

APDS7311 ICE Task 2

Eben Mwema, ST10091324



BCA701

GROUP 1

VC WATERFALL

1. Sucuri (2024) Registration can provide legal compliance and recognition from a professional body. It builds credibility and reliability. It offers brand protection which helps protect a brand's unique identity and gain legal rights to prevent unauthorised use.

2. Sucuri (2024) Anything stored inside cookies is stored in plaintext, thefore anybody with access to the device where does cookies are stored can read the contents of those cookies without having to do any meaningful computation. Meaning, threat actors can maliciously access that data (relatively easy) and perform malicious actions to and on your systems or make malicious purchases using the user’s financial details.

3. Sucuri (2024) Securely storing credentials makes it harder for threat actors to gain access to your entire userbase which may lead to some serious consequences. Insecurely storing credentials can even lead hefty fines due to non-data compliance laws. The aim is to deter threat actors from wanting to even think of gaining access to your systems by make it incredibly difficult to gain access to your userbase’s credentials in plaintext.

4. Sucuri (2024) It makes it harder for threat actors to gain unauthorized access to systems by adding multi-layers of security before granting accessing to a system. For example, to successfully login, a user might need their username, password and 2FA code. A threat actor will most likely have the first two but lack the last condition.

# REFERENCE LIST

Sucuri. 2024. Website Security & Protection: How to Secure a Website, Sucuri, [n.d.]. [Online]. Available at: <https://sucuri.net/guides/website-security/> [Accessed 14 October].

Bill the Lizard. 2009. What information is OK to store in cookies? StackOverflow, 1 April 2009. [Online]. Available at: <https://stackoverflow.com/questions/706858/what-information-is-ok-to-store-in-cookies> [Accessed 14 October 2024].