Ev4 Deployment Guide (Group 10)

Platform Prereq:

1. Any platform Linux, Windows, or Mac (since we're deploying to Heroku not a vm)
2. Required packages: Installed with "pip install -r requirements.txt" (but this is automatically done upon pushing to Heroku.

For deployment the follow the following:

1. Install the heroku command line: https://devcenter.heroku.com/categories/command-line
2. Install GIT
3. Create a new app in heroku, and under "add ons", add a postgresql server
4. Remember the credentials for the posgresql server
5. Git clone https://github.com/YuansongFeng/HypoMeals
6. Next, create a file in the root directory of HypoMeals and title it config.py.
7. Add the credentials into config.py in an object called secrets like so:
    a. secrets = {'default_name':"name from credentials recorded earlier, 'default_user':"user from credentials recorded earlier", 'default_password':"password recorded earlier","default_host":"host url recorded from earlier","default_port":"5432"}
8. Then, in the directory of HypoMeals, do "python manage.py makemigrations"
9. Then, do "python manage.py migrate". This will set up the postgresql db
10. Add all files to git with 'git add .'
11. Commit with 'git commit -m "your message"'
12. Finally, git push heroku master. If it prompts you for url, find the url for ur app in heroku and set your remote heroku url accordingly.
13. Your app is deployed.

Installation from back-up data:

To install the system with "stock" data, there must be in a pg_dump format of a version of the database with just the stock data in it. Then, clone the app from github.com/yuansong/hypomeals. Create the app on heroku, and add a psql server to it. Do 'python manage.py makemigrations'. Then 'python manage.py migrate'. This will create the proper schema. Then, using a database UI and entering in the psql server instance on heroku, do a pg_restore of the stock data. Similarly for backup data, instead of restoring the stock pg dump, restore the backup version.