



Diploma Thesis Evaluation Form

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Title: Ethical Hacking and Cyber Security in Nigeria Telecommunication
Industry: Issues and Solution

Programme/year: NP_MISS, 22/23

Author of Evaluation (supervisor/external assessor): Dr. Petr Spelda

Criteria	Definition	Maximum	Points
Major Criteria			
	Research question, definition of objectives	10	6
	Theoretical/conceptual framework	30	20
	Methodology, analysis, argument	40	30
<i>Total</i>		80	56
Minor Criteria			
	Sources	10	5
	Style	5	3
	Formal requirements	5	2
<i>Total</i>		20	10
TOTAL		100	66



Evaluation

Major criteria:

The thesis deals with an unsatisfactory state of cybersecurity in the telecommunication industry in Nigeria. Literature review contains basic information on ethical hacking and stays mostly on the surface of the issue without attempting to build a strong foundation for the empirical analysis. Also, some subsections are rather unfocused, e.g., the subsection on cybercrime changes its focus to cybersecurity countermeasures. On the other hand, the diagnosis of Nigeria's telco sector and its cybersecurity issues is interesting.

Theoretical framework is focused on introducing ethical hacking and a sociotechnical approach to building communication infrastructures. For some reason, the framework is incorporated into the literature review section. This is a significant research design flaw.

Methodology is based on collecting questionnaire answers and interpreting trends identified in data. The methodology section is confusing. It describes several techniques, some of which do not seem to be applied. It is very hard to assess the actual translation of methodology to empirical analysis, since the thesis suffers from underreporting or not reporting at all important implementation details. For example, no details are provided on the cohort of people whose response serve as the basis of the analysis.

Finally, the interpretation of findings is rather descriptive and does not try to synthesize the findings with existing results or issues mentioned in the literature review section.

Minor criteria:

There are several formal and formatting issues. Also, the thesis uses several, long direct quotations, which, even if referenced, should have been paraphrased and cited. This is not plagiarism per se but a poor handling of academic sources. The thesis also lacks an abstract. The number of cited works is low.



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Based on the anti-plagiarism software checks, it is formally confirmed that the submitted thesis is original and, to the best of my knowledge and belief, does not, in an ethically unacceptable manner, draw from the works of other authors.

Overall evaluation:

Overall, the issue is indeed important and introduced in a way that shows its significance. However, the research design suffers from several profound flaws that limit the thesis to reiterating responses from collected questionnaires. Despite these issues, I recommend the thesis for defence.



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Suggested grade: D1 (66)

Signature