**Project 2**

CSCI 116: Intro to Python Programming

**Overview**

We've been working with Flask, databases, objects, and function decorators… we've added a lot to our toolbox in the last few weeks. But what have we really built? I'd like us to combine all of the skills we've acquired and focus them into building a working CRUD (Create-Read-Update-Delete) application that allows users to manage some resource in your application. If you are following with my videos, that resource is "quotes". In the coming module, we'll make an application to manage a resource of your own choosing. You'll need:

* A users table in your database.
* A one-to-many relationship between users and whatever it is you are going to have them manage.
* Login/logout functionality.
* Routes in your application to get and process forms for the CRUD activities.
* These routes will need to be protected so that only authenticated users can use them.

**Instructions**

1. Pick a topic or resource that your users can manage. If your app already lends itself to this, you can just keep rolling (like I do with quotes). If not, pick something and start building.
2. Add the login/logout functionality to your application, much like what is done in module 10 with my app.
3. Build out the CRUD routes and implement a master-detail interface… this is what I'll be demonstrating in module 11.

Each module provides guidance in terms of reading assignments and video content – track and follow with what is asked of you and I think you should be in good shape.

Check off by demonstrating your application to me by the due date, please ALSO hand in your code to D2L for this assignment (zip up the entire project directory).