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Mobile Device User's Susceptibility to Phishing Attack

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Abstract: As mobile devices become the primary gateway to digital communication and online services, they have also emerged as a major target for phishing attacks. This research explores the susceptibility of mobile device users to phishing attempts, highlighting the factors that contribute to their vulnerability. Unlike traditional computer users, mobile users often face unique challenges, such as smaller screen sizes, simplified interfaces, and limited access to security tools, which make it harder to detect malicious links or fake websites. Through a combination of user surveys, case studies, and an analysis of recent phishing trends, this study identifies key behavioural, technical, and psychological factors that increase the likelihood of falling victim to such attacks. The findings emphasize the need for improved user awareness, adaptive mobile security mechanisms, and better design practices to minimize risk. This paper aims to contribute to the ongoing efforts in enhancing mobile cybersecurity and protecting users from evolving phishing tactics.

Keywords: Mobile Security, Phishing Attacks, Smishing, Cybersecurity Awareness, User Behaviour, Mobile Device Vulnerability, Social Engineering, Mobile Threats, Information Security, Human Factors in Cybersecurity.

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