

Supervisor assessment of Bachelor's Thesis

Student: Charvát Michal

Title: Detection of People in Room Using Low-Cost Thermal Imaging Camera (id 21293)

Supervisor: Dražanský Martin, prof. Ing., Dipl.-Ing., Ph.D., UITS FIT VUT

1. Assignment comments

I consider the assignment of this bachelor thesis as more difficult. This follows up on the previous cooperation with the University of Applied Sciences Vorarlberg in the field of people monitoring in the room. All points of the assignment have been fulfilled. I am very satisfied with the achieved results.

2. Literature usage

The student has found all the study literature by himself. All the sources are up to date and relevant to the work. Mr. Charvát cites the sources in accordance with the citation policy.

3. Assignment activity, consultation, communication

Mr. Charvát worked on this project during his study visit at the University of Applied Sciences Vorarlberg in the scope of Erasmus+ program. He worked very actively and unassisted all the time. He kept me informed about the progress and the achieved results, including the complications that occurred during the solution.

4. Assignment finalisation

The work has been completed in advance and its final content has been consulted with me.

5. Publications, awards

The results were presented at the conference "uDay-XVI - Assistenztechnologien in der Arbeitswelt" in Dornbirn (Austria) in June 2018. The presentation was very successful and met with a huge response. Various institutions have shown interest in the results. I strongly recommend that the work will continue and bring the product to the industrial version.

6. Total assessment

excellent (A)

Since I am not only very satisfied with the work and the achieved results, but also with Mr. Charvat's approach to solving this project, and even have a very positive response from Austria, I propose the final grade **excellent (A)**.

In Brno 1. August 2018

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signature