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Ivan Sydorчук,

Research supervisor: Andrii Pukas

Candidate of Technical Sciences, Associate Professor

Language tutor: Inna Shylinska

Candidate of Pedagogical Sciences, Associate Professor

Ternopil National Economic University

SECURITY ON THE WEB

The Internet is a very useful resource of information for people. Everyone can use it for researching, viewing funny videos, listening to music, communicating with other people. So, we have access to the world, but that access can also pose hazards. That's why, it is important to be aware of security on the web. This problem was investigated by such researchers as: Juanita Ellis, Tim Speed and others.

The number of internet users continues to grow. Throughout the world governments and organizations have expressed concerns about the safety of people using the Internet. Safer Internet Day is celebrated worldwide in February to raise awareness about security.

Unauthorized access and usage of private information may result in such consequences as identity theft, as well as theft of property. Common causes of information security breaches include: phishing, internet scams, malware.

Phishing is a form of fraud in which an attacker masquerades as a reputable entity or person in email or other communication channels. The attacker uses phishing emails to distribute malicious links or attachments that can perform a variety of functions, including the extraction of login credentials or account information from victims.

Nobody wants to fall prey to a phishing scam. Phishing scams have been around practically since the inception of the Internet, and they will not disappear any time soon. Fortunately, there are ways to avoid becoming a victim yourself. Here are basic guidelines in keeping yourself safe: use firewalls and antivirus software, furthermore never give out personal information. Internet scams are schemes that deceive the user in various ways in attempt to

take advantage of them. Internet scams often aim at cheating the victim of personal property directly rather than personal information through false promises, confidence tricks and more.

Malware (malicious software) are programs designed to infiltrate or damage your computer, for example viruses, worms, Trojans and spyware. A virus can enter a PC via a disc drive – if you insert an infected disc – or via the Internet. A worm is a self-copying program that spreads through e-mail attachments; it replicates itself and sends a copy to everyone in an address book. A Trojan horse is disguised as a useful program; it may affect data security.

Spyware collects information from your PC without your consent. Most spyware and adware (software that allows pop-ups – that is, advertisements that suddenly appear on your screen) is included with ‘free’ downloads.

If you want to protect your PC, don’t open e-mail attachments from strangers and take care when downloading files from the Web. Remember to update your anti-virus software as often as possible, since new viruses are being created all the time.

Thus, Internet Security is very important. People get addicted to Internet very easily. Internet is tempting; we don't know when we started browsing and when we finished. We have to be aware before every our step in the Internet. If all people protected themselves and use the right software, they would be much safer, and it would be harder to have personal information stolen from them. Anyone using the internet should take into consideration this information will help them in the future to protect their information and maintain security. Some people use Internet for illegal activities leading to Cyber crime, they will be jailed or fined according to the regional laws and for the kind of crime they did.

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