CZECH UNIVERSITY OF LIFE SCIENCES PRAGUE

Faculty of Economics and Management

Evaluation of the Bachelor Thesis by supervisor

Thesis Title	**Comparative analysis of best practices in cyber security for the prevention of Grey and Black hat hacking**
Name of the student	**Grace Zita Zavrel**
Thesis supervisor	**John Phillip Sabou, Ph.D.**
Department	**Department of Information Technologies**

Logical process being used	1	**2**	3	4
The structure of paragraphs and chapters	1	2	**3**	4
Formal presentation of the work, the overall impression	1	2	**3**	4
Formulation of objectives and Choice of appropriatemethods and methodology used	1	2	**3**	4
Work with data and information	1	2	**3**	4
Work with scientific literature (quotations, norms)	1	**2**	3	4
Clarity and professionalism of expression in the thesis	1	**2**	3	4
Summary and key-words comply with the content the thesis	**1**	2	3	4
Fulfillment of objectives, formulation of conclusions	1	2	**3**	4
Comprehensibility of the text and level of language	**1**	2	3	4
Evaluation of the work by grade (1, 2, 3, 4)				**3**

Evaluation: 1 = the best

Date 06/04/2023

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Supervisor signature

Other comments or suggestions:

The primary aim of this thesis is to identify the best practices in cyber security and determine which are the most beneficial in the defense against hackers. It also covers proactive usage for defending against Grey hat and Black hat hackers to discover the best way in which everyday users can protect themselves and their data.

The aims of the research are articulated in the research question:

RQ1: Which practices can be applied to provide casual computer users with enhanced cyber-security threat mitigation?

The author concluded that the most prevalent practice in cyber security, which simultaneously provides the greatest benefits to the protection of one's personal or company computer, is education. It has also been concluded that a hacker's motivation is generally financial, and their success is reliant on user errors which enable them to find breaches in a system which they then exploit for monetary gain. More so than any other solution, education is the clearest path toward improving everyday users' cyber security.

Questions for the committee: Given the findings, what best practices are the most effective for the protection of an organization's data? How do you distinguish between 'best practices' and digital literacy (education)? What prerequisites should students have were they to take a course on digital literacy/cyberthreats awareness?

Plagiarism control: The system Theses.cz has not assessed the thesis as suspicious.

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