Installing Python, pip, and venv

If you do not have Python 2.7 installed, download and install it.

- If you're on Windows: make sure that you have `C:\Python27\ ;C:\Python27\Lib\site-packages\ ;C:\Python27\Scripts` in your system path. To check, search for "Edit the system environment variables" in the Start menu. In the window that comes up click Environment Variables, then select "Path" in the lower list and select "Edit". If the above paths aren't present, add them in.

To install pip and venv:
Windows instructions
OS X & Linux/ECS instructions (stop after the second code block)

Setting up the virtual environment

(Code blocks indicate to use the command line/terminal)

Navigate to the directory where FlaskServer.py exists.

Create the virtual environment (You should only need to do this once):

```
$ virtualenv venv
```

This will create a folder called 'venv' in your current directory

To activate the environment:

For Windows:

```
$ venv\Scripts\activate
```

For OSX:

```
$ . venv/bin/activate
```

For Linux/ECS:

```
$ source venv/bin/activate.csh
```

Now we need to install the following modules:

```
$ pip install Flask
$ pip install flask-socketio
$ pip install pyopenssl
```

Running the server

Once everything is installed, run the server:

```
$ python FlaskServer.py
```

You can then view the web page locally with: https://localhost:5000

Remember that you need to activate venv whenever running the server in the future.