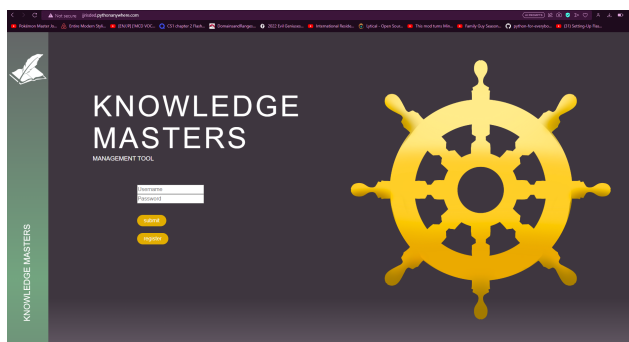Sebastian, Julian Job Romeo B.
LIS161

Final Project Documentation - Knowledge Masters Management Tool
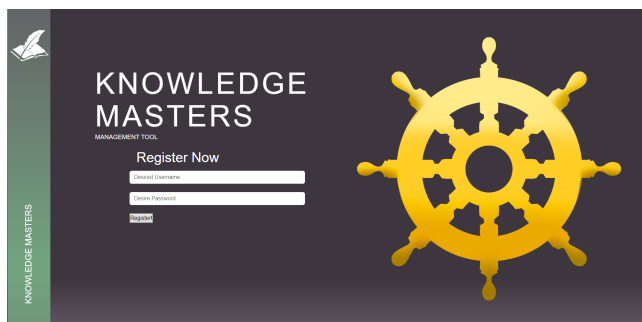
Github Repository :https://github.com/JJR-isded/161-FlaskSQLFinal.git
Python Anywhere deployment: JJRisded.pythonanywhere.com

For my final flask project, I made a management website tool for a company named Knowledge Masters. Essentially they provide services revolving tutoring, cataloging and many more. The website is to help them manage pending and completed orders. It also has the capability to register new accounts to access the whole website. The following are the deployed screenshots of the website on pythonanywhere.com.
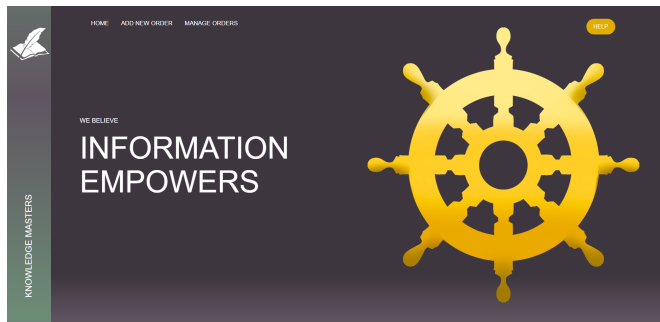

This is the initial page when someone opens the website. It has 2 text input areas for the registered users and the password associated with the existing account. Not a registered user? Click the register button which redirects you to the following page.

This second page is the register page. You can input your desired username and desired password. After clicking submit it would redirect you back to the login page. How i did these 2 functions is simple. I just asked for the input in html then the value received is then placed in a query to my database, which I have 2. The two databases are named knowledgem.db and knowledgem_users.db, I did this to prevent the database from locking since it is making "complex" actions when I use 1 database for the users and the orders.
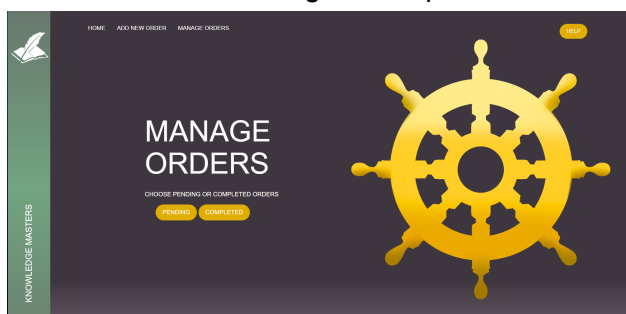
After logging in,it would redirect your to the homepage of my website.

This page is simply the home page and is just a simple html page that has hyperlinks to the Home page (refreshes), Add New Order page, Manage Order page, and the Help (support) page. Let's try to add a new order.
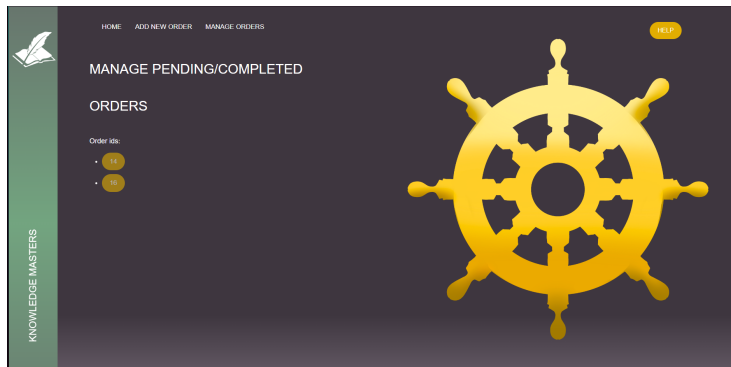

After clicking the add new order link it would bring us to this page which would help us add new orders. Hypothetically the orders would be sent to the business email then the office would use this tool to add the order for tracking. The code behind this is fairly similar to the adopt a pet one I just change the values that correspond to my database.

