

Password Management Application

➤ Overview

The password management application is a simple utility written in c that helps you manage and store passwords for different websites. It provides basic features to add, view, and search for passwords based on the associated websites. The passwords are stored locally in memory, allowing you to keep track of your login credentials conveniently.

➤ How to use

I. Prerequisites

- Make sure you have a C compiler installed on your computer.

II. Compilation

- Download the password manager.c file to your computer.
- Open a terminal or command prompt and navigate to the directory containing the password manager.c file.

III. Running the application

- Once the compilation is successful, run the application.
- The application will display a simple menu with the following options.

1. Add password: use this option to add a new password entry. You will be prompted to enter the website, username, and password for the new entry. The application ensures the input is within a reasonable length.
2. View passwords: select this option to see all the stored passwords in a neat tabular format. It will show the website, username, and password for each entry. If you haven't added any passwords yet, it will inform you that there are no passwords stored.
3. Search passwords: choose this option to find passwords associated with a specific website. Enter the website you want to search for, and it will display the associated username and password if found. Remember that the search is case-sensitive, so type the website name exactly as it was added.
4. Exit: use this option to gracefully exit the application.

Dependencies

- The Password Management Application does not require any external dependencies. It is written in C and uses standard C libraries (stdio.h, string.h, and stdbool.h).

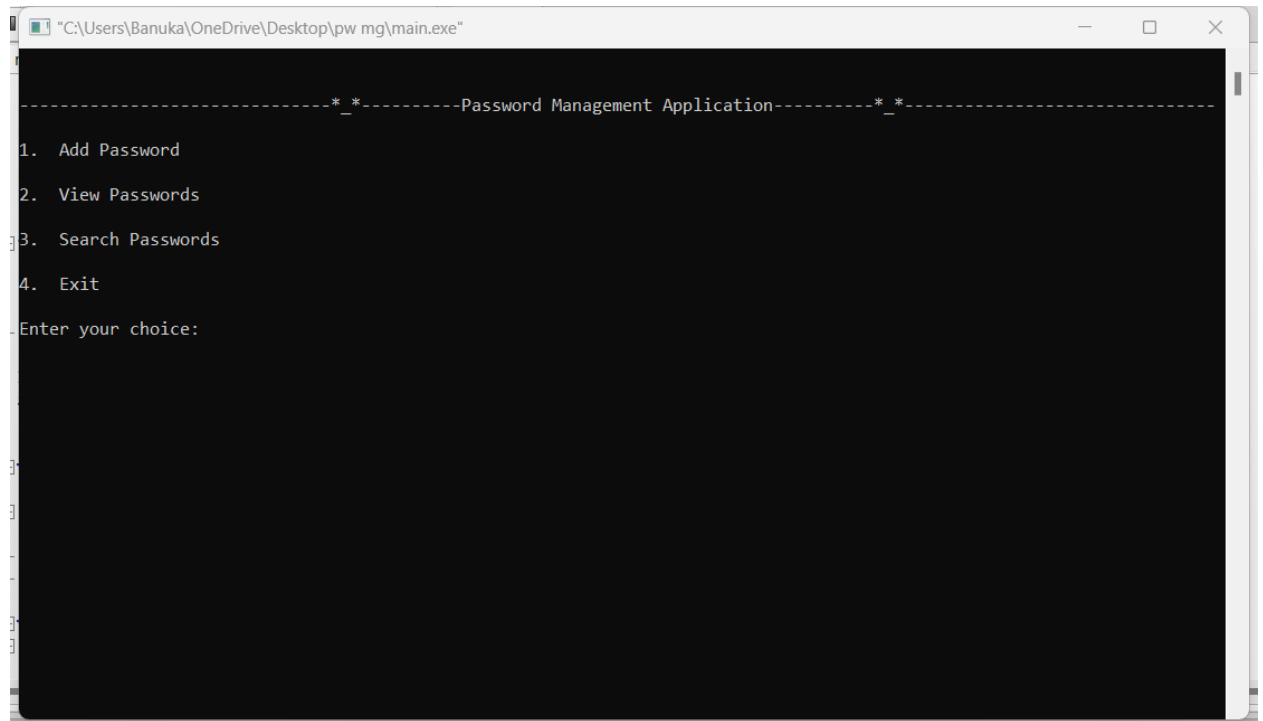
Security Considerations

- The Password Management Application is for educational use and not designed for high-security purposes. Avoid storing critical or sensitive passwords.

Disclaimer

- This utility is provided as-is and without any warranty. Use it responsibly at your own risk.

Outputs



```
"C:\Users\Banuka\OneDrive\Desktop\pw mg\main.exe"

-----*_-----Password Management Application-----*_-----

1. Add Password
2. View Passwords
3. Search Passwords
4. Exit
Enter your choice:
```

```
"C:\Users\Banuka\OneDrive\Desktop\pw mg\main.exe"

-----*_-----Password Management Application-----*_-----
1. Add Password
2. View Passwords
3. Search Passwords
4. Exit
Enter your choice: 1
Enter website: www.banuka.com
Enter username: achala211
Enter password: banuka211A3
Password added successfully.
-----*_-----Password Management Application-----*_-----
1. Add Password
2. View Passwords
3. Search Passwords
4. Exit
Enter your choice:
```

```
"C:\Users\Banuka\OneDrive\Desktop\pw mg\main.exe"

-----*_-----Password Management Application-----*_-----
1. Add Password
2. View Passwords
3. Search Passwords
4. Exit
Enter your choice: 2
Website Username Password
www.banuka.com achala211 banuka211A3
-----*_-----Password Management Application-----*_-----
1. Add Password
2. View Passwords
3. Search Passwords
4. Exit
Enter your choice:
```

ing: "C:\Program Files\CodeBlocks\cb_console_runner.exe" "C:\Users\Banuka\OneDrive\Desktop\pw mg\main.exe" (in "C:\Users\Banuka\OneDrive\Desktop\pw mg")

```
"C:\Users\Banuka\OneDrive\Desktop\pw mg\main.exe"

3. Search Passwords
4. Exit
Enter your choice: 2
Website Username Password
www.banuka.com achala211 banuka211A3

-----*_-----Password Management Application-----*_-----
1. Add Password
2. View Passwords
3. Search Passwords
4. Exit
Enter your choice: 3
Enter website to search: www.banuka.com
Website Username Password
www.banuka.com achala211 banuka211A3

-----*_-----Password Management Application-----*_-----
1. Add Password
2. View Passwords
3. Search Passwords
4. Exit
Enter your choice:
ing: "C:\Program Files\CodeBlocks\cb_console_runner.exe" "C:\Users\Banuka\OneDrive\Desktop\pw mg\main.exe" (in "C:\Users\Banuka\OneDrive\Desktop\pw mg")
```

```
"C:\Users\Banuka\OneDrive\Desktop\pw mg\main.exe"

3. Search Passwords
4. Exit
Enter your choice: 3
Enter website to search: www.banuka.com
Website Username Password
www.banuka.com achala211 banuka211A3

-----*_-----Password Management Application-----*_-----
1. Add Password
2. View Passwords
3. Search Passwords
4. Exit
Enter your choice: 4
Exiting...
Process returned 0 (0x0) execution time : 189.103 s
Press any key to continue.

ing: "C:\Program Files\CodeBlocks\cb_console_runner.exe" "C:\Users\Banuka\OneDrive\Desktop\pw mg\main.exe" (in "C:\Users\Banuka\OneDrive\Desktop\pw mg")
```