CS421/621 Lab06

Flask Exercise 1 – Sign In

In this lab, you will develop a password format checker. Create a simple application and ask user to enter his username and a password. Check the password and see whether it meets the following requirements;

- *It must contain a lowercase letter*
- *It must contain an uppercase letter*
- *It must end in a number*
- password should be at least 8 characters

Create the following files;

- **base.html** (create a navbar)
- **index.html** (a simple form that redirects to a report page upon hitting submit button)
- **report.html** (it should indicate if the password passed the requirements)

Optional features:

- store the username and password in the database. [+10 points]
- if there are 3 consecutive failed attempt, display a warning [+10 points]

Please check the screenshots below.

A failed attempt:

Let see if your password mets the requirements

Oh no! Looks like you had issues with your password!

Here are the requirements you failed:

- You did not use an uppercase character.
- You did not end your username with a number.

A successful attempt:

Home Page

Welcome to Password Check

Let's see if your Password is secure!

Fill out the form below with a User Name and password that has these restraints

- Must have an upper case letter somewhere.
- Must have a lower case letter somewhere.
- Must have a number at the end.

UserName: unan   Password: Password1   Submit Form

Home Page

Let see if your password mets the requirements

Your Password passed the 3 requirements!