Let's say we already have an order. We can also manage the pending and completed orders by clicking the "Manage Orders". The manage orders page can help you redirect to 2 classification of orders. Pending or Completed orders.
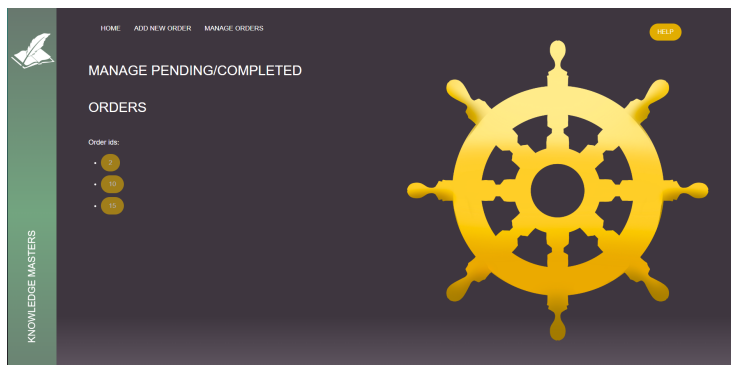

Clicking the pending or completed button brings you to 2 different pages where it shows you the list of pending orders or completed orders so you can check the description of the order then modify or edit.
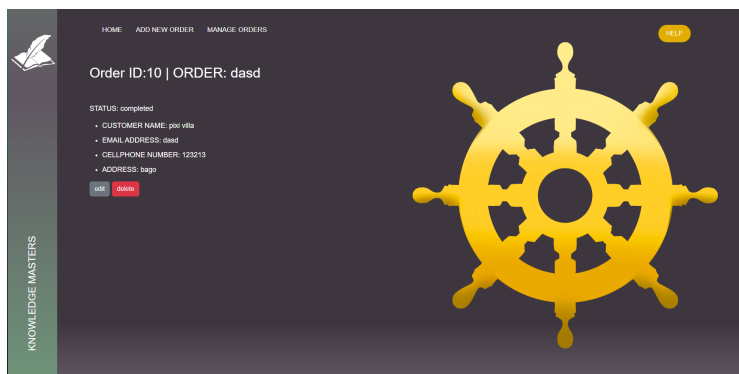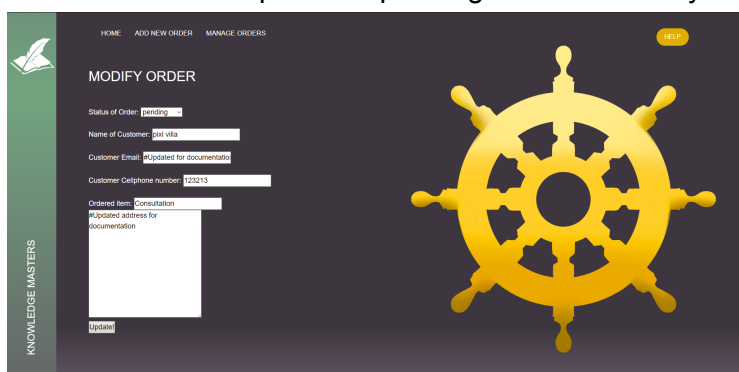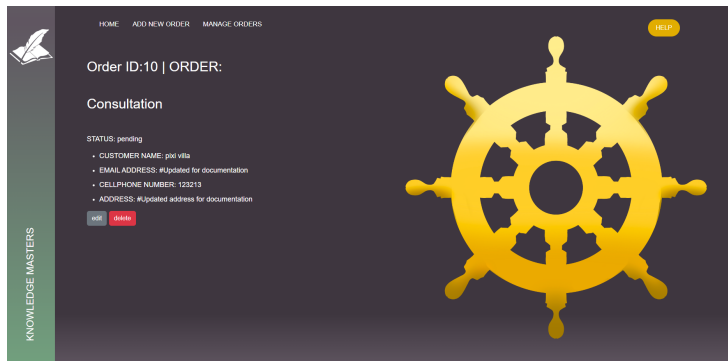
Pending Orders:

Completed Orders:

Here is the description of the completed order id 10, we have to modify it because hypothetically the worker forgot to change some details.
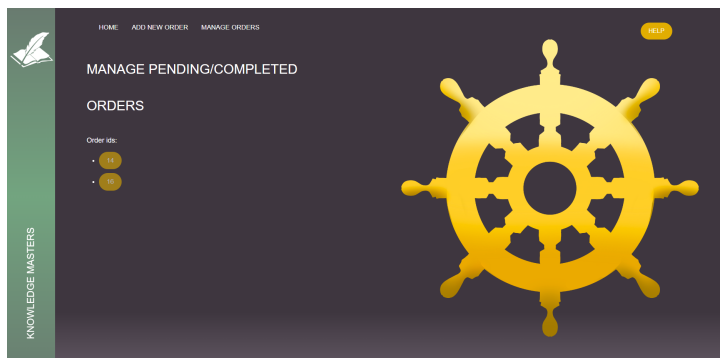

Here is the modify page which guides to change which value of the order. You can also change the order from completed to pending or the other way around.

The following is the updated description of the order id 10:

Now we can also delete orders. So looking at Orderid 10, it is no longer in the list of pending orders (modified from completed to pending).

For the UI design, the images used are made by myself since there is no updated png logo of the company. I also used a sophisticated color palette that shows professionalism and screams business. I reused most html code for the top navigation as well as the side navigation or the side bar.There are alot of more things I could have improved but I think it looks great.