

Review of Bachelor's Thesis

Student: Piwowarski Lukáš
Title: Surveillance Video Search (id 22439)
Reviewer: Ali Anas, Ing., DCGM FIT BUT

- 1. Assignment complexity** **average assignment**
This is a very demanding task in the field of automatic surveillance. However the realized system works with very simple scenarios only, it would benefit for more real-world video search cases.
- 2. Completeness of assignment requirements** **assignment fulfilled**
The work fully meets the stated and expected goals.
- 3. Length of technical report** **in usual extent**
The main text of the thesis has 40 pages (without references) and contains all expected parts.
- 4. Presentation level of technical report** **90 p. (A)**
The presentation side of the thesis is excellent, the text has a clear and logical structure and it is accessible even to layman readers.
- 5. Formal aspects of technical report** **90 p. (A)**
The work is written in excellent English, the formal and typographic quality of the text is very high.
- 6. Literature usage** **80 p. (B)**
The work with literature is at a very good level. The student studied many relevant scientific publications - journal papers and conference contributions.
- 7. Implementation results** **80 p. (B)**
The quality of the resulting software system is very high, the code is well documented and the components that are not implemented by the student are clearly identified.
- 8. Utilizability of results**
The outputs of the work can serve as a good basis for the implementation and testing of other algorithms and inputs in the field of surveillance search.
- 9. Questions for defence**
Explain why did you choose to use the particular detectors and trackers in your implementation? What would be the alternatives?
- 10. Total assessment** **85 p. very good (B)**
The proposed work is demanding in real applications, although there is no actual example or use cases of the system. The work is written in excellent English and is well accessible to layman users.

In Brno 24 June 2020

Ali Anas, Ing.
reviewer