**Generate Random Password Use Case**

**Actors:** Users, Random password Generating System

**Description:**

A user, Andrew wants to create a strong password for a Netflix account and doesn’t want to think of a password himself.  Andrew enters the password generator website and clicks on a button called “Generate Password”.  It generates a random password of 10 characters length consisting of capital/lower case letters, numbers, and symbols. The copy password button next to the newly generated password allows the user to simply copy and paste the secure password to the desired site for account creation.  If the user does not like the password, he/she can click the “Generate Password” button again for a new random password.  This process allows the user to create a robust password with ease to copy onto their desired site for account creation.

**Data:** Generation of randomized password

**Stimulus:** User command issued by Users

**Response:** Generation of a random 10 char length password consisting of cap/low case letters, numbers and symbols.

**Comments:** After generating random password, the user will have option to regenerate a new random password

**Generate Customized Password Use Case**

**Actors** User, password creation system

**Description** A User may generate a customized password with specific characteristics. The User will be able to select nodes to specify which characteristics they want to be included such as including symbols, capital letters, and lowercase letters. They will also be able to specify the desired length of their password. To select an option, users can check the corresponding empty box. Any unchecked option will be excluded from the customization. The program will generate the password based solely on the selected criteria. After selecting desired components, users initiate the generation process by pressing the "generate customized password" button.

**Data** User Preferences, password summary

**Stimulus** User specification of password characteristics

**Response** Password creation based off user specification and option to copy generated password afterwards

**Comments** The user cannot request a password length less than 8 characters