



Steps to Create Dynamic Dependent Select Box using jQuery and Ajax

1. Create a Database
2. Create Two Tables of County and City and Insert Data in Both Table
3. Create a Database Connection File
4. Create Index File Which Using JQuery and Ajax
5. Create PHP Action File

1. Create a Database

Create a database with name **parent_child_select**. For this purpose run the following query in MySQL.

```
CREATE DATABASE parent_child_select;
```

2. Create Two Tables of County and City and Insert Data in Both Table

Create two tables with name **county** and **city** and insert sample data in database by using the following queries. For your ease I have also attached the SQL file in download file just import this file in SQL and it will create tables with sample data.

```
CREATE TABLE IF NOT EXISTS `country` (  
  
  `country_id` int(11) NOT NULL AUTO_INCREMENT,  
  
  `country_name` varchar(50) NOT NULL,  
  
  PRIMARY KEY (`country_id`)  
  
);
```

```
CREATE TABLE IF NOT EXISTS `city` (  
  
  `city_id` int(11) NOT NULL AUTO_INCREMENT,  
  
  `city_name` varchar(50) NOT NULL,  
  
  `country_id` varchar(50) NOT NULL,  
  
  PRIMARY KEY (`city_id`)
```

```
);

INSERT INTO `city` (`city_id`, `city_name`, `country_id`) VALUES
(1, 'Karachi', '1'),
(2, 'Lahore', '1'),
(3, 'Jeddah', '2'),
(4, 'Riyadh', '2'),
(5, 'London', '3'),
(6, 'Liverpool', '3');

INSERT INTO `country` (`country_id`, `country_name`) VALUES
(1, 'Pakistan'),
(2, 'Saudi Arabia'),
(3, 'United Kingdom');
```

3. Create a Database Connection File

Create a file with name **db.php** and copy paste the below code in that file. Make sure that you changed your database, **username**, **password** and **host**.

```
<?php

// Enter your Host, username, password, database below.

// I left password empty because i do not set password on localhost.

$con = mysqli_connect("localhost","root","","parent_child_select");
```

```
// Check connection

if (mysqli_connect_errno())

{

    echo "Failed to connect to MySQL: " . mysqli_connect_error();

}

?>
```

4. Create Index File Which Using JQuery and Ajax

Create a file with name **index.php** and copy paste the below code in this file. Note that I have added the jQuery and Ajax script in the footer of this file.

```
<html>

<head>

<title>Dynamic Dependent Select Box using jQuery and Ajax</title>

</head>

<body>

<div>

<label>Country :</label><select name="country" class="country">

<option value="0">Select Country</option>

<?php

include('db.php');

$sql = mysqli_query($con,"SELECT * FROM country");

while($row=mysqli_fetch_array($sql))
```

```
{

echo '<option
value="" . $row['country_id']. ' "> . $row['country_name']. '</option>';

} ?>

</select><br/><br/>

<label>City :</label><select name="city" class="city">

<option>Select City</option>

</select>

<script
src="http://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"
>
</script>

<script type="text/javascript">

$(document).ready(function()

{

$(".country").change(function()

{

var country_id=$(this).val();

var post_id = 'id='+ country_id;

$.ajax
```

```
({  
type: "POST",  
url: "ajax.php",  
data: post_id,  
cache: false,  
success: function(cities)  
{  
$(".city").html(cities);  
}  
});  
  
});  
  
});  
  
</script>  
  
</body>  
  
</html>
```

5. Create PHP Action File

Create a file with name **ajax.php** and paste the below script there.

```
<?php  
include('db.php');
```

```
if($_POST['id']){
$id=$_POST['id'];
if($id==0){
    echo "<option>Select City</option>";
}else{
    $sql = mysqli_query($con,"SELECT * FROM `city` WHERE
country_id='$id'");
    while($row = mysqli_fetch_array($sql)){
        echo '<option
value="'. $row['city_id']. '">' . $row['city_name'] . '</option>';
    }
}
}
?>
```