

Supervisor's statement of a final thesis

Czech Technical University in Prague

Faculty of Information Technology

Student: Jan Kusý
Supervisor: Ing. Alexandru Moucha, Ph.D.
Thesis title: Implementace a konfigurace řešení pro automatickou autentizaci do wifi sítě pomocí mobilní aplikace pro Android
Branch of the study: Information Technology (Bachelor)

Date: 8. 6. 2015

1. Difficulty and other comments on the assignment	<i>The evaluation scale: 1 to 5.</i> 1 = extremely challenging assignment, 2 = rather difficult assignment, 3 = assignment of average difficulty, 4 = easier, but still sufficient assignment, 5 = insufficient assignment
<i>Criteria description:</i> Characterize this final thesis in detail and its relationships to previous or current projects. Comment what is difficult about this thesis (in case of a more difficult thesis, you may overlook some shortcomings that you would not in case of an easy assignment, and on the contrary, with an easy assignment those shortcomings should be evaluated more strictly.) <i>Comments:</i> The student had to implement a different and possibly more useful way people can access free resources on a free wifi network, without the help of a captive portal. It is a different approach a company (entity) can deliver limited information to a user on a wifi network.	
2. Fulfilment of the assignment	<i>The evaluation scale: 1 to 4.</i> 1 = assignment fulfilled, 2 = assignment fulfilled with minor objections, 3 = assignment fulfilled with major objections, 4 = assignment not fulfilled
<i>Criteria description:</i> Assess whether the thesis meets the assignment statement. In Comments indicate parts of the assignment that have not been fulfilled, completely or partially, or extensions of the thesis beyond the original assignment. If the assignment was not completely fulfilled, try to assess the importance, impact, and possibly also the reason of the insufficiencies. <i>Comments:</i> The student had this idea on his own and implemented it from scratch.	
3. Size of the main written part	<i>The evaluation scale: 1 to 4.</i> 1 = meets the criteria, 2 = meets the criteria with minor objections, 3 = meets the criteria with major objections, 4 = does not meet the criteria
<i>Criteria description:</i> Evaluate the adequacy of the extent of the final thesis, considering its content and the size of the written part, i.e. that all parts of the thesis are rich on information and the text does not contain unnecessary parts. <i>Comments:</i> The size of the work corresponds to the level required for a bachelor thesis.	
4. Factual and logical level of the thesis	<i>The evaluation scale: 0 to 100 points (grade A to F).</i> 90 (A)
<i>Criteria description:</i> Assess whether the thesis is correct as to the facts or if there are factual errors and inaccuracies. Evaluate further the logical structure of the thesis, links among the chapters, and the comprehensibility of the text for a reader. <i>Comments:</i> The student had to implement and configure a lot of subsystems in order to make this idea work. He had to take a lot of decisions and manage his work in such a way that it can be delivered on time.	
5. Formal level of the thesis	<i>The evaluation scale: 0 to 100 points (grade A to F).</i> 90 (A)
<i>Criteria description:</i> Assess the correctness of formalisms used in the thesis, the typographical and linguistic aspects, see Dean's Directive No. 12/2014, Article 3. <i>Comments:</i> Excellent presentation of the idea and the implementation..	
6. Bibliography	<i>The evaluation scale: 0 to 100 points (grade A to F).</i> 90 (A)
<i>Criteria description:</i> Evaluate the student's activity in acquisition and use of studying materials in his thesis. Characterize the choice of the sources. Discuss whether the student used all relevant sources, or whether he tried to solve problems that were already solved. Verify that all elements taken from other sources are properly differentiated from his own results and contributions. Comment if there was a possible violation of the citation ethics and if the bibliographical references are complete and in compliance with citation standards.	

Comments:

Excellent work with documentation for implementing the subsystems.

Evaluation criterion:

The evaluation scale: 0 to 100 points (grade A to F).

7. Evaluation of results, publication outputs and awards

90 (A)

Criteria description:

Comment on the achieved level of major results of the thesis and indicate whether the main results of the thesis extend published state-of-the-art results and/or bring completely new findings. Assess the quality and functionality of hardware or software solutions. Alternatively, evaluate whether the software or source code that was not created by the student himself was used in accordance with the license terms and copyright. Comment on possible publication output or awards related to the thesis.

Comments:

The results are more an experiment rather than new scientific results.

Evaluation criterion:

No evaluation scale.

8. Applicability of the results

Criteria description:

Indicate the potential of using the results of the thesis in practice.

Comments:

The potential for the work is very good, however more things have to be done until the project can have commercial applications. I value the fact that the student saw a market niche that can be covered and started on this path. This is the way successful economic activities are made.

The work is more a proof of concept and I find it very interesting.

Evaluation criterion:

The evaluation scale: 1 to 5.

9. Activity and self-reliance of the student

9a:

1 = excellent activity,

2 = very good activity,

3 = average activity,

4 = weaker, but still sufficient activity,

5 = insufficient activity

9b:

1 = excellent self-reliance,

2 = very good self-reliance,

3 = average self-reliance,

4 = weaker, but still sufficient self-reliance,

5 = insufficient self-reliance.

Criteria description:

Review student's activity while working on this final thesis, student's punctuality when meeting the deadlines and consulting continuously and also, student's preparedness for these consultations. Furthermore, review student's independency.

Comments:

Excellent collaboration with the student.

Evaluation criterion:

The evaluation scale: 0 to 100 points (grade A to F).

10. The overall evaluation

90 (A)

Criteria description:

Summarize the parts of the thesis that had major impact on your evaluation. The overall evaluation **does not** have to be the arithmetic mean or any other formula with the values from the previous evaluation criteria 1 to 9.

Comments:

For the work I would give mark B (regarding its size and difficulty). Because of the fact that the student had his own interesting idea and started the steps necessary for actually implementing it makes me reward this courage and perseverance by an excellent mark A.

Signature of the supervisor: