

Students' Perceptions of Information Security in Online Platforms

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Abstract

In academic institutions, e-learning platforms are widely used to manage learning contents, assessments, and student communication and act as a primary system for all learning needs. During Covid-19, online learning was the only medium of instruction used to teach students due to public health concerns. The world noticed the increased activity of identity theft, individual and institutional content theft, and ransom attacks in many educational institutions since most students were using digital technologies to learn, and information, including personal and intellectual content, was being shared online. E-learning platform providers often prioritize speedy delivery and deployment of learning solutions, which may result in inadequate attention to the security and privacy of personal information. The study aims to identify college students' perceptions of information security regarding online learning platforms. The global COVID-19 pandemic accelerated online learning methods, making it more critical for institutions to pay more attention to cybersecurity and ransom attacks. The results from this study will facilitate an understanding of students' confidence in the learning platforms and their level of knowledge related to information security while using the internet. The result of this study can help e-learning platform providers with insight into perceptions of their solutions, which ultimately can help them to create safer and more secure solutions that protect the integrity of information shared.

Keywords

E-learning, COVID-19, Pandemic, Information, Integrity