ISSN: 2634 - 8853

Journal of Engineering and Applied Sciences Technology



Research Article Open de Access

Securing BYOD (Bring Your Own Device) in Education: Endpoint Management for School Networks

Anjan Kumar Gundaboina

Senior Cloud Engineer, USA

ABSTRACT

The implementation of the Bring Your Own Device (BYOD) in learning institutions has brought significant changes in other learning institutions by giving the learners and faculty a chance to use the gadgets of their personal choice. The utilization of LBYG relies on the students' personal and portable devices, which include laptops, tablets, smart phones etc, enhances the personalization of the learning process, improves the level of interest and the yields, hence productivity in the institutions. In the same respect, on the aspect of operational costs, schools do not require much investment in school-owned hardware owing to BYOD initiatives. This approach also ensures that the educational institutions can manage the available resources well and apply advanced technology to learning. However, the increasing use of BYOD has its issues that that need to be addressed, specifically, in relation to the usability of the connected devices in the school network in a compliant manner.

However, BYOD comes with sever security risks that may endanger institutional information and learning processes. BYOD [Bring Your Own Device] give every bad guy a door point to breach into a network; corrupt, steal or destroy organizational data, or gain unlawful access to an organization's IT system. This is due to the different types of devices, operating system, and software used by the students and staff which hampers the provision of measures towards containing some of the vulnerabilities. Also, if not properly taken, endpoint security can lead to the compromising of several student and faculty records which are legally sensitive information. This paper aims at explaining why there is a need to adopt effective management of End Point solutions to help in handling of these risks. In view of the insights drawn from the current research studies, analysis of the methodologies, real-life implementation strategies, introduce a broad defense solution that has been specifically designed for educational institutions. Thus, the purpose of this research is to identify the crucial issues related to BYOD that are crucial for protecting school networks while using the advantages of the integrated technologies in learning process.

*Corresponding author

Anjan Kumar Gundaboina, Senior Cloud Engineer, USA. E-mail: anjankumar.247@gmail.com

Received: April 04, 2025; Accepted: April 07, 2025; Published: April 19, 2025

Keywords: BYOD, Endpoint Management, Network Security, Mobile Device Management, Data Protection

Introduction

The Rise of BYOD in Education

The mobile devices enhancement and the growth of the pocket money portable equipment have affected the education sector and subsequently introduce the approach of BYOD. School and colleges also acknowledge that BYOD can enrich the process of education by allowing students and faculty members to use their own computing devices such Laptops, tablets, and smartphones for academic purposes [1-3]. this transition also leads to a change in learning delivery that is more communicative and therefore allows the students to be engaged in forum discussions, search for information and engage in group projects as part of learning delivery. Furthermore, BYOD can also drive down the costs of institutions through the minimization of investments in technological equipment provided to the institution hence reliefs some of the institutions' expenses for expanses in infrastructures as well as curriculum.

Security Challenges Posed by BYOD

Even though BYOD has emerged as an effective solution for the use of technology an organization, it comes with potential security vulnerabilities that can lead to leakages and security of institutional data or network. Mentioned above are some of the risks that may occur in privately owned personal devices since they may not have secured settings like school-owned computers. Students and staff may also neglect the other key practices like updating their devices software to the latest version, strong password construction and avoiding the risky links among others. As for the disadvantages, they are more or less the same but there are few new challenges: BYOD increases the problem of managing the network since the IT administration has to introduce settings tailored to numerous operating systems, device models, and security options. Many universities lack adequate security measures to protect information belonging to students, amount of money, research results, publications, and presentations; these are some of the disaster that would be face if not protected against computer criminals.

The Need for Robust Endpoint Management

In order to address these risks, there is need for strong endpoint management strategies that will enhance the centers' security in their networks. Endpoint management is the act of managing the security solutions that are installed in computers and mobile devices through the use of MDM systems, network segmentation and access control systems. Implementation of strict security measures

J Eng App Sci Technol, 2025 Volume 7(4): 1-6

including not allowing unfiltered downloads on organizational computers, every personal computer must have an antivirus, important information encrypted and adoption of the multi-factor authentication reduce the chances of attackers gaining access in schools. Besides, continuing the security training of students and staff so that they do not accidentally introduce malware or conduct themselves in such a manner to allow for an attack to penetrate can be effective in building up a security security-cognizant culture. Thus, a proper endpoint management is not only to protect BYOD environments but also to allow institutions to utilize all the opportunities of technology advanced learning and, at the same time, protect information assets.

