

REVIEWER'S OPINION OF FINAL THESIS

I. IDENTIFICATION DATA

Thesis name: Privacy Management System for Specific User Groups

Author's name: Alexandru-Victor Macocian

Type of thesis: master

Faculty/Institute: Faculty of Electrical Engineering (FEE)

Department: Dept. of Measurement

Thesis supervisor: doc. Ing. Miroslav Bureš, PhD **Supervisor's department:** Dept. of Computer Science

II. EVALUATION OF INDIVIDUAL CRITERIA

Assignment challenging

Evaluation of thesis difficulty of assignment.

In the thesis, student deals with relatively complex project of data privacy for elderly users. Considering the overlap of this field to several technical areas, my opinion is that the thesis assignment is challenging.

Satisfaction of assignment

fulfilled

Assess that handed thesis meets assignment. Present points of assignment that fell short or were extended. Try to assess importance, impact or cause of each shortcoming.

I consider the assignment as fulfilled. In the thesis, student presents a prototype that satisfies the required functionality and properties.

Technical level B - very good.

Assess level of thesis specialty, use of knowledge gained by study and by expert literature, use of sources and data gained by experience.

As I already mentioned in the "assignment" section, student solved complex assignment, which composed of three principal areas: a specialized authentication mechanism for elderly users, a special identity management to access the applications and integration of these two components to desktop environment. The result is a functional prototype, which was tested with a group of five potential users. I consider the technical level of the prototype as fully adequate and I would like to emphasize usefulness of the solved project and its special relevance for today's elderly users.

However, in the text part of the thesis, the student has lost the opportunity to present the prototype and its extent (and undoubtedly its internal complexity) in the manner that will explain the potential reader the real extent of his work. The text part is rather brief and the right idea about the real size of the project arises after more thorough reading.

Formal and language level, scope of thesis

C - good.

Assess correctness of usage of formal notation. Assess typographical and language arrangement of thesis.

Formal level of the thesis is good, I have not found any major flaws during reading of the text. I would only recommend proofread of the text and usage of recommended LaTeX template for theses at FEE CTU.

Selection of sources, citation correctness

B - very good.

Present your opinion to student's activity when obtaining and using study materials for thesis creation. Characterize selection of sources. Assess that student used all relevant sources. Verify that all used elements are correctly distinguished from own results and thoughts. Assess that citation ethics has not been breached and that all bibliographic citations are complete and in accordance with citation convention and standards.

I consider selection of 12 sources as adequate for diploma thesis. Student cites relevant sources. During reading of the text, I have not found any violation of citation ethics. A minor note to the journal paper indexed as [6]: in the bibliographic record,



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student abbreviates surnames of the authors to one letter, which is rather extraordinary citation style.

III. OVERALL EVALUATION, QUESTIONS FOR DEFENSE, CLASSIFICATION SUGGESTION

To conclude, I appreciate very useful goal of the project and its relevance. The presented prototype is adequate and fulfills the thesis assignment. Text part of the thesis can be extended to present all the work student actually performed during the project.

A question: Do you plan to continue in this project after defense of your thesis and if yes, what your future plans are?

I evaluate handed thesis with classification grade **B** - **very good**.

Date: **5.6.2019** Signature: