Iteration #2

Project Scope: The scope of this project is to create a page where a user can edit and generate a random password from a series of parameters they set.

1. Objectives:

Eric Chao:
Some of the objectives for this project are to work on commutation skills in a virtual environment as we must take turns editing a single file, learning new python libraries such as Thinter to make a GUI, and making a reliable password generator for the users. For the GUI I want to learn how to make multiple windows / pages that will ask users for inputs that allows them to create parameters for their password through a series of buttons and open response. One other goal I have for this project is to gain a better understanding of GitHub.

Torrey Winrow:
The goal of the group is to make a password generator with options for the user to choose which word, special characters, number of capitalized letters and length of the password they would like. My personal objectives are to better understand the relationship between the repository and Python as well as the software (Thinter) we will be using to make the interface for the generator and to contribute to the overall design and coding of the generator. I also want to make sure the group stays on track for the design of the project and our schedule, so we complete the project in time for the final. One other goal of mine is to better understand GUIs.

Sharron Chen:
As a team, we are to create a password generator that'll output passwords based on requirements provided by the user. These requirements are for website security measures such as, special characters, length, numbers, and case-sensitive letters. To achieve this, we will expand our knowledge on python libraries and systems that'll allow for an interactive interface. My objectives are to understand how GUI's are used and created to allow for user interaction, understand how to upload files into the GitHub repository through GitBash, and work with my team to keep our documents organized.

Final and Cohesive Set of Goals:
Create a reliable password generator that allows users to select or give a series of inputs that create parameters for their specific password. Learn new libraries in Python and gain a better understanding of the tools we are using such as GitHub, and Sypder.

2. Technologies and Tools:

We will use Python, Spyder, and several libraries for our project.

- Libraires (ideas): Thinter (GUI), random (for random generation), and string (for our strings / passwords)
- Spyder/Python to code the software of the generator

GitHub Link: https://github.com/Eric-c3/python-collaboration