

Security of social networking sites in e-learning in Palestine

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Introduction

The tremendous technical development witnessed by the information and communication technology sector in the last two decades has provided tools, technologies and services that made people around the world as if they were living in one neighborhood, and not a small village as it was thought, and the effects of this communication exceeded what was believed in the political, social, economic and cultural aspects. These technologies are what is known as social networks through which millions of people participate, each according to his interest and inclinations. (Atmezi, 2013, p.: 142).

Recently, social networks have had a great impact on communication and interaction between individuals and society in a way that no one expected. Whereas, sites such as Facebook, Twitter, Google Plus, Google+, YouTube, team and others are used all over the world and increase social networking skills over the Internet. Thus, it is possible to take advantage of the advantages of these networks by using them in education. (Jabour, 2016, p. 10).

In the past few years, especially in light of the Corona pandemic, the role of these networks in education has emerged. Thousands of educational institutions from schools, institutes, colleges and universities all over the world participated in social networks, not to mention the participation of students for the purpose of education, as they benefited from their services within the framework of what is known as education. Built-in, or fully online education.

Hence, the importance of social networks in education has emerged, in that it aims to increase the awareness of faculty members, male and female students, and everyone who has a role in the educational process with social networks in education, so that the exit from the educational process is effective and influential in society and thus contributes to the process of developing teaching and learning.

The world has witnessed that global cyber threats are developing at a rapid pace, and this is accompanied by a rise in the number of data breaches every year. A shocking report from Risk Based Security revealed that a whopping 7.9 billion records were exposed to data breaches in the first nine months of 2019 alone. This number is more than double (112%) the number of records compromised during the same period in 2018. With the scale of the cyber threat expected to grow, International Data Corporation expects global spending on cyber security solutions to reach \$133.7 billion by 2022.

<https://me.kaspersky.com/resource-center/definitions/what-is-cyber-security> (

Governments around the world have responded to the growing cyber threat by providing guidelines to help organizations implement effective cyber security practices. Hence the main problematic of this paper comes to answer the question: What is the importance of raising awareness of digital security for social media in light of e-learning in Palestine? This is done

using the descriptive analytical approach through a review of two pivotal means of social communication and its positive aspects in e-learning, and the second topic: The importance of digital security of social networks.

The first Topic: Social media and its advantages in light of e-learning

Social sites on the World Wide Web are one of the most important technological phenomena in the current century, as the number of their users has increased in recent years to astronomical numbers, and the wide spread of laptops and third-generation phones has contributed to an increase in the attachment and follow-up of users to these social networks. The fast modern lifestyle has also contributed to its spread, as everyone exchanges messages and conversations and shares photos and videos through these networks, due to his preoccupation with real social life. Where social networks are defined: (Social Networks) are websites that are based on specific foundations and work to bring people together and enable them to express themselves, exchange their interests and ideas, and make new friends with people who share their interests. It later developed into specialized means for work purposes, not just social communication, such as Zoom and Teams programs.

Psychology has proven that the process of storing information or linguistic vocabulary by the human mind is determined by the nature of the recipient's psychological state. This idea also found support in Greek philosophy, where Aristotle stressed in his talk about the theory of knowledge the need to adhere to the entertainment dimension during the process of giving lessons. Therefore, these sites will be among the most things that can generate a revolution in the field of education if they are employed in line with the requirements of knowledge and scientific discourse. Students will be more excited, especially when it comes to using social networks in lessons that some may find complicated.

) Al Bayan newspaper <https://www.albayan.ae/science-/education.com> (

The optimal use of social networks in education

In order to benefit from social networks in education, the teacher has a constructive role in the optimal use of these networks in education, and its reflection on students and the educational process in general is summarized in the following points:

Before starting to teach the curriculum, the teacher can create a page on any of the communication sites in which experts and interested students participate, and take their opinions, which helps him determine the content and formulate the objectives.

Conducting interactive discussions on important topics.

Dividing students into groups in the case of cooperative education, such as graduation projects.

Send messages to an individual or group of students through the personal page when needed.

Handing in and receiving homework and other school assignments.

Some social networking tools, such as "comment" or "like" icons, can be used to take students' opinions about the components of the course.

Determine the class that will benefit from the learning process.

Creating a closed page or group that includes only the beneficiary category, with the ability to control whether or not to add new members from outside it.

A clear definition of the group's goals and purpose.

The principles and behaviors organizing the group and the educational process are defined.

Allowing and facilitating sub-groups with optional relative access. (Al-Harbi, 2018, pp. 3-4).

The impact of social media in supporting e-learning (Al-Rashid, 2018)

<https://shms.sa/authoring/43501->

There is a significant correlation in the degree of reliance on social networking sites in teaching and learning between students and professors.

Education through social networking sites makes it easier for students to access information sources.

Education through social networking sites makes it easier for professors to teach subjects.

Education through social networking sites creates a collaborative social learning environment.

As the use of social media in education provides students with the opportunity to obtain more valuable information, and to connect with learning groups and other educational systems that make education a convenient process. Social networks also provide students and institutions with multiple opportunities to improve their learning styles. Through these networks, they can integrate social media plugins that enable engagement and engagement. Students can take advantage of online lessons and resources that are shared through social networks and learning management systems. Where you can connect with experts on topics via social media.

The great thing about using social media is that you can quickly see who the experts are in certain areas and the topics they are writing on. When you start following these experts, you can

learn more and gain useful content from them, and this often leads to great results.. Like in communicating with academic institutions with students via YouTube and Facebook.

