

## Supervisor assessment of Bachelor's Thesis

**Student:** Vašš Adam  
**Title:** Topic Identification from Spoken TED-Talks (id 22509)  
**Supervisor:** Kesiraju Santosh, UPGM FIT VUT

### 1. Assignment comments

The thesis work is considered moderately difficult, and it includes certain modules such as building automatic speech recognition system that require understanding.

The task also requires analyzing the data and creating topic ID annotations for TED talks by aggregating the tags - this could lead to building a standardized topic ID labels for TED talks.

### 2. Literature usage

1. Basic building blocks of ASR systems are explained clearly with the help of block diagrams, equations and examples.

2. The choice and explanation of topic ID classifiers is explained satisfactorily.

3. Implementation details are concise

### 3. Assignment activity, consultation, communication

The student was moderately active during the beginning of the project and was more active towards the end. The student was well prepared for the consultations.

### 4. Assignment finalisation

The student managed to finish the requirements of the work, especially the writing part now looks satisfactory.

### 5. Publications, awards

One of the possibilities of the work is to release (in the form of publication) topic annotations and baseline systems for