ajax({
```

```
url: 'get_data.php',
type: 'GET',
data: {type: 'country'},
success: function(response){
    $('#country').append(response);
}
});

// Load states when a country is selected
$('#country').change(function(){
    var countryID = $(this).val();
    $('#state').html('<option value="">Select State</option>');
    $('#city').html('<option value="">Select City</option>');

    if(countryID){
        $.ajax({
            url: 'get_data.php',
            type: 'GET',
            data: {type: 'state', country_id: countryID},
            success: function(response){
                $('#state').append(response);
            }
        });
    }
});

// Load cities when a state is selected
$('#state').change(function(){
    var stateID = $(this).val();
    $('#city').html('<option value="">Select City</option>');

    if(stateID){
        $.ajax({
            url: 'get_data.php',
            type: 'GET',
            data: {type: 'city', state_id: stateID},
            success: function(response){
                $('#city').append(response);
            }
        });
    }
});
```

```

        // Display selected location
        $('select').change(function(){
            var country = $('#country option:selected').text();
            var state = $('#state option:selected').text();
            var city = $('#city option:selected').text();
            $('#selectedLocation').html('<p>Location: ' + country + ', ' + state + ', ' + city +
'</p>');
        });
    });
</script>
</body>
</html>

```

### Get\_data.php

```

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

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

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

$type = $_GET['type'];

if ($type == 'country') {
    $sql = "SELECT id, name FROM countries";
    $result = $conn->query($sql);
    echo '<option value="">Select Country</option>';
    while($row = $result->fetch_assoc()) {
        echo '<option value="'. $row['id']. ">'. $row['name']. '</option>';
    }
} elseif ($type == 'state') {
    $country_id = $_GET['country_id'];
    $sql = "SELECT id, name FROM states WHERE country_id = $country_id";
    $result = $conn->query($sql);
    echo '<option value="">Select State</option>';
}

```

```
while($row = $result->fetch_assoc()) {  
    echo '<option value="'. $row['id']. "'>' . $row['name']. '</option>';  
}  
} elseif ($type == 'city') {  
    $state_id = $_GET['state_id'];  
    $sql = "SELECT id, name FROM cities WHERE state_id = $state_id";  
    $result = $conn->query($sql);  
    echo '<option value="">Select City</option>';  
    while($row = $result->fetch_assoc()) {  
        echo '<option value="'. $row['id']. "'>' . $row['name']. '</option>';  
    }  
}  
$conn->close();  
?>
```

### Select Your Location

Country:

Canada ▼

State:

Ontario ▼

City:

Toronto ▼

Location: Canada, Ontario, Toronto