Assignment 3

AJAX, PHP, MySQL

You are to create a system for populating drop-down boxes. The first drop-down box should populate from the database a list with all the countries in the database. After selecting a country, the system should then populate the next drop-down box with all of the states listed in the country selected. Finally, the third drop-down box should populate with all of the cities in the database that are in the state selected. You need to use AJAX to perform the updates to the drop-down lists.

1. In MySQL create a database called countrylist. Import the included location.sql file into the countrylist database. There is only one table in the sql file called location. In this table there are 4 field you should be concerned about:

* location\_id: is a unique id for every item in the list.
* name: is the name of the country, state, or city.
* location\_type: This is a value that represents the type of location 0:country,1:state,2:city.
* parent\_id: This field represents who the parent of the location is. Example: Texas has a parent\_id of 224. If we search the location\_id for 224 we will find the parent of Texas is United States.

2. Create a index.php file that queries the database to obtain and build a drop-down list of all the countries. When the user selects a country, the page should make an AJAX call to update.php to grab the states from the database and return them to index.php to populate the states drop-down box. Finally, when the user selects a state the page should make an AJAX call to update.php to gram the cities from the database and return them to index.php to populate the cities drop-down box. You do not have to do anything else after populating the cities drop-down box. Remember if the user selects a new country you should call the update.php again using AJAX to update the new states drop-down box.

When connecting to the database please use the default login info and the same names as I have stated here in the document.

* Server: localhost
* Username: root
* Password: ‘’

3. update.php should connect to the database and select the correct database entries for the given country, state, or city and return the entries to index.php.

Submit to eLearning your index.php and update.php and any other external files you used (CSS or Script). You do not have to submit the location.sql file.

Also submit a screenshot of your index.php with the fields selected.