Literature Survey

Security Challenges in BYOD Environments

The subject of BYOD in learning institutions has received attention in research, and scholars have noted a number of risks that are associated with permitting personal gadgets in learning institutions include the following. According to Ratchford et al., there are twenty-two risks associated with BYOD security, which include the unauthorized access of such devices, weak password, unpatched software, and no adequate endpoint protection. All these indicate how necessary it is to enhance security policies compliance since variations in the extent of security measures that a given device provides widens the door to cyber-attacks [4-6]. In addition, BYOD environments have brought challenges to controlling data flow since personal devices that the user may be using could lack adequate security measures to protect any educational data that the user will come across. This in turn poses several threats to unauthorized disclosure of data, piracy of other people's property and failure to observe the set policies on data protection.

Non-Compliance and Risk Mitigation Strategies

According to Palanisamy et al., one of the main threats that are typical for BYOD is users who neglect security measures. Few students and staff members practice general computer security measures such as updating devices, enabling encryption, authentications, among others. This high non-compliance is very dangerous because unprotected device is an open invite for ransomware, phishing, and spyware attacks. It was also pointed out that strong access controls on access to the organizational network should be put in place and antivirus and endpoint monitoring systems to to be implemented, regular security scans for different vulnerabilities in the network. Institutions also also have to take into account leadership in providing education and training programs regarding the regulations and security measures of the institutions.

The Role of DLP and MDM in Securing BYOD

Hence provide a basis for their understanding of the effects of BYOD on network security and support the use of monumental security technologies such as DLP and MDM. These systems assist companies to prevent loss of information through leakage or insisting on data that is sensitive to the organization. These kind of system can safely filter any possible intrusion that may harm the flow of important data within an institution. On the other hand, the best MDM solutions give the IT administration the control over security policies, and activities on the infected device; and if need be, the entire data can be erased from the device. The research also observed that these technologies reduced the number of security breaches in Institutions thereby proving useful in mitigating the risks associated with BYOD. In this way, these tools help the educational institutions create a security solution for the use of own devices in teaching without having to give up all the advantages of using personal devices in such environments.

Methodology

Enlightening the population about the different real security measures necessary for the BYOD environments in the educational institutions was developed based on adopting qualitative as well as the quantitative research approach. It also helped in gaining an overall perspective of the current practices regarding BYOD, the security issues involved and the methods of managing end points [7-12]. the purpose of the study is divided into three broad areas that include; survey on the institutions of education, risk analysis, and framework implementation.

Survey of Educational Institutions

An online questionnaire was administered among education providers such as, primary, high schools, and universities to determine BYOD usage and protocols and mechanisms in implementing the same. To have a variation of responses, the survey was administered to IT administrators, faculties, and students. As previously noted, there were five key areas of consideration in the present study:

- BYOD Adoption Rates: Defining the percentage of organisations for which individuals can use their devices and policies for it.
- **Security Issues:** Charactersitic threats like hacking, unauthorized entry and intrusions, espionage and virus infections.
- Existing Security Policies: Main assessment criterion was to establish whether the institutions in question had documented security policies; if so, how well they implemented them.
- Endpoint Management Practices: Investigating the use of Mobile Device Management (MDM) solutions, firewall configurations, and access control policies.

The data collected was analyzed statistically in order to find a pattern on the effectiveness of different policies, or the lack of it, in preventing security incidents.

Risk Assessment

Subsequently, an analysis was made of the potential risks of BYOD in the education sector to determine these risks based on a survey of the students. This process involved:

- **Risk Assessment:** Enumerating threats like data loss, cyber phishing, computer viruses specifically ransomware, and un-erased vulnerabilities in personal gadgets.
- Threat Identification: Determining the probability of these threats compromising school networks, which have insecure protocols, poor identification methods, absence of encryption, and inadequate or no antivirus.
- **Impact Evaluation:** the threats are categorized according to the severity, extent of data damage, and interference with learning activities.

The applied risk assessment employed a quantitative risk matrix with two parameters which were probability and impact (Table 1).

