**# First clone the repository:**

$ git clone <https://github.com/davidygp/IRS-CS-2019-04-27-IS1PT-GRP-ISSChatBot>

**# Start the virtual environment**

$ cd ./IRS-CS-2019-04-27-IS1PT-GRP-ISSChatBot/SystemCode

$ source activate ./venv/ISSChatBot-venv

<================== Heroko 1st time setup ==================>

**# Ensure that heroku is installed onto your computer**

$ sudo snap install --classic heroku

**# Ensure that you have the remote details setup**

$ heroku login

(Use the Credentials, ID: [iss-user@outlook.com](mailto:iss-user@outlook.com) PW: isssuser-heroku2)

isssuser-gmail2

**# Ensure that you have the git remote setup for heroku**

$ git remote add heroku <https://git.heroku.com/stanleyisschatbot2-api-heroku.git>)

<https://stanleyisschatbot2-api-heroku.herokuapp.com/>

<================== Heroko 1st time setup ==================>

**# Make whichever changes you need to into the util.py and app.py files**

$ <whatever\_changes\_you\_have>

**# Do the usual git add and git commit**

$ git add <whichever\_files\_you\_changed>

$ git commit -m “<whichever\_text\_message>”

**#Note: Personally it might be easily to test with ngrok first**

**# Push the changes to the master branch heroku github**

(We can use this for testing/ whatnot. I don’t think it’s fully asynchronus though.)

$ git push heroku master

**# To see the logs use the following code**

$ heroku logs --tail

**# Push the changes to the master branch in our github**

(Please ensure that these changes work before pushing, else we might have a hard time detecting the errors.)

$ git push origin master

Gmail:

(Use the Credentials, ID: issusercs2019@gmail.com PW: issuser-gmail2)