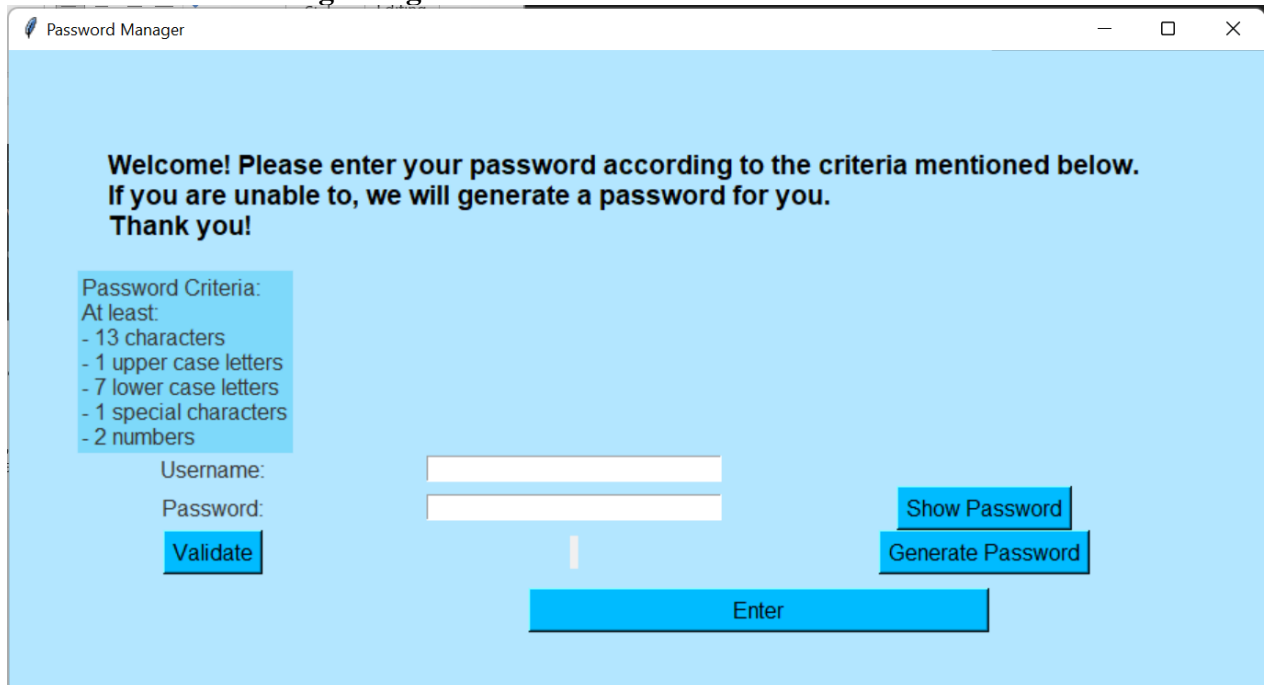


Implemented the following

1. Security Factors
 - a. Criteria
 - i. Minimum 13 characters
 - ii. Minimum 1 upper case
 - iii. Minimum 7 lower case
 - iv. Minimum 1 special character
 - v. Minimum 2 numbers
2. Usability Factors
 - a. Show / Hide Password (*)
 - b. Generate Password
 - c. Validate password (tick mark against criteria)
 - d. Strong / Weak password indicator
 - e. Confirm password on Enter

Initial Password Manager Page



The screenshot shows a web browser window titled "Password Manager". The page has a light blue background. At the top, it says "Welcome! Please enter your password according to the criteria mentioned below. If you are unable to, we will generate a password for you. Thank you!". Below this, there is a section titled "Password Criteria:" with a list of requirements: "At least: - 13 characters, - 1 upper case letters, - 7 lower case letters, - 1 special characters, - 2 numbers". To the right of this list, there are two input fields: "Username:" and "Password:". Below the "Username:" field is a "Validate" button. Below the "Password:" field is a "Show Password" button and a "Generate Password" button. At the bottom, there is a large blue button labeled "Enter".

Password Manager

Welcome! Please enter your password according to the criteria mentioned below.
If you are unable to, we will generate a password for you.
Thank you!