Table 1: BYOD Risk Assessment Matrix

Risk Type	Likelihood	Impact	Risk Level
Unauthorized Access	High	High	Critical
Phishing Attacks	High	Medium	High
Malware Infections	Medium	High	High
Data Leakage	High	High	Critical
Compliance Violations	Medium	Medium	Moderate

J Eng App Sci Technol, 2025 Volume 7(4): 2-6

Framework Development

Consequently, an effective framework of endpoint management strategy was developed based on the surveys done and the risks identified that would improve BYOD security in the education sector. The following are the elements of the framework that has been developed for the purpose of serving as a guide to practise:

Policy Development and Compliance Enforcement

- Some specific recommendations include development of detailed tabletop policies prescribing the use of the technology, security protocols and conducts expected from users.
- Creating programs that will scan all end-user's devices to make sure they have complied with company's security policies at the physical level.

Technical Controls and Security Enhancements

- Mobile Device Management (MDM) solutions to that extent to keep track and control the security settings through the network.
- Segmentation of the networks in order to have one network for private machines and another for the institutional gadgets so as to prevent cross bridging of the networks.
- Utilization of the multi-factor authentication and the use of encryption in the protection of valuable institutional data.

Continuous Monitoring and Incident Response

- When the suspicious behavior is detected a real time notification can be made to the Intrusion Detection and Prevention Systems (IDPS).
- Among the changes that need to be implemented in order to enhance the organizational information security is setting up an incident response team to manage the vulnerabilities that result to security breaches.

User Education and Awareness Programs

- Hosting presentations with the purpose of updating the students and the staff on the relative security measures that should be taken.
- Using mock phishing cases to conduct exercise of actual phishing and examining the level of users' concern.

Implementation Strategy

This framework was piloted in five educational organisations with different levels of BYOD implementation. The following were the objectives of the pilot:

- Reducing security incidents
- Enhancing compliance with security policies
- Improving overall network security

The findings of the pilot study were then used to adapt the above mentioned framework in order to impact the organisation at large by extending the use of the framework.

BYOD Security Framework for Educational Institutions

The picture depicts an extensive BYOD (Bring Your Own Device) Security Framework that is meant to protect educational institutions from cybersecurity risks related to the use of personal devices. The framework is segmented into four main sections, each depicted using a different color to improve clarity and distinction [13-16]. These sections are Policy Development, Technical Controls, Network Segmentation, and User Education & Awareness. The entire structure is contained in a gray perimeter, which represents that all the security controls together play a part in protecting BYOD environments. Arrows link the sections together, representing how policies, technical controls, network approaches, and awareness programs come together to build an integrated security model.

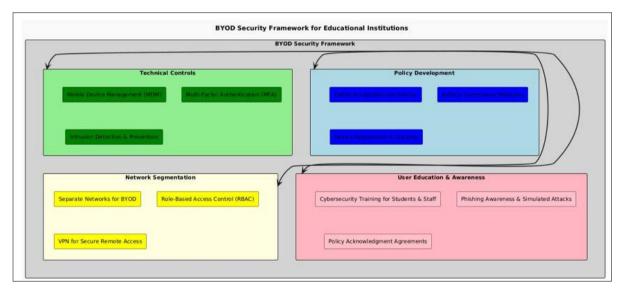


Figure 1: BYOD Security Framework for Educational Institutions

Policy Development

Policy Development module is the one that defines explicit rules and compliance steps for BYOD in educational institutions. This module provides assurance that the personal devices accessed by students and employees are complying with security policies, reducing the risks of unauthorized access, data loss, and non-compliance. It contains three necessary elements:

- Defining Acceptable Use Policies, which define guidelines for ethical and safe device use.
- Enforcing Compliance Measures, by which all participants in BYOD are made to follow institutional security measures.
- Device Registration & Tracking, through which IT administrators are able to keep track of and manage personal devices connecting to the network.

J Eng App Sci Technol, 2025 Volume 7(4): 3-6

The blue-colored boxes in this segment highlight the necessity of policy-enforced measures for avoiding security flaws due to non-regulated access of devices.

Technical Controls

The Technical Controls module offers the technological foundation for BYOD security through automated security solutions. This module ensures endpoint security is ensured by applying:

- Mobile Device Management (MDM) systems, which apply security settings, remotely manage devices, and provide secure access controls.
- Multi-Factor Authentication (MFA) mechanisms, which provide an additional layer of security by demanding multiple authentication factors.
- Intrusion Detection & Prevention (IDP) systems, which monitor network traffic for malicious activities and proactively mitigate threats.

This section, highlighted in light green, focuses on strengthening security through software-based enforcement measures to combat cyber threats such as malware, phishing, and unauthorized access attempts. The darker green box represents Intrusion Detection & Prevention, emphasizing its significance in detecting real-time security breaches.

