**CS421/621 Lab07**

**Flask Exercise 2 – Sign up**

In this lab, you will be implementing a sign up /sign in interface using Flask and SQlite. We will be defining the basic and required features of a simple login/signup page, feel free to extend the project and implement a better application. You can use your lab6 project and implement the new features. Here are the basic instructions;

1. Create lab7 flask app (create all of the necessary subfolder and files such as templates, html and .py files)
2. Configure Flask App for SQLAlchemy
3. Create a user model in Flask

**Sign In Page**

The user should be able to enter the **secretPage.html** if and only if he/she enters the correct username and password. The username and the password should be saved in the database.

**Sign Up Page**

This is the page that we are creating and saving a new user. You should have necessary fields to get the following information;

First Name, Last Name, Email address Password , Confirm Password

When the user click the register button, all of those information should be saved in the database and the **thankyou.html** page should be displayed. Before creating the profile and registering the user, make sure the passwords are matching and they are satisfying our criteria (from lab6).

**Bonus Point:**

Check the database and make sure the email address has never been used before.

**Sample Pages**

**Login Page**

A screenshot of a cell phone

Description automatically generated

**SignUp Page**

A screenshot of a cell phone

Description automatically generated

**SecretPage.html**

A picture containing food

Description automatically generated

**Thankyou.html**

A picture containing food

Description automatically generated