

ABSTRACT

The development of the Internet in information technology is growing rapidly along with the growth of its users. Likewise, the level of crime in information technology is very dangerous for both individual users and organizations. have experienced several hacks followed by spam accounts which can disrupt the stability of the website, based on these statements can affect existing IT assets. Therefore, attention is needed to managing information systems and resource management to reduce the impact that can harm the company. To anticipate these threats, a vulnerability assessment was carried out to identify methods that could threaten the PT. XYZ. The framework used is VAPT, the VAPT framework is a framework that systematically finds weaknesses in applications that require security, reliability, and integrity. To reduce the incidence of excessive costs and have a variety of security and strategy for various applications and IT resources. To determine which resources and vulnerabilities need to be prioritized, the priority score formula is used. From the results of calculations using a priority score, it can be determined that the vulnerabilities that will be prioritized are vulnerabilities that have a high score of 37 with Password Field vulnerabilities with autocomplete enabled and Link Manipulation, the lower the effort required or the fewer resources used by the company, the more it will increase. few resources needed by the company. The fewer resources needed, the more optimally allocating resources and providing the maximum. By reducing, and responding to results, companies will be in a better position to respond quickly to user requests.

Keywords: Vulnerability Assessment, Threats, Vulnerabilities, Framework, Assets, Priority, Resource