

I. IDENTIFICATION DATA

Thesis title:	Tactile models for older adults with vision imparments
Author's name:	Dina Chernova
Type of thesis :	master
Faculty/Institute:	Faculty of Electrical Engineering (FEE)
Department:	Department of Computer Graphics and Interaction
Thesis reviewer:	Václav Rechtberger
Reviewer's department:	Department of Computer Science

II. EVALUATION OF INDIVIDUAL CRITERIA

Assignment	ordinarily challenging
<i>How demanding was the assigned project?</i>	
The project was the most demanding from a time management point of view because many participants were employed in user experience testing. Designing and optimizing the whole pipeline was a challenging task as well.	

Fulfilment of assignment	fulfilled
<i>How well does the thesis fulfil the assigned task? Have the primary goals been achieved? Which assigned tasks have been incompletely covered, and which parts of the thesis are overextended? Justify your answer.</i>	
The assigned task was fulfilled.	

Methodology	correct
<i>Comment on the correctness of the approach and/or the solution methods.</i>	
Everything is correct.	

Technical level	B - very good.
<i>Is the thesis technically sound? How well did the student employ expertise in the field of his/her field of study? Does the student explain clearly what he/she has done?</i>	
The thesis sounds technically well. As the thesis was made under Department of Computer Graphics and Interaction the expertise was made properly. The only minor problem I found out is that abbreviations are sometimes used before they are set (e.g. UCD on page 5) and some abbreviations are not even set (e.g. SIFT on page 26). Quality (or format) of some figures is chosen improperly (e.g. Figure 2.3 on page 13).	

Formal and language level, scope of thesis	A - excellent.
<i>Are formalisms and notations used properly? Is the thesis organized in a logical way? Is the thesis sufficiently extensive? Is the thesis well-presented? Is the language clear and understandable? Is the English satisfactory?</i>	
The language level is excellent.	

Selection of sources, citation correctness	A - excellent.
<i>Does the thesis make adequate reference to earlier work on the topic? Was the selection of sources adequate? Is the student's original work clearly distinguished from earlier work in the field? Do the bibliographic citations meet the standards?</i>	

Student used enough of sources and cited them correctly.

Additional commentary and evaluation (optional)

Comment on the overall quality of the thesis, its novelty and its impact on the field, its strengths and weaknesses, the utility of the solution that is presented, the theoretical/formal level, the student's skillfulness, etc.

Orientation and navigation of blind people or just people with low vision in unknown places is really serious problem, so I think that works like this are really helpful.

III. OVERALL EVALUATION, QUESTIONS FOR THE PRESENTATION AND DEFENSE OF THE THESIS, SUGGESTED GRADE

Summarize your opinion on the thesis and explain your final grading. Pose questions that should be answered during the presentation and defense of the student's work.

- How your proposed approach can deal with buildings that having walls of rounded shape?
- Why you did not define points and angles from where capture the photos? I think it could simplify the process and make it more automatic. Or am I wrong? Why did you decide to use random pictures?
- Can some of the pipeline steps be further automatized?

The grade that I award for the thesis is

Date:

Signature: