Pre-requisites

In order to run this program it is already assumed that you have a working webserver capable of running PHP5 or newer. You must also have the MySQL database installed on the server.

Configuration

- Open the file networkApp/application/config/database.php in your preferred text editor and enter the correct 'hostname', 'username', and 'password' for your database/machine and save the file.
- Similar to the above step, open networkApp/init_db/config.php and fill in the correct values of 'USER', 'PWD', and 'HOST' for your database/machine and save the file

Creating the Database

1. Open a terminal window and navigate to the directory networkApp/init_db/
2. run the needed database by typing the following at the command prompt
    - php CreateDB.php
        - you should see a confirmation if the database was successfully created

Running the Web App

1. Place the networkApp folder and its contents into the directory on your machine dedicated to the webserver. These are the typical default locations:
    1. Windows: xampp\htdocs\
    2. Mac: /Applications/XAMPP/xamppfiles/htdocs
    3. Linux: /opt/lampp/htdocs

Development

1. The only folders you ever really need to work with once config is done are:
    1. Models : networkApp/application/models
        1. these should be the only files directly interacting with the DB
    2. Views : networkApp/application/views

1. These are PHP files that contain HTML to draw the view to the browser

3. Controllers : networkApp/application/controllers

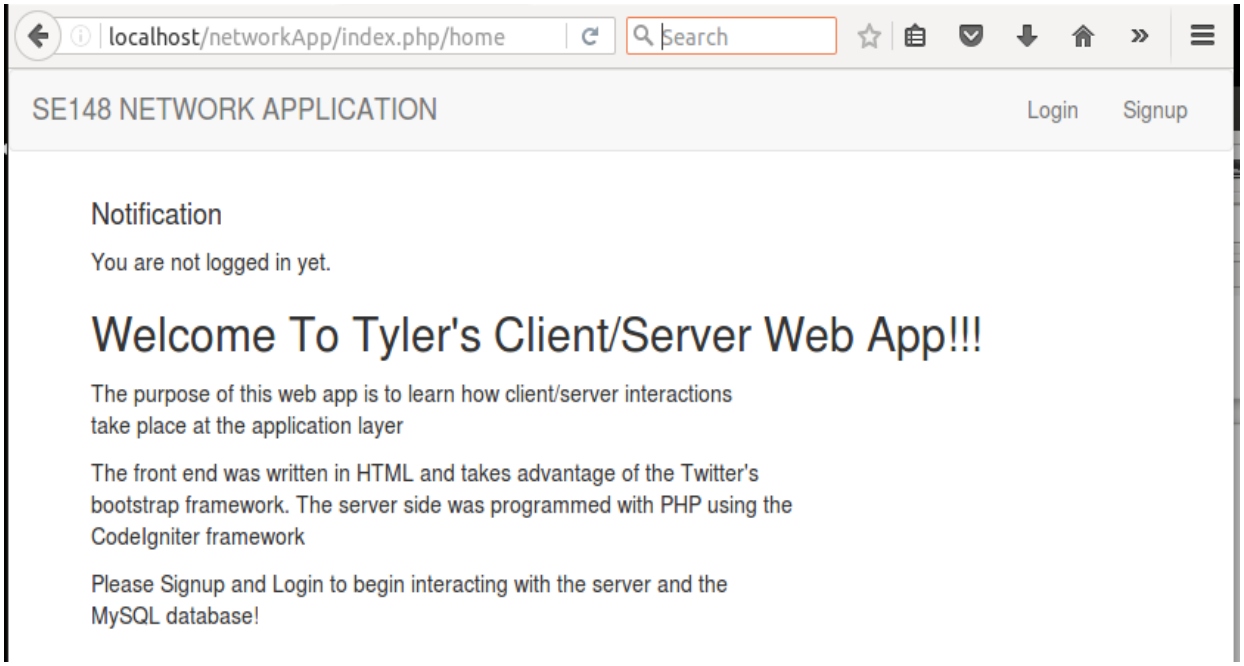
   Controllers for the views. Should be 1 to 1 relation. All PHP files

2. All other folders and files are generally created by the Bootstrap framework and the CodeIgniter framework. We can also add custom CSS and Javascript files to the respective folders.