Colleges have the ability to communicate with students through social media networks such as Facebook, Google Plus groups, and YouTube. These channels can be used to deliver campus news, post announcements and provide students with useful information. This builds a participatory relationship between the college and students that can help address many student issues through group interactions.

Institutions can share supportive and positive posts that reach all students who participate in their networks and pages. For example, you can take the initiative to hash tag a specific topic on social media to engage students and open discussions online. Such initiatives are usually helpful. Video is a prominent tool in social media trends that are effective and you can use it to share useful videos that inspire students and develop their creative strategies and productivity skills. and help them with their school subjects. Through social media such as YouTube, Facebook or Instagram, relationships between students and the institution can be maintained. It is recommended that the process be selective when it comes to which social platforms can be used to achieve best practices. It also facilitates the search process in the different positions.

Enhancement of Learning Management Systems Most learning management systems come with social media as an integrated part of the system and in an integrated manner, and this prompts immediate interaction between users and the system. It enhances student participation and makes it easier for staff to collaborate. These systems exist to address issues related to learning and teaching in order to improve education plans. It is beneficial for organizations to use popular learning management systems that integrate with social media to maximize reach and influence through the system. The benefits of social learning are many such as: organizing live conferences, managing a webinar, reviewing group posts, blogging and much more.

)(Hayek, Hiam, 2017

<http://blog.naseej.com/%D8%A7%D9%84%D8%B4%D8%A8%D9%83%D8>

The second axis: The importance of digital security of social networks

The term "digital security" or "digital security" refers to all those different and multiple ways whose purpose is to protect Internet accounts related to the computer and protect files from intrusion or interference and intrusion by external (unauthorized) users. (<https://www.cisecurity.org/>) The concept of cyber security also refers to a set of technical and administrative measures that include the processes and mechanisms that are taken to prevent any unintended or unauthorized interference with espionage or hacking to use or misuse of electronic information and data on Communication and information systems, as well as ensuring the security, protection, confidentiality and privacy of citizens' personal data. It also includes the continuity of work to protect computer equipment, information and communication systems and services from any change or damage (Mustafa, 2011, p. 12).

The importance of cyber security (digital security)

The importance of cyber security is based on securing critical information of the importance of both countries and individuals at risk, penetration and seizure in order to maintain national security and preserve and protect the confidentiality and privacy of citizens' personal data. Especially since this type of attack in light of e-learning includes criminal acts related to the processing of data of a personal nature without obtaining a prior authorization or license that allows the processing, and the creation of information of a personal nature for persons who are not entitled to view it. (Shaloush, 2018, p. 8).

Digital Security Objectives (Mustafa, 2011, p. 35)

Enhancing the protection of operational technology systems at all levels, their hardware and software components, the services they provide and the data they contain.

Addressing information security attacks and incidents targeting government agencies, public and private sector institutions, and individuals.

Providing a secure and reliable environment for transactions in the information society.

The resilience of sensitive infrastructures to cyber attacks.

Provide the necessary requirements to reduce risks and cybercrime targeting users.

Eliminate weaknesses in computer systems and mobile devices of all kinds.

Filling gaps in information security systems.

Resist malware, which aims to cause severe harm to users.

Reducing espionage and electronic sabotage at the level of government and individuals.

How to digital protection in light of e-learning in an interview with Akram Al-Jariri, a researcher specializing in digital security, Birzeit University 09/25/2021

Don't post too much personal information

Take advantage of the privacy settings on the sites

Beware of strange and fake accounts

Beware of links

Pay close attention to the password

Don't associate your accounts with untrusted apps and read the privacy settings of each app.

Use a separate email

Strong password - think of the password and not a word, and more than 18 letters or numbers

Two-factor authentication process - two steps to login -. Make sure to enable 2-Step Verification now for all accounts

Using unsafe apps to share information will put you and others at risk

Using a secure email will help you protect the information you share with others

Prevent malware that may be sent to you in order to infect your device and spy on you

Your phone or computer must not be without a strong password to lock the screen - do not use a face or handprint or anything else (remember: Password(

Beware of suspicious links or links that may be used to target you

Up-to-date applications and operating system: This means taking advantage of the latest security patches.

Using antivirus software will detect and remove threats. Keep your software up-to-date for the best level of protection.

Don't open email attachments from senders you don't know: they may be infected with malware. Don't open any links in emails from senders you don't know or on unknown websites: this is a common way to spread malware.

Avoid using unsecured WiFi networks in public places: Unsecured networks put you at risk of middleware attacks.

Conclusion

In light of the spread of the Corona pandemic and the transformation of education to e-learning and distance learning, despite the advantages and benefits, it was accompanied by these features and many phenomena that affected social security, most notably the phenomenon of electronic extortion or what is known as hacking (which is resentment over personal information and devices to cause material damage Or moral, as with the spread of the use of technology and the accompanying programs that became available to everyone, and in addition to electronic bullying, the phenomenon of taking over the personal account through social media has emerged, especially in light of the students joining study groups through these accounts for university students, and the matter did not stop at that, but It was transgressed to school students, where it was noticed that a large number of accounts on the team website were stolen by others, storming the classroom and broadcasting clips or songs that contradict morals and societal morals, which confirms the importance of digital security in protecting ourselves. That is, our behavior in dealing with these applications is what determines the degree of our protection, which indicates the importance of raising awareness, especially for young people, about dealing with these applications. Digital safety to protect their digital lives in general and educational applications on the other hand, which contributes to providing digital protection for them, their relatives, and their children, especially in light of digital decay and the expansion of the use of malicious applications for the purpose of harm and harm. In the event that he was subjected to fraud or theft of his accounts, as the law guarantees the cybercrime law the appropriate punishment for this category, which aims to harm others.

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