CS5356 - Building Startup Systems - Assignment #0
Instructor: Prof. Serge Belongie
http://www.cs.cornell.edu/courses/cs5356/2014fa/
Due date: Mon. Sep. 15th, 2014

The goal of this assignment is to get you ready to use the tools needed to undertake the project associated with this course. You may deviate from the specified set of tools (e.g., using Python and Django instead of PHP) at your discretion.

1) Join the Piazza discussion board: https://piazza.com/cornell/fall2014/cs5356

2) Find a teammate.

3) Set up a GitHub repository
    a) Create a GitHub account, if you don't already have one. https://github.com
    b) E-mail us (haa52, jlf248) your *team members'* GitHub usernames and we'll give your team a private repository. Please use the subject: [CS5356 - Repo Request]. *Do not send an email with a single username.*

4) Set up your LAMP stack
    a) Create an Amazon AWS account at:
       https://portal.aws.amazon.com/gp/aws/developer/registration/index.html
    b) Create & Launch your first instance
       http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/launching-instance.html
       Note: The Amazon Linux AMI is sufficient. Make sure you have sufficient data storage. Don't forget to open ports 80, 443 for HTTP & HTTPS.
    c) Install Apache, MySQL, and PHP
       http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/install-LAMP.html
    d) Optional: Install phpMyAdmin
       http://www.phpmyadmin.net/home_page/index.php
    e) Verify that your LAMP stack is operational by creating a dummy PHP page and checking locally for database operation.

5) Set up your Android environment
    a) Install Android Studio and the SDK together from:
       https://developer.android.com/sdk/installing/studio.html
                                    OR
    b) Install the Android SDK per your operating system from:
       http://developer.android.com/sdk/index.html and install your favorite IDE for Android development, e.g., Eclipse https://www.eclipse.org/downloads
                                    THEN
    c) Create your first Hello World app.
       https://developer.android.com/training/basics/firstapp/index.html

d) Create your Android project for *Food Journaling* and connect it with your Git repository. If you are using Eclipse, use EGit to manage your project. http://www.eclipse.org/egit