Password Criteria:
At least:
- 13 characters
- 1 upper case letters
- 7 lower case letters
- 1 special characters
- 2 numbers

Username:

Password:

Validate

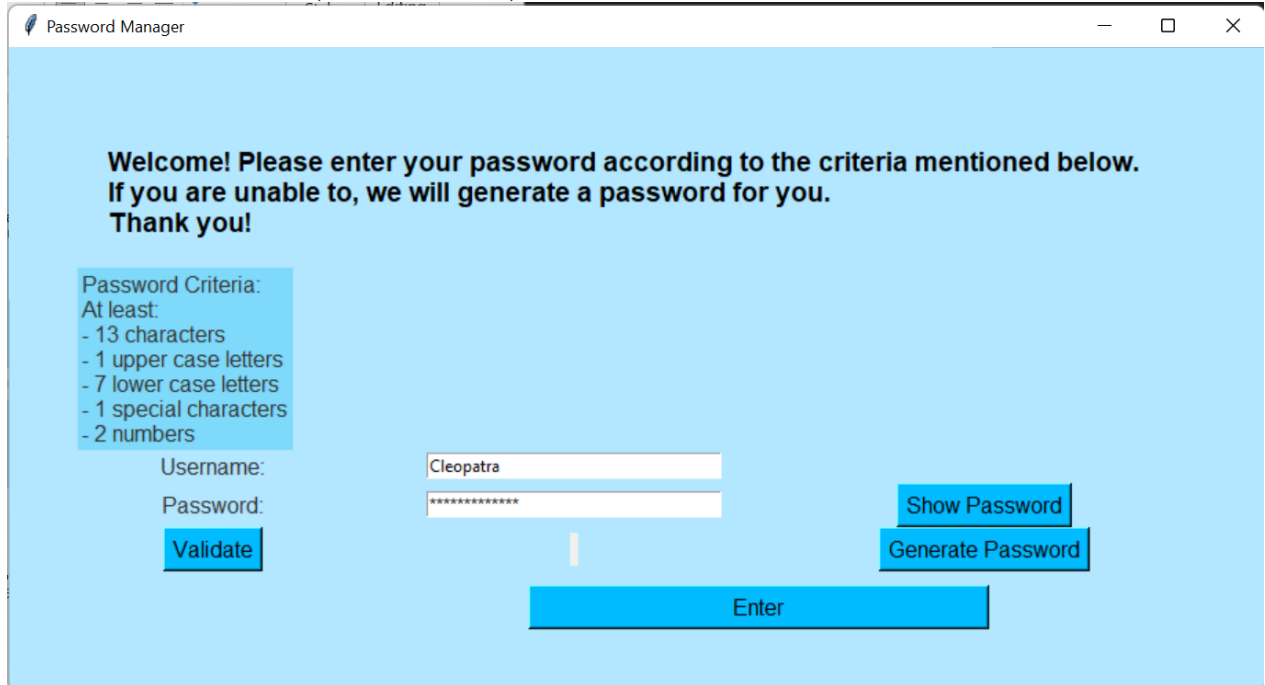
Show Password

Generate Password

Enter

Enter Username and Password:

a. Password is hidden (Asterisk form)



Password Manager

Welcome! Please enter your password according to the criteria mentioned below.
If you are unable to, we will generate a password for you.
Thank you!

Password Criteria:
At least:
- 13 characters
- 1 upper case letters
- 7 lower case letters
- 1 special characters
- 2 numbers

Username: Cleopatra

Password: *****

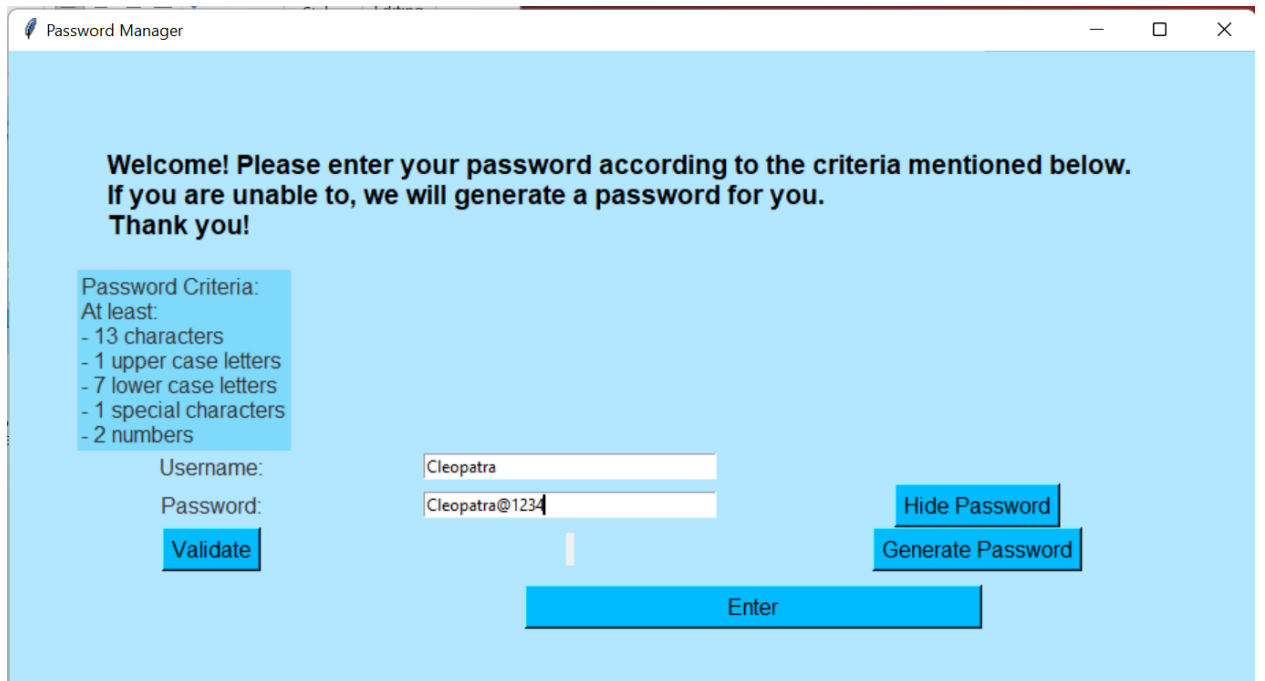
Validate

Show Password

Generate Password

Enter

b. Show Password button



Password Manager

Welcome! Please enter your password according to the criteria mentioned below.
If you are unable to, we will generate a password for you.
Thank you!

Password Criteria:
At least:
- 13 characters
- 1 upper case letters
- 7 lower case letters
- 1 special characters
- 2 numbers

Username: Cleopatra

Password: Cleopatra@1234

Validate

Hide Password

Generate Password

Enter

Validate Password

a. Strong Password + tick mark against criteria

Password Manager

Welcome! Please enter your password according to the criteria mentioned below.
If you are unable to, we will generate a password for you.
Thank you!

Password Criteria:
At least:
- 13 characters ✓
- 1 upper case ✓
- 7 lower case letters ✓
- 1 special characters ✓
- 2 numbers ✓

Username:

Password:

Strong password

b. Weak Password + tick marks absent

Password Manager

Welcome! Please enter your password according to the criteria mentioned below.
If you are unable to, we will generate a password for you.
Thank you!

Password Criteria:
At least:
- 13 characters
- 1 upper case ✓
- 7 lower case letters ✓
- 1 special characters
- 2 numbers

Username:

Password:

Weak password

Generate Password for the user

Password Manager

Welcome! Please enter your password according to the criteria mentioned below.
If you are unable to, we will generate a password for you.
Thank you!

Password Criteria:
At least:
- 13 characters ✓
- 1 upper case ✓
- 7 lower case letters ✓
- 1 special characters ✓
- 2 numbers ✓

Username: Cleopatra

Password: B0kgrrllkv_vn3t(kj

Validate

Strong password

Hide Password

Generate Password

Enter

Enter Password

a. Valid Password

Password Manager

Welcome! Please enter your password according to the criteria mentioned below.
If you are unable to, we will generate a password for you.
Thank you!

Password Criteria:
At least:
- 13 characters ✓
- 1 upper case ✓
- 7 lower case letters ✓
- 1 special characters ✓
- 2 numbers ✓

Username: Cleopatra

Password: Cleopatra@1234

Validate

Strong password

Hide Password

Generate Password

Enter

These are the details entered:
Username: Cleopatra
Password: Cleopatra@1234
Is it ok to save?

OK Cancel

b. Invalid Password

Password Manager

Welcome! Please enter your password according to the criteria mentioned below.
If you are unable to, we will generate a password for you.
Thank you!

Password Criteria:
At least:
- 13 characters
- 1 upper case ✓
- 7 lower case letters ✓
- 1 special characters
- 2 numbers

Username:
Cleopatra

Password:
Cleopatra

Validate

Weak password

Enter

Hide Password

Generate Password

Oops

Please make sure password characters entered are 13

OK