

Administrative area to manage a database structure that stores business listings and allows us to add/edit/delete/import listings. The area must be password protected, and we must be able to easily import the database structure via PhpMyAdmin and upload the files into a directory on another web hosting account.

**Deliverables:** All code, functions, and files needed for the script. Complete database structure that can easily be imported using phpMyAdmin. I will be doing a test install on a domain to ensure all works fine before the project is complete, and we want to see a working demo on your test server as well.

**Structure:** We're open to opinions on how the database structure should work, but here is how I envision it. Please review the attached sample CSV files for Canada and US business listings. These are the type of listings we will want to import.

**State/Province Table:** This table will contain all the states and Provinces in Canada and the US. It will have three columns, and id, abbreviation, and full name.

EX: id = 1, abbr. = NY, Full Name = New York

**Business Listings:** This table will store the actual business listing information. The columns should be: id, business name, phone, fax, address, city, state, zip, url, sponsored.

The columns mean the following:

*id:* unique id that is auto incremented for each listing

*Business name:* The name of the actual company, either imported from a .csv file (see below) or added by us in the add new listing area.

*Phone:* Phone number of the business

*Fax:* Fax number of the business will often be left empty when imported via a CSV file but needs to be there so we can update it if need be.

*Address:* Street address of the business

*City:* City of the business

*State:* The state or province the business is in, this column should show the unique ID field from the state/province table not the actual name or abbreviation of the state or province. This will make it easier for us to search the listings.

*Zip:* Zip or postal code of the business

*URL:* The businesses website url

*Sponsored:* This column will either be yes or no, it will relate to if that business is a sponsored listing in the particular state/province or city they are located.

**Sponsored Listings Table:** This will be a simple table that's structure looks like this:

*sponsored\_ad (tbl)*

*id sponsored\_id ad\_code*

The ID is the unique ID of this sponsored AD, the sponsored ID is the id of the business that this entry is for, and the ad\_code is the HTML code we enter in the adding sponsored listing area we mention below.

**Importing listings:** We must be able to easily upload and import .csv files of new listings from files like the two attached to this posting. One is for Canada, and the other is for US listings.

**Edit/Add/Delete:** We must be able to easily search listings by state/city to edit them (add new information or edit what's already there) or delete them entirely. Also there must be an easy way to add new listings.

**Adding sponsored listings:** Here we will be able to navigate through states and cities. When we navigate to a state/province page there will be a drop down window that displays all the businesses in that state. We can choose to make one sponsored for that state, and choose to also make it sponsored for all cities that are listed in that state.

When we navigate to the city listings when we choose a city a drop down of all the listings in that area will be available we can select one business to be sponsored for that listing.

**Adding and editing Sponsored listings ads:** In this section that allows us to create the sponsored listings HTML code that will be displayed at the top of the page for either the state or city that listing is sponsored for. We should be able to click a link that takes us to the "create sponsored ad" section. There we can choose a state which will bring up all the businesses that have sponsored ads for that state and all the cities in it. When we click one of the listings it will take us to a new page with a text area where we can create an ad. If the listing already has an ad we should also be able to modify it there as well, and save any changes.

**Accessing the Database:** We need just a simple bit of code that we can insert either a city name, or state/province code and it will pull out all the listings for that particular state/province or city. The data should be pulled out in alphabetical order, with any sponsored listings appearing on top first. The listings should show.

**Password Protected:** The entire administrative area for the database must be pass word protected, and it must work in it's own directory on the same URL as a wordpress domain.

Any questions please ask.