



Review report of a final thesis

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Thesis title: Logik desktop application
Branch / specialization: Software Engineering 2021
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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

In my opinion, the assignment is fulfilled in all points. The output is a thesis describing the process of designing and implementing the game app in Unity 3D and also the implemented game project itself.

2. Main written part 90/100 (A)

Main written part deals with the software engineering approach to game development in Unity 3D. There is quite good analysis of other game implementations, project requirements and use cases. The design chapter describes the process of designing the app including the analysis of used technologies, user interface and class structure. The implementation chapter seems ok. The section dealing with game testing could be longer but it describes all necessary information.

The thesis has good structure and is easy to read. I haven't found mistakes or typos. All important pieces of information are well cited.

3. Non-written part, attachments 90/100 (A)

The non-written part of the project consists of the Unity 3D game. It seems well designed and implemented. No remarks here.

4. Evaluation of results, publication outputs and awards 85 /100 (B)

The thesis deals with yet another implementation of the game. However, it incorporates several improvements and expansions. The project is a good study material for learning Unity 3D.

The overall evaluation 90 /100 (A)

I believe that the thesis is suited for the defense and I evaluate it with the grade A.

Questions for the defense

1. In the non-functional requirements, it says that the project should be implemented in C# in Unity 3D. Why do you analyze C++ and Java also?
2. Do you plan to release your implementation of the game to the public or is it just a school project?

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.

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.