Supervisor assessment of Bachelor's Thesis

Student: Lapšanský Simon

Title: Detection and Recognition of Drone Movement in Video (id 25109)

Supervisor: Drahanský Martin, prof. Ing., Dipl.-Ing., Ph.D., DITS FIT BUT

1. Assignment comments
I consider the assignment of this bachelor's thesis to be moderately difficult, as it is possible to find not only inspirative solutions, but also datasets. Assignment has been fulfilled. Only the second point is slightly problematic, but the student is not much responsible for that, because at the time of the covid it was not possible to organize the originally planned acquirement of the dataset and then the soldiers with whom the acquirement was planned to take place did not have free time. Let this be an excuse for not perfectly fulfilled point 2.

2. Literature usage
Mr. Lapšanský used the recommended study resources by the supervisor, but at the same time found others on his own. These are relevant to the work itself and are up to date.

3. Assignment activity, consultation, communication
As already mentioned in the first point of this review, Mr. Lapšanský was very dependent on the dates created together with the Czech army. It was originally promised that the acquirement of videos of drones would take place in the military area with the participation of soldiers, but due to various restrictions and other (especially time) limitations, this did not happen in the end. The student's activity was initially rather waiting and low, but it increased with the end approaching. The consultations were irregular and rather electronic, but always factual.

4. Assignment finalisation
The implementation part of the work was completed well in advance and was shown to me. Due to lack of time, I didn't have time to go through the text part thoroughly.

5. Publications, awards
I do not know any publishing activity or the awards connected to this work.

6. Total assessment   **good (C)**
Given the average difficulty of the assignment, the slightly below-average student activity and the solution, which in no way exceeds the limits of exceptionality, I propose an overall grade of **C**.

In Brno 2 June 2022

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