Random password generator project

Passwords provide the first line of defense against unauthorized access to your computer and personal information. The stronger your password, the more protected your computer will be from hackers and malicious software. You should maintain strong passwords for all accounts on your computer and mobile.

On the other hand, sometimes it is so hard to give a strong password and we do not know how to give password and easy passwords can break and hack easily so this issue is very important for data protection. Due to this issue we selected this project.

Random password generator is a JavaScript project that can generate strong and unique passwords automatically. We will make an interface for it that shows passwords that are generated and some other characteristics;

- Uppercase
- Lowercase
- Symbols
- Numbers
  As we learned that for a strong password our password must contain uppercase, lowercase, symbols and numbers for this reason we will give these Options, and these characteristics will be optional. finally, after choosing the options the program will generate a strong password.

  ## Advantages of making this project:

  1. Saving time, usually when we want to generate a password it takes Lots of time to make a strong password.
  2. Generate a strong password.
  3. Generate passwords quickly
  4. Protect the security of your accounts
  5. It is so easy to use

  We will use these programing languages in this project;
  - HTML
  - CSS
  - JavaScript

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