**PHP and Apache Server Configuration**

PHP is the programming language that runs in the backend and talks to the *PostgreSQL* database. It is rendered by Apache server on my localhost in this project. Fortunately, the MacBook has the

Apache server pre-install, so it only takes a few other steps to configure. One can use this command to configure the PHP with the *Apache Server*:

~sudo nano /etc/apache2/httpd.conf

After the window is open, remove the “#” tag before the “LoadModule PHP7\_module” at line 186.In the <IfModule dir\_module> section, in the “DirectoryIndex” line 288, add an index. PHP, before the index. Html, so the apache server will choose PHP file before it chooses the HTML. Then use ctrl+O+return to save the change, Ctrl+X to close the editor.

Then, one should restart the Apache server using this command:

~sudo apachectl restart

Put the project folder in this directory (a typical path in the Mac os):

/Library/WebServer/Documents

Then the project can run on your local computer by typing “localhost” and *Return* in the browser.One must change the database name accordingly in the “connect.php” and “testcon.php” file to connect to the local database. If the connection is successful, the content of the table in the database will show in the HTML page when you go to “localhost/testcon.php”.