

## Supervisor assessment of Bachelor's Thesis

**Student:** Novotný Mlinárcsik Martin

**Title:** Detection of Pathological Findings in Videos from Bronchial Pathways (id 24849)

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

### 1. Assignment comments

I consider the assignment difficulty of this bachelor's thesis to be above-average, as it involved the detection of initially unknown forms of pathology, i.e. unexplored data from an innovative solution created within our group for the General University Hospital in Prague. Although the assignment was fulfilled in all respects, the quality of the solution does not correspond to what I expected. In defense of the student, I must point out that it was an experimental device that did not supply sufficient quality data from the bronchoscope, so the input data for processing had very low quality.

### 2. Literature usage

The student used the recommended literary sources by the supervisor, and he found others on their own, which can be considered relevant to the topic of the work.

### 3. Assignment activity, consultation, communication

Initially, Mr. Novotný Mlinárcsik was very active, but with the end of his work his activity declined. At the end there were no consultations any more. However, the student was properly prepared for all consultations.

### 4. Assignment finalisation

The work was completed in advance, but I did not see its final version before submission.

### 5. Publications, awards

I do not know the publishing activity or the awards.

### 6. Total assessment

**good (C)**

Although the assignment was more demanding and the student is excused for the lack of quality input data, the student's activity was declining and the final solution is rather average. Therefore, I propose an overall grade of **C**.

In Brno 1 June 2022

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