

# Supervisor's statement of a final thesis

Czech Technical University in Prague

Faculty of Information Technology

**Student:** Dmitry Vanyagin  
**Supervisor:** Ing. Petr Pulc  
**Thesis title:** Adobe Premiere Pro Plugin for NARRA  
**Branch of the study:** Software Engineering (Bachelor)

**Date:** 26. 5. 2015

<p><i>Evaluation criterion:</i></p> <p><b>1. Difficulty and other comments on the assignment</b></p> <p><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.)</p> <p><i>Comments:</i> Thesis is based on a poorly documented functions of Adobe Premiere Pro video editing software and currently in-development cloud service NARRA. Therefore the student had to make multiple huge changes throughout development, even a programming language had to be changed.</p>	<p><i>The evaluation scale: 1 to 5.</i></p> <p><b>1 = extremely challenging assignment,</b> <b>2 = rather difficult assignment,</b> 3 = assignment of average difficulty, 4 = easier, but still sufficient assignment, 5 = insufficient assignment</p>
<p><i>Evaluation criterion:</i></p> <p><b>2. Fulfilment of the assignment</b></p> <p><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.</p> <p><i>Comments:</i> All tasks were fulfilled, however some of them could have been discussed and presented in more detail. For example the design of user interfaces could have been discussed bit more, possibly showing prototypes, and also tested. On the other hand, the limited implementation of metadata synchronisation is completely consistent with the assignment. We have to consider that all communication models had to be proposed, not implemented.</p>	<p><i>The evaluation scale: 1 to 4.</i></p> <p><b>1 = assignment fulfilled,</b> <b>2 = assignment fulfilled with minor objections,</b> 3 = assignment fulfilled with major objections, 4 = assignment not fulfilled</p>
<p><i>Evaluation criterion:</i></p> <p><b>3. Size of the main written part</b></p> <p><i>Criteria description:</i> Compare the size of the written part with the expected size (without appendices), see the Dean's Directive No. 9/2011, Article 3. To evaluate the thesis it is also important that all parts of the written part are rich on information and necessary for a final thesis. The text should not contain unnecessary parts.</p> <p><i>Comments:</i> Length of the thesis is sufficient and all parts are rich in content. The only subsection that is included only for broad context purposes is the comparison of SOAP and REST. Even though only RESTful API is provided by NARRA.</p>	<p><i>The evaluation scale: 1 to 4.</i></p> <p><b>1 = meets the criteria,</b> 2 = meets the criteria with minor objections, 3 = meets the criteria with major objections, 4 = does not meet the criteria</p>
<p><i>Evaluation criterion:</i></p> <p><b>4. Factual and logical level of the thesis</b></p> <p><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.</p> <p><i>Comments:</i> The thesis contains no serious misconceptions as far as I am concerned. The structure of the text had dealt with the multitude of arising problems successfully for most of the time. Still, the differentiation between considered and finally realised concept could have been a bit better.</p>	<p><i>The evaluation scale: 0 to 100 points (grade A to F).</i></p> <p>90 (A)</p>
<p><i>Evaluation criterion:</i></p> <p><b>5. Formal level of the thesis</b></p> <p><i>Criteria description:</i> Assess the correctness of formalisms used in the thesis, the typographical and linguistic aspects, see Dean's Directive No. 9/2011, Article 3.</p>	<p><i>The evaluation scale: 0 to 100 points (grade A to F).</i></p> <p>95 (A)</p>

*Comments:*

The thesis contains only few insignificant grammar mistakes (missing articles) and very subtle typography offences.

*Evaluation criterion:*

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

**6. Bibliography**

85 (B)

*Criteria description:*

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:*

The work with bibliography was a bit above average. Because of non-existing documentation for Adobe Premiere Pro CC Panel SDK, it would make sense to create such a documentation, publish it separately and refer to it.

Sadly, authorship of few parts is not clearly distinguishable.

*Evaluation criterion:*

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

**7. Evaluation of results, publication outputs and awards**

92 (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:*

Result of students' individual work overcome my expectations. The created extension is functional and is very open to be extended in functionality. However this would be a matter of much deeper communication with editors actually using the tool and cannot be in scope of this thesis.

*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 extension can be used (as is) in courses taught on FAMU. With minor changes required by the needs of Open Narrative creators it can become an integral part of NARRA platform.

*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:*

The activity had been a bit lower when the major problem of SDK switch occurred, however the student was very active during the implementation phase.

*Evaluation criterion:*

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

**10. The overall evaluation**

93 (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:*

The structure of the thesis and the final outcome in form of a working extension overcome my expectations. The student had adapted quickly and without much trouble to new problems arising during the analytics, made as clear and extensible implementation as possible, and provided the self-contained package compatible with Adobe Extension Manager.

Signature of the supervisor: