Documentation

This document serves as the official documentation for the Password Generator module in Python. The module is designed to provide a convenient way to generate strong and random passwords using the random module.

Some features of the password generator -
- It generate random passwords
- The password length will be chosen by the user.
- This will develop the most secure passwords of all time.

In random module we will use only one thing -
- random.choice()

Flowchart

29 April 2024   23:33

```mermaid
flowchart TD
    start([start])
    start --> A[uppercase=Generate Random uppercase letter between A to Z]
    A --> B[lowercase=Generate Random lowercase letter between a to z]
    B --> C[digit=Generate Random digit letter between 0 to 9]
    C --> D[panctuation sign=Generate Random panctuation sign]
    D --> E[password=uppercase+lowercase+digit +pasctuation sign]
    E --> F[randomly generate password]
    F --> G{password in range 6:12}
    G -->|no| F
    G -->|yes| H[/Output password/]
    H --> End([End])
```

- start
- uppercase=Generate Random uppercase letter between A to Z
- lowercase=Generate Random lowercase letter between a to z
- digit=Generate Random digit letter between 0 to 9
- panctuation sign=Generate Random panctuation sign
- password=uppercase+lowercase+digit +pasctuation sign
- randomly generate (password)
- password in range 6:12
  - no
  - yes
- Output(password)
- End