

General Awareness of Teenagers in Information Security

Authors : Magdaléna Náplavová, Tomáš Ludík, Petr Hruža, František Božek

Abstract : The use of IT equipment has become a part of every day. However, each device that is part of cyberspace should be secured against unauthorized use. It is very important to know the basics of these security devices, but also the basics of safe conduct their owners. This information should be part of every curriculum computer science education in primary and secondary schools. Therefore, the work focuses on the education of pupils in primary and secondary schools on the Internet. Analysis of the current state describes approaches to the education of pupils in security issues on the Internet. The paper presents a questionnaire-based survey which was carried out in the Czech Republic, whose task was to ascertain the level of opinion pupils in primary and secondary schools on the issue of communication in social networks. The research showed that awareness of socio-pathological phenomena on the Internet environment is very low. Based on the results it was proposed appropriate ways of teaching to this issue and its inclusion a proposal of curriculum for primary and secondary schools.

Keywords : information security, cyber space, general awareness, questionnaire, socio-pathological phenomena, educational system

Conference Title : ICSET 2014 : International Conference on Software Engineering and Technology

Conference Location : London, United Kingdom

Conference Dates : November 28-29, 2014