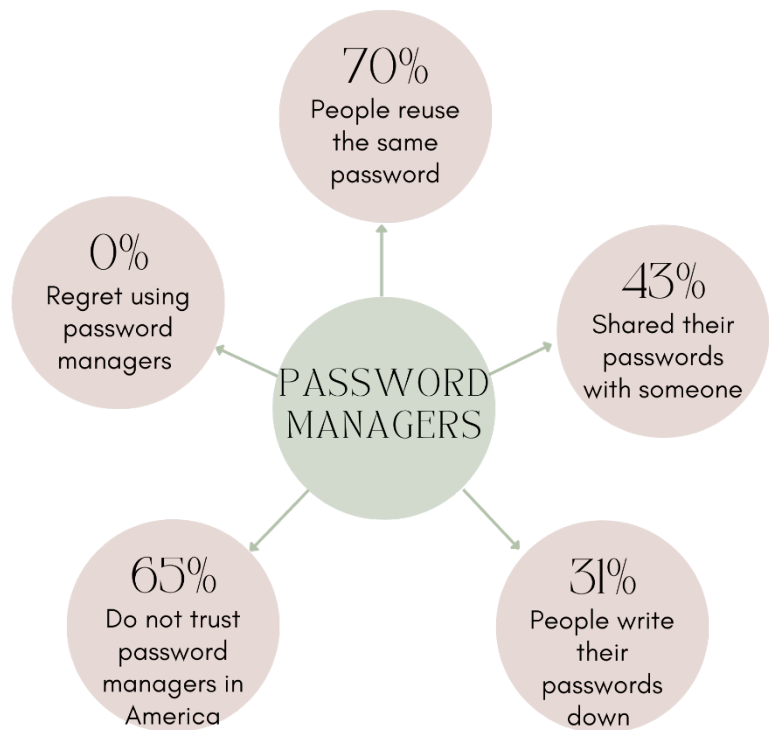# PASSWORD MANAGERS

What is it?

A password manager is software created to manage all your online credentials like usernames and passwords. It stores them in a safe, encrypted database and also generates new passwords when needed. Because the password manager stores all your passwords, you don't need to memorize hundreds of passwords or keep that secret password paper in your drawer.

How does it work?

As our lives expand while we do more online, we've gone from having just a couple of passwords to today, where we might manage upwards of 100 or more. If you're like most people, you're probably using the same password for most of your accounts—and that's not safe. If your one password gets stolen because of a breach, it can be used to gain access to all your accounts and your sensitive information. But no need to fret, password managers are easy to use and make a big difference.

We Recommend bit warden its free and simple to use; you make one master password, and it remembers the rest. Because of this you can have passwords automatically set up for you that are secure, you don't have to memorize them because bit warden does it for you.

70%
People reuse the same password

43%
Shared their passwords with someone

0%
Regret using password managers

PASSWORD MANAGERS

65%
Do not trust password managers in America

31%
People write their passwords down

Credential Reuse Attack

One of the more notable credential reuse attacks is the 2019 Dunkin Donuts breach — which, unluckily for the east coast chain, happened to be their second hack in two months. This time around, the threat actors went so far as to sell thousands of accounts on the dark web. They sold users' credentials — including usernames and passwords — to the highest bidders, who could then try them across other consumer websites until they got a hit.

What you need to know:

Credential reuse is a pervasive issue across any company or userbase. Nowadays, most users have tens (if not hundreds) of accounts and are tasked with remembering countless passwords that meet all sorts of

stringent requirements. As a result, they'll resort to reusing the same password over and over again, in the hopes of better managing and remembering their credentials across accounts. Unsurprisingly, this can cause major security issues when said credentials are compromised.

If you have any questions, comments, or concerns feel free to reach out anytime to security@uccs.edu

What are the advantages of a password manager? They...
Save time
Suggest strong passwords
Identify weak passwords

#BeCyberSmart #CybersecurityAwarenessMonth #security@uccs.edu