

**Requirements** - list of installed packages (anything used but not included here is already apart of PyCharm Professional which is the IDE I chose to use)

- bcrypt v.3.2.0
- Jinja2 v3.1.1
- WTForms v3.0.1
- Flask-SQLAlchemy v2.5.1
- Flask v2.1.1
- Werkzeug v2.1.1
- SQLAlchemy v1.4.35
- Email-validator v1.1.3
- Flask-Bcrypt v1.0.1
- Flask-WTF v1.0.1
- Flask-Login v0.6.0
- Imported csv, random, datetime, and sqlite3 for small use cases

**The Store Folder** - the store contains all relevant python scripts, HTML templates, and database files

- Templates - holds all HTML templates
  - Base.html - base template that sets up the primary navigation bar, support for flash messages, and the overarching design (links to most of the Bootstrap CSS used can be found in here)
  - Each other file in extends base.html and sets up the design as well as some Jinja logic for all other features of the website
- \_\_init\_\_.py - allows the project to be referenced as a package (preventing issues such as circular imports) and run from an outside 'start.py' script
- Database.db - database for the project (I utilized SQLite viewer to look over this, would recommend instead of printing out all data)
  - **IMPORTANT** - the database file located within the store folder is the correct .db file, NOT the file outside of this folder
- Forms.py - contains each of the flask forms utilized throughout the project
- Models.py - all of the tables in the database, as well as scripts used to populate the database with the given csv's
- Routes.py - main backend of the website, all of the routing and URLs, logic behind each page

**Start.py** - assuming everything else is in place on your pc, simply run this file to boot up the entire project!

- Website is still in debug mode!
- You may login with any user in the Users.csv or create a new one with the Create Account page
- If you want to access the Check Information tab, make sure you are logged in as a User from Users.csv (not a newly created user)
  - I used [arubertelli0@nsu.edu](mailto:arubertelli0@nsu.edu) with password "testing1" as a default buyer

- If you want to access the Manage Product Listings tab (create new listings, track active and previous ones), make sure you are logged in as a seller from the Sellers.csv (you'll need their password from the Users.csv)
  - As a default, I have [avirr66@nsu.edu](mailto:avirr66@nsu.edu) with password changed to "testing1" as a seller
- Within the Store tab, you can always click on 'Root' to remove all active filters on the products being listed
- The store tab currently does not list anything with a quantity of 0!