

THE SUPERVISOR'S OPINION ON THE DISSERTATION DEFENSE

Doctoral student: Muhammad Hemin Akram

Title of the dissertation: Protection of Privacy Information in E-Government

Academic year: 2023/2024

Hemin Akram Muhammad started the part-time form of doctoral studies at the Faculty of Applied Informatics of the Tomas Bata University in Zlín in 2019 as a student of the Degree Program P3902 / Engineering Informatics with the supervisor assoc. prof. Ludek Lukas. In 2021, he passed the state doctoral exam. After a tragic event, I became the new supervisor.


In his dissertation, he focused on the issues of personal data protection in E-Government and its application within the selected region in the context of the proposed model. The focus, the content part, and the contributions resulting from the work significantly expand the current state of knowledge and have a high potential to influence the security community and the current challenges of security sciences and research. As part of his professional activity, he devoted considerable effort to promoting the importance of E-Government and the need for personal data protection.

The aim of the conducted research is, among other things, to respond to concerns and obstacles that affect the security of personal data in E-government. With regard to the majority of security challenges, there is a proposal of the E-government model, considering the aspect of personal data protection. The proposed model includes methods that will enable the governments of developing countries to increase the level of personal data protection in the legal, social, organizational and technical fields.

The proposal and application of a new method for the model relevance assessment, using SOAR (Strengths, Opportunities, Aspirations, and Results) analysis to assess individual phases in combination with the Analytical Hierarchy Process (AHP) to determine the applicability of the model, can be considered beneficial at the same time. The conclusions of the work show that the model is suitable for practical application. It can therefore state the applicability of the proposed model and its suitability for building E-government in developing countries.

The quality of the submitted dissertation convinced me that doctoral student is able to grasp the scientific problem correctly, choose appropriate and logical scientific methods of solution with regard to the practical needs of the study program.

By assessing the originality and the degree of plagiarism, I concluded that due to the maximum degree of agreement (3%), the work is not plagiarized.



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By analyzing other facts, I concluded that the doctoral student Hemin Akram Muhammad demonstrated the ability of independent creative work and therefore, in accordance with the provisions of § 47 of Act No. 111/1998 Coll. about universities, I recommend the work for the defense and, based on a successful defense, I propose to award the scientific title of philosophiae doctor (Ph.D.).

V Zlíně, on May 23, 2024

doc. Ing. Martin Hromada, Ph.D.
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