Review of Bachelor's Thesis

Student: Vašš Adam
Title: Topic Identification from Spoken TED-Talks (id 22509)
Reviewer: Ondel Lucas, Mgr., UPGM FIT VUT

1. Assignment complexity   **more demanding assignment**
The difficulty resides mostly in the use of the speech recognition toolkit (Kaldi).

2. Completeness of assignment requirements   **assignment fulfilled**
The student has successfully built an ASR and a topic identification system. Furthermore, he has connected both to build a topic identification system for spoken documents.

3. Length of technical report   **within minimum requirements**
The thesis has improved a lot since the last version:
* The introduction of the problem is better formulated

* the description of the ASR component is more consistent
* the document has a more coherent structure

4. Presentation level of technical report   **69 p. (D)**
The document is properly structured but would need a better description of the TID task and system implementation.

5. Formal aspects of technical report   **60 p. (D)**
Much better since the last version. However, the work is sometimes more "literary" than technical. Also, it hasn't been properly proofread and corrected.

6. Literature usage   **75 p. (C)**
The citations are appropriate

7. Implementation results   **80 p. (B)**
The student has used the state of art system for both ASR and TID.

8. Utilizability of results
This work uses several state of the art techniques and apply them to a publicly available dataset. Despite having no novelty, this work is interesting as it could serve as a baseline for research in topic identification of spoken documents.

9. Questions for defence
* How to describe in a few sentences the main components of the ASR system?
* How to analyze the results of the topic identification system? Is there any comparable results already published on similar corpus? * Why the results from the ASR-TID system are sometimes better than the text based TID system.

10. Total assessment   **70 p. good (C)**
The student has successfully built ASR and TID systems and merged them together.

In Brno 19. August 2019

Ondel Lucas, Mgr.
reviewer