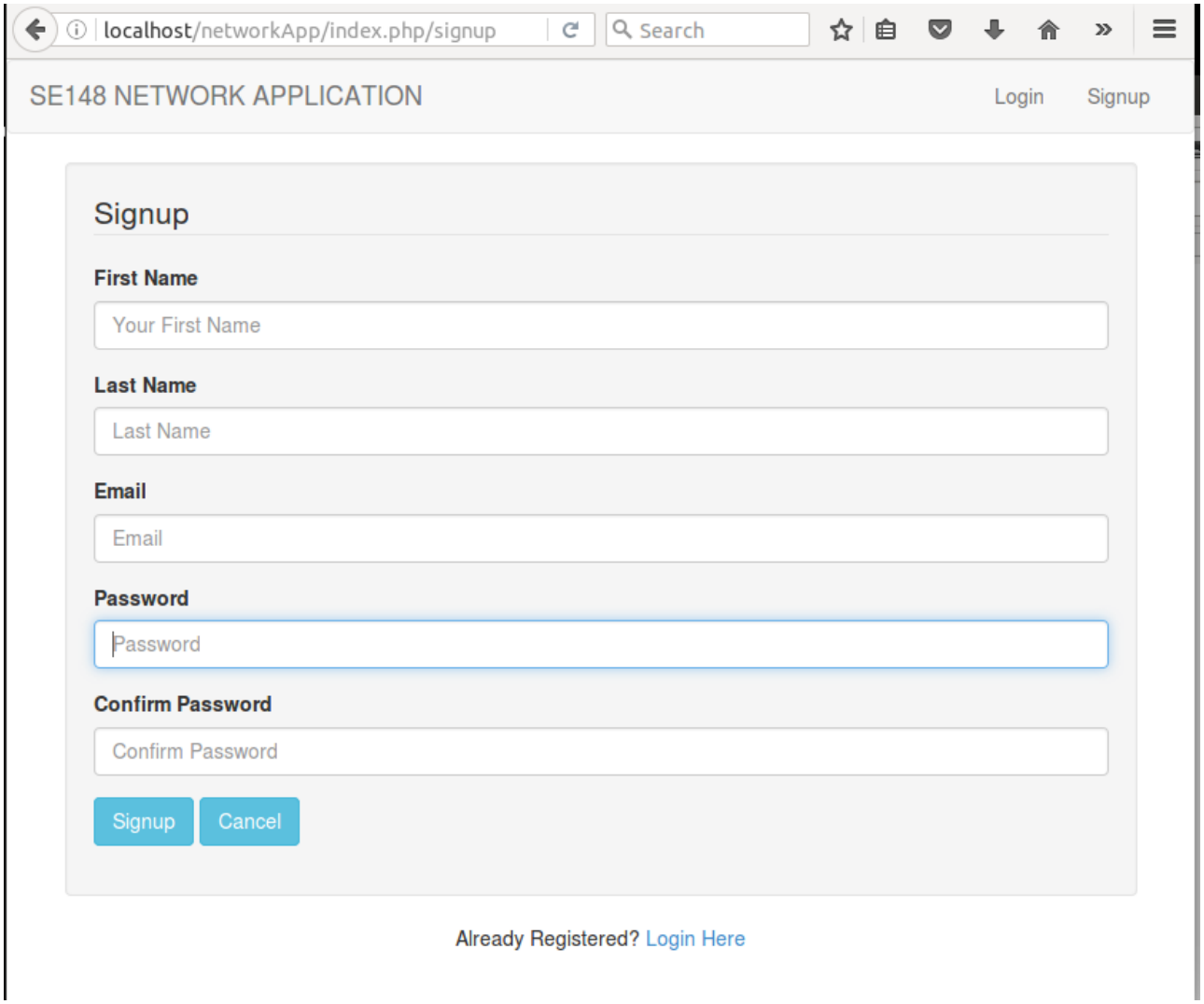
   CSS: networkApp/assets/css

   Javascript: networkApp/assets/js

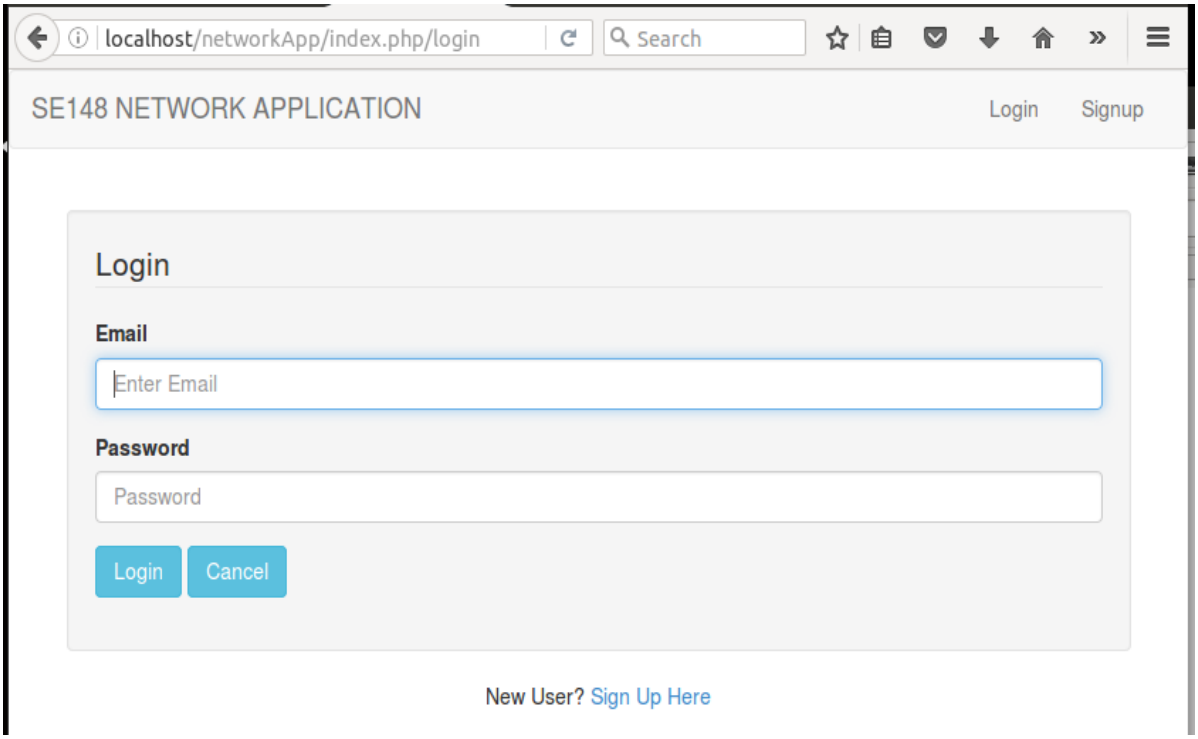
2. Open your favorite web browser and type in the following url to access the SE148 NETWORK APPLICATION: http://localhost/networkApp/index.php/home



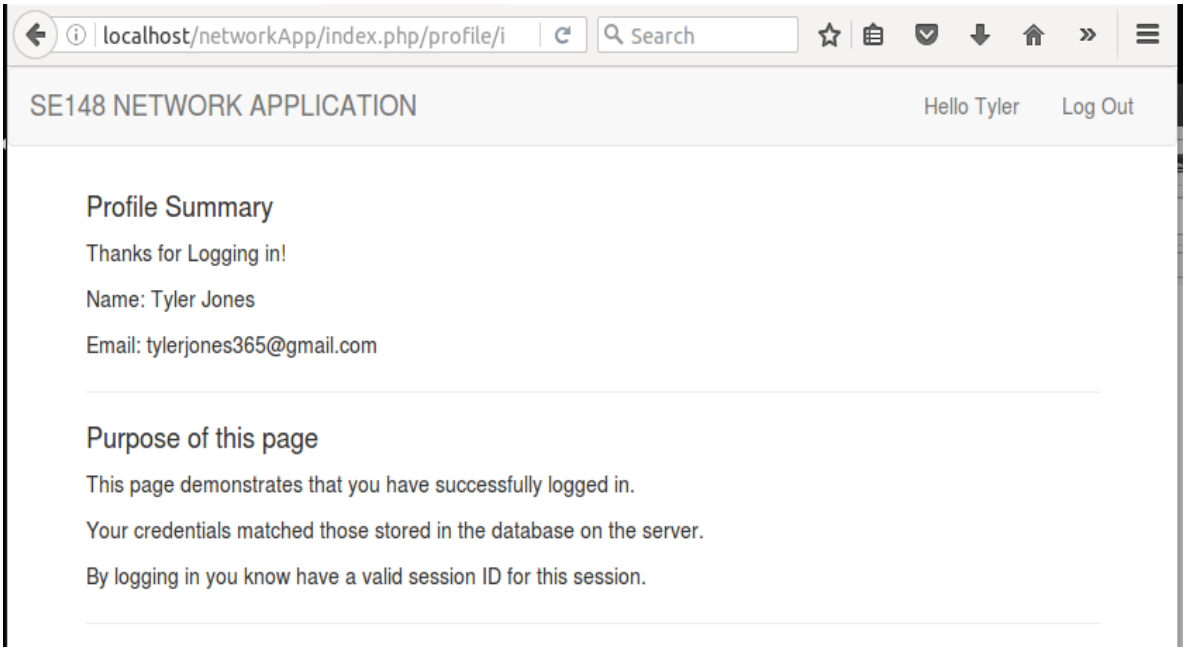
3. Create an account for the SE148 NETWORK APPLICATION by clicking 'Signup' in the top right corner. You will be presented wit the form below. Fill out the form and and click 'Signup' in blue at the bottom



4. Once you have successfully registered with the SE148 NETWORK APPLICATION, click the 'Login' link to login to your new account



5. Once you have logged in, you will be presented with the following screen as proof of a successful login. At this point you are recognized as a valid user with a session id for the SE148 NETWORK APPLICATION.



6. The last step is to click the 'Logout' link in the upper right corner to end your session with the SE148 NETWORK APPLICATION