Supervisor assessment of Master's Thesis

Student: Kubíček Martin, Bc.
Title: Creating a Depth Map of Eye Iris in Visible Spectrum (id 22566)
Supervisor: Drahanský Martin, prof. Ing., Dipl.-Ing., Ph.D., UITS FIT VUT

1. **Assignment comments**
   I consider the assignment of this diploma thesis to be moderate. The work follows the research activities of the team in the field of ocular characteristics recognition. All assignment points have been met. Although I would expect that the methodology from point 6 will be in a separate chapter and not scattered in more chapters, however some guidance on the iris sensing could be found in the thesis. Other implementation points are fine, but I expected a more sophisticated software tool for macro image stacking of the iris, which would clearly work in most cases.
2. **Literature usage**
   The student used the recommended literature by the supervisor and found other sources by his own. All sources listed are used according to citation practices.
3. **Assignment activity, consultation, communication**
   Mr. Kubicek was on average active during the project, but there could have been more consultations. There was a time when I didn't even know about him, the activity increased at the end. There were not many consultations within the extra time, but the expected additions were discussed and clearly formulated. All consultations were well prepared and he arrived on time.
4. **Assignment finalisation**
   In the first submission of the project, although the text part arrived by e-mail before submission deadline, it wasn't enough in advance to make any changes. The solution was not presented to me, i.e. I did not know what the source codes and databases are. In the second submission of the project, the final version was not discussed with me and the source codes were not presented to me. However, the database was submitted on time and I could see the results.
5. **Publications, awards**
   No publication activity or awards are known to me.
6. **Total assessment** **satisfactory (D)**
   The work is moderately difficult, consultations have taken place, but very little, the final text section and database have been submitted to me, but very shortly before the deadline, the algorithms (including functionality) have not been shown at all. Overall, I consider Mr. Kubicek's approach with the final evaluation **satisfactory** (**D**).

In Brno 19. August 2019

Drahanský Martin, prof. Ing., Dipl.-Ing., Ph.D.
supervisor