Network Segmentation

The Network Segmentation module protects personal devices from interfering with institutional networks of high importance, thus minimizing possible attack surfaces. This section comprises:

- Independent Networks for BYOD, which segregate personal devices from administrative and confidential data networks.
- Role-Based Access Control (RBAC), which provides network access based on roles, ensuring limited access to sensitive information.
- VPN for Secure Remote Access, with encrypted connections for remote students and instructors, which avoids data interception.

This light yellow box emphasizes controlled access to avoid network integrity compromise by BYOD. The darker yellow box, symbolizing VPN security, indicates the importance of encrypted communication to safeguard data from cyber-attacks.

User Education & Awareness

The User Education & Awareness module emphasizes human factors of cybersecurity to inform students, staff, and faculty about best practices in security. It encompasses:

- Cybersecurity Training for Students & Staff, which teaches users safe browsing, password handling, and social engineering attacks.
- Phishing Awareness & Simulated Attacks, which condition users to detect and act upon email-based cyber threats.
- Policy Acknowledgment Agreements, assuring all users to formally accept and adhere to security policies.

The light pink hue symbolizes educational efforts, underlining the need for anticipatory security awareness. The gray box contained in this section, symbolizing policy acknowledgment, reinforces that compliance is a matter of institutional responsibility.

This graphical depiction of the BYOD Security Framework delivers an organized methodology for ensuring personal device use within educational institutions. Through the integration of policy enforcement, technical safeguards, network segmentation, and user awareness, institutions can develop a secure and effective learning environment. The interconnectedness of these elements ensures that no one measure is the sole cause of security; instead, an overall effort from IT administrators, faculty, students, and institutional policies must be used to counter cyber threats while developing an innovative learning environment.

Results and Discussion

The findings obtained from the present research help understand the current state of BYOD security in higher education institutions as well as the opportunities as well as the threats linked to BYOD policies implementation [17,18]. Thus, the work highlights the need for a proper endpoint management to address potential security threats and to improve the network security.

Survey Findings

A survey was conducted in several institutions of learning with the aim of conducting an efficacy of the existing BYOD policies and security concerns. The key findings include:

- **BYOD Adoption:** Experience has shown that 80% of the institutions have adopted BYOD policies as they understood the flexibility, relative cost savings, and improve learning outcomes.
- End-point Security Management: Despite that, Of the measures implemented, only 45% of institutions claimed to have proper endpoint security management systems in place irrespective of the endpoint type.
- Security Incidents: To establish an endpoint security plan, it is crucial to assess how vulnerable your institution is regarding the endpoint security system; the survey showed that the institutions without strong endpoint security faced a raise in cyber threats such as data breaches, malware attacks, and even compliance violations.

Common Security Challenges Identified

- **Data Breaches:** Security of institutional data was another alarming issue as over half of the institutions experienced at least one data breach in the past one year. Most of the breaches that took place resulted from poor authentication, insecure devices, and no encryption. Due to the lack of control measures in the network it was easier for unauthorized user to penetrate and exploit the loopholes present in the system.
- Malware Infections: From this survey it was identified that 58% of the institutions had to suffer from virus infections through personnel's own gadgets that were connected to the school networks. These infections resulted mainly by unpatched system, downloads and no installation of antivirus. The use of public Wi-Fi in addition to sharing of files between the students and faculty posed another threat in the spread of malware.
- Compliance Issues: One of the most significant problems faced in institutes was to implement security policies on the multiple devices. That is because students and the teaching staff utilize Windows, macOS, Android, and iOS operating systems equally, which made it challenging to keep everyone synchronous with the current security standards. As many as 60% of students did not even update their devices or gadgets frequently and less than three quarters of them engaged in the use of MFA which increases institution's exposure to cyber criminals.

Proposed Framework

In order to describe the emerged security challenges, as well as to suggest the framework for effective endpoint management in

J Eng App Sci Technol, 2025 Volume 7(4): 4-6

educational institutions, further sections of the study are organized as follows: This framework comprises of four aspects of the intervention:

Policy Development

- Proper policies that should be enacted include policies that dictate the type of devices allowed in organizations or in the workplace, security, and measures for enforcing the compliance of these policies.
- Ensure that access to the system is regulated in order to prevent unauthorized devices from accessing the network.
- Policies should also be in place that calls for mandatory registration of certain endpoints given the need to monitor and control them.

Technical Controls

- Use the MDM to enforce such settings and seating, check on the compliance and even perform a wire wiping in cases where the device is compromised.
- Firewall and IDS should be installed in order to monitor the networks for any signs of abnormal activities.
- Install the program updates and patches automatically to guard against these risks.

Network Segmentation

- Mobile devices must cannot be given direct access to the institutional resources so that there should be two different Wi-Fi networks.
- Implement RBAC, which cancels out any chance of unauthorized users accessing certain systems.
- Virtual Private Networks (VPNs) should be applied for secure remote connections.

User Education and Awareness

- Encourage and attend periodical training to the students and faculty members for practicing security consciousness.
- Promote the usage of phishing awareness programs as a way
 of informing the users how to identify phishers and avoid
 being a target.
- The security policy regarding the use of BYOD must be acknowledged by every BYOD user.

This framework enables the institution to improve on the benefits that come with BYOD while at the same time minimizing on the security threats that come by with it.

Implementation Strategies

This has to be in a stepped format, starting with the main stakeholders, and identification of frequent monitoring and better strategic implementation of an incident response procedure [19-21].

Stakeholder Engagement

- Educators' advice should also be incorporated together with the IT staff, students and parents in the formulation of security policies.
- It is recommended that focus group discussion and feedback should be conducted so as to ensure that the policies to be developed are easy to understand and functional.
- There is a need to establish a technical support team to help clients with the compliance and security issues.

Regular Audits and Monitoring

 Always inspect and assess the preexisting systems used in the firm to look for loopholes in security and then ensure compliance with security measures.

- Some measures that should be taken include: Use of systems that will be able to identify and report any attempt to access the network by unauthorized personnel or any malicious activity on the network.
- Implement tracking software to monitor the compliance level of all the attached devices with adherence to institutional policy.

Incident Response Planning

- Create comprehensive incident response guidelines that will
 enable you to mitigate risks that may arise from a cyber-attack,
 tending to the repercussions that a cyber-attack would have
 on the company's business continuity, leveraging downtime,
 and data loss.
- It should be noted to conduct usual cybersecurity drills so as to be able to examine the performance of the response mechanisms.
- One can add a feedback section from which users can easily report matter of security concerns or any breach.

Table 2: Expected Impact of the Implementation

Security Measure	Before Implementation (%)	After Implementation (Projected) (%)
Security Incidents Reduction	-	70% decrease in data breaches
Compliance with Security Policies	45%	85% compliance with security policies
Malware Infections	58% of institutions affected	Projected 60% reduction in malware incidents

Therefore, by incorporating a structured security mechanism framework, institutions can not only oversee the risks of BYOD but also provide a safe atmosphere for learning while still reaping from the advantages of use of numerous devices in a learning institution.

Conclusion and Future Work

The management of BYOD in learning institutions contains both benefits and downsides. Although BYOD positively affects flexibility, learning customization and cost, it, unfortunately, brings in the danger of outsiders' unauthorized access to institutional networks and information. Thus, the results of the study have revealed that schools do not possess adequate solution for managing endpoints, which can result in data leakage, malware infection, and non-compliance issues. These risks therefore mean that educational institutions need to have a firm security structure that comprises policy implementation, technology measures, network isolation and end user initiatives. Thus, the proper use of MDM solutions, strong authentication, and constant monitoring can definitely decrease cyber threats, whereas learning environment remains safe and efficient.

BYOD security must also should focus on security audit, threat detection, and response plan to ensure constant protection from threats that haunt users in tech-oriented environments. Before developing an effective strategy adoption plan, schools must ensure that all the students, faculty, and IT administrators accept the security protocols as a prerequisite to adopting the implementation plan. The best practices based on the proposed framework can efficiently strike the security and need for modern digital education to make use of outing devices for learning without compromising the network safety.

J Eng App Sci Technol, 2025 Volume 7(4): 5-6

Future Work

Although this research gives a broad view of endpoint management, there must be follow-up research as to new risks of cyber-attacks in new generations of BYOD. The future work includes, incorporating the use of artificial intelligence especially in the area of security since the algorithms of machine learning are already present so as to aid in the identification of threats and the means to control them in real time. Thus, the research of the blockchain-based identification and Zero Trust Architecture (ZTA) in the framework of the BYOD strategy can help to improve the authentication system. Carrying studies out over many years in multiple institutions will also aid in finetuning the security models besides establishing the long-term efficiency of BYOD security frameworks in learning institutions.

