Full Unit Project | Endless Scrolling Testing Framework

This file will go over everything you need in order to run and use the program.

These instructions work for anyone using the Linux.cim server.

Virtual Machine and Installing the Dependencies

Firstly, install Python `virtualenv` (venv), a *Virtual Environemt* (this may already be installed for you):

```
pip3 install virtualenv
```

Next, create a venv inside the parent directory called *env*:

```
python3 -m venv env
```

Then, enter the venv:

```
. env/bin/activate
```

Finally, install the dependencies:

```
pip install -r requirements.txt
```

Running the Program

Now you should be able *run* the application with the following:

```
flask run
```

and head to `http://localhost:5000/`.

If it did not run, it may be because `.flaskenv` did not export the `FLASK_APP`, which you can do manuall instead with:

```
export FLASK_APP=run.py
```

How to Use the Program

Once you have headed to `http://localhost:5000/`, you will be greeted with the index page.

There exists some information about the application, along with two links to two various pages.

- "Take Part" takes you to a form page, which then connects to the *experiment* page.
    - The user can include information and click "submit" or they can click "ignore" to skip the form. Either way, it then take the user to the next page.
    - This page provides the user will two types of feeds, *discrete* and *endless*, none clear to the user, but the type of feed being requested can be seen in the terminal running the server.
    - On this page, the user can stay scrolling, or they can leave by either clicking "end" or "quit": "end" records the user's behaviours, whereas "quit" does not.
- Back on the home page exists another link: "Dashboard".
    - Here the admin user is asked to enter their details to enter the dashboard page
    - The dashboard page showcases the various graphs to analysis the user's behaviours.
    - From here they can click "Logout" to take them back to the index page.

Login detials

Assuming the `app.db` has not been deleted, there is one user store in the database with the following details:

```
Username: admin
Password: password1
```