



Supervisor's statement of a final thesis

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Thesis title: Extensions of SoundPi project by social aspects and machine learning integration
Branch / specialization: Web and Software Engineering
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Evaluation criteria

1. Fulfillment of the assignment

- ▶ [1] assignment fulfilled
- [2] assignment fulfilled with minor objections
- [3] assignment fulfilled with major objections
- [4] assignment not fulfilled

I am pretty sure, the assignment of the thesis was fulfilled. All particular extensions were implemented in sufficient quality.

2. Main written part

65 /100 (D)

The thesis is logically well structured. The text itself is well-readable and it describes individual tasks in appropriate level of expertise.

Unfortunately, there is missing context information about the content at the beginning of individual chapters, so it is sometimes harder for the reader to orient himself in the text.

Really problematic is the formal aspect of the text.

The author used the recommended latex template to write the thesis, which is fine, on the other hand, he mostly missed all positive aspects and benefits of the latex system.

During the consultations, I gave the author basic ideas for example how to use the `\cite` command and I navigated him to samples of a thesis containing labels for figures and references to them, for example. Probably there was not enough time or motivation to apply it f.

3. Non-written part, attachments

82 /100 (B)

All implementation parts were done and described in good quality. Some snapshots from the application and also a protocol of run unit test should document the implementation a little bit better.

4. Evaluation of results, publication outputs and awards

75 /100 (C)

The result of the thesis is extended and hence a more usable application. The author does not publish any ideas about the future of the app.

5. Activity of the student

- [1] excellent activity
- [2] very good activity
- [3] average activity
- ▶ [4] **weaker, but still sufficient activity**
- [5] insufficient activity

We set regular weekly based consultations for the last two or three months. Mostly the tasks from the previous consultation were done in good quality. But I felt somehow the student expected yet more detailed step-to-step leading instead of being more active. Maybe it was caused also by the parallel job of the student.

6. Self-reliance of the student

- [1] excellent self-reliance
- [2] very good self-reliance
- ▶ [3] **average self-reliance**
- [4] weaker, but still sufficient self-reliance
- [5] insufficient self-reliance

The student was able to study and implement a particular task he got on the consultation. The same holds even for working with the latex system.

The overall evaluation

69 /100 (D)

Expected analytical and implementation tasks of the thesis were fulfilled. Also, the quality of the text relatively increased during the last three weeks before the thesis post. Unfortunately, there was not enough time and maybe a motivation to correct so obvious formatting related things like omitting the list of figures (if they are not referred from the text and has no labels, which they should) or Appendix if it is without the content. It is a pity, it was not much work. For this reason, my evaluation of the thesis is D, 69 points, which is closed to C.

Instructions

Fulfillment of the assignment

Assess whether the submitted FT defines the objectives sufficiently and in line with the assignment; whether the objectives are formulated correctly and fulfilled sufficiently. In the comment, specify the points of the assignment that have not been met, assess the severity, impact, and, if appropriate, also the cause of the deficiencies. If the assignment differs substantially from the standards for the FT or if the student has developed the FT beyond the assignment, describe the way it got reflected on the quality of the assignment's fulfilment and the way it affected your final evaluation.

Main written part

Evaluate whether the extent of the FT is adequate to its content and scope: are all the parts of the FT contentful and necessary? Next, consider whether the submitted FT is actually correct – are there factual errors or inaccuracies?

Evaluate the logical structure of the FT, the thematic flow between chapters and whether the text is comprehensible to the reader. Assess whether the formal notations in the FT are used correctly. Assess the typographic and language aspects of the FT, follow the Dean's Directive No. 52/2021, Art. 3.

Evaluate whether the relevant sources are properly used, quoted and cited. Verify that all quotes are properly distinguished from the results achieved in the FT, thus, that the citation ethics has not been violated and that the citations are complete and in accordance with citation practices and standards. Finally, evaluate whether the software and other copyrighted works have been used in accordance with their license terms.

Non-written part, attachments

Depending on the nature of the FT, comment on the non-written part of the thesis. For example: SW work – the overall quality of the program. Is the technology used (from the development to deployment) suitable and adequate? HW – functional sample. Evaluate the technology and tools used. Research and experimental work – repeatability of the experiment.

Evaluation of results, publication outputs and awards

Depending on the nature of the thesis, estimate whether the thesis results could be deployed in practice; alternatively, evaluate whether the results of the FT extend the already published/known results or whether they bring in completely new findings.

Activity of the student

From your experience with the course of the work on the thesis and its outcome, review the student's activity while working on the thesis, his/her punctuality when meeting the deadlines and whether he/she consulted you as he/she went along and also, whether he/she was well prepared for these consultations.

Self-reliance of the student

From your experience with the course of the work on the thesis and its outcome, assess the student's ability to develop independent creative work.

The overall evaluation

Summarize which of the aspects of the FT affected your grading process the most. The overall grade does not need to be an arithmetic mean (or other value) calculated from the evaluation in the previous criteria. Generally, a well-fulfilled assignment is assessed by grade A.