

INFO2120 Assignment 3 Documentation

Source code

Installation and Usage

1. Download the ZIP file.
2. Make sure you have `python3` installed on your system. If not:
 1. Install python3: <https://www.python.org/downloads/>
 2. Open terminal (or powershell)
 - Make sure you can run `python3`
 - Note: you may need to edit the 'environment variables'
3. Unzip the ZIP file.
4. Edit **config.ini** with your **pgAdmin** details!
5. Depending on your operating system:
 - Windows: open `run.bat`
 - Mac: open `run.command`
 - Unix/Linux/Terminal: run `python3 main.py`
6. Experiment how it works
7. Your turn :)

Main Important Files :

config.ini

- Edit this to have your database connection information
- user = your_unikey
- password = password for pgAdmin

database.py

- Sets up connections to the database
- Runs all the queries (you write)
- Has all the database functions
- Most of your work is done in here

routes.py

- Handles how the website runs
- You need to do some *slight* modifications to this file.

templates

- If you want to change the way anything looks - template files
- Take a look at the structure and how it works
- Understand what you need to do in **routes.py** in order to get everything working.

What to look for

I've put in some nice *TODO* statements, detailing what you have to do. The **week 8** tutorial is a good place to start and look at what you need to do :) It's a good place to look if you're getting stuck or not sure what to start with.

I want to do awesome stuff!

Honestly, the limitations lie with you, just make sure you're looking at the **marking criteria** and understanding where you are getting the marks.

Help!? I don't understand any of this

- Like I said before, **week 8** tutorial (and lecture) are very very *very* helpful, so it would be a good place to start.
- Check out the Flask tutorial and documentation to understand how it all works:
<http://flask.pocoo.org/docs/0.10/tutorial/>
- Check out the pg8000 documentation: <https://pythonhosted.org/pg8000/quickstart.html>

Good luck :)