References

- Ratchford M, El-Gayar O, Noteboom C, Wang Y (2022) BYOD security issues: A systematic literature review. Information Security Journal: A Global Perspective 31: 253-273
- 2. Palanisamy R, Norman AA, Mat Kiah ML (2022) BYOD policy compliance: Risks and strategies in organizations. Journal of Computer Information Systems 62: 61-72.
- 3. Calias SE, Caoli B, Padilla R, Tum-en J, Bacilio KC, et al. (2024) The Impact of BYOD (Bring Your Own Device) On Network Security: A Literature Review. Southeast Asian Journal of Science and Technology 9: 1-8.
- Kinza Yasar (2024) BYOD (bring your own device). Techtarget https://www.techtarget.com/whatis/definition/ BYOD-bring-your-own-device.
- 5. Wani TA, Mendoza A, Gray K (2020) Hospital bring-your-own-device security challenges and solutions: systematic review of gray literature. JMIR mHealth and uHealth 8: e18175.
- 6. Rah A (2023) Device Management in the Security of "Bring Your Own Device" (BYOD) for the Post-pandemic, Remote Workplace. University of Fairfax https://www.proquest.com/openview/a6c0b5efbd955543b97a58aa7cf338fe/1?cbl=1875 0&diss=y&pq-origsite=gscholar.
- 7. Adane K (2020) Threats introduced by bring your own devices (BYOD) Adoption in an Ethiopian higher educational institution: Solutions to security and privacy. IUP Journal of Information Technology 16: 7-29.
- 8. Zayed K (2016) Information security awareness: managing web, mobile and endpoint security; overcoming the challenges of bring your own device. International Journal of Teaching and Case Studies 7: 271-288.
- 9. Eke CI, Norman AA, Mulenga M (2023) Machine learning

- approach for detecting and combating bring your own device (BYOD) security threats and attacks: a systematic mapping review. Artificial Intelligence Review 56: 8815-8858.
- 10. Wani TA, Mendoza A, Gray K, Smolenaers F (2022) Status of bring-your-own-device (BYOD) security practices in Australian hospitals—a national survey. Health Policy and Technology 11: 100627.
- 11. Sisala S, Othman SH (2020) Developing a Mobile device management (MDM) security metamodel for bring your own devices (BYOD) in hospitals. International Journal of Innovative Computing 10: 33-40.
- 12. Garba AB, Armarego J, Murray D, Kenworthy W (2015) Review of the information security and privacy challenges in Bring Your Own Device (BYOD) environments. Journal of Information privacy and security 11: 38-54.
- 13. Zahadat N, Blessner P, Blackburn T, Olson BA (2015) BYOD security engineering: A framework and its analysis. Computers & Security 55: 81-99.
- 14. Palanisamy R, Norman AA, Mat Kiah L (2022) BYOD security risks and mitigation strategies: insights from IT security experts. Journal of Organizational Computing and Electronic Commerce 31: 320-342.
- 15. Alotaibi B, Almagwashi H (2018) A review of BYOD security challenges, solutions and policy best practices. In 2018 1st International Conference on Computer Applications & Information Security (ICCAIS) 1-6.
- Ali MI, Kaur S, Khamparia A, Gupta D, Kumar S, et al. (2020) Security challenges and cyber forensic ecosystem in IOT driven BYOD environment. IEEE Access 8: 172770-172782.
- 17. Downer K, Bhattacharya M (2015) BYOD security: A new business challenge. In 2015 IEEE International Conference on Smart City/SocialCom/SustainCom (SmartCity) 1128-1133.
- 18. Tanimoto S, Yamada S, Iwashita M, Kobayashi T, Sato H, et al. (2016) Risk assessment of BYOD: Bring your own device. In 2016 IEEE 5th Global Conference on Consumer Electronics 1-4.
- 19. Datta AN, Abhi S, Kumar N (2024) Enhancing BYOD Security: A Risk Assessment Framework for Corporate Resources. In International Conference on Computing and Machine Learning 483-496.
- 20. Shah N, Shankarappa A (2018) Intelligent risk management framework for BYOD. In 2018 IEEE 15th international conference on e-business engineering (ICEBE) 289-293.
- 21. Halim IIA, Buja AG, Idris MSS, Mahat NJ (2023) Implementation of BYOD security policy in Malaysia institutions of higher learning (MIHL): an overview. J. Adv. Res. Appl. Sci. Eng. Technol 33: 1-14.

Copyright: ©2025 Anjan Kumar Gundaboina. This is an open-access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

J Eng App Sci Technol, 2025 Volume 7(4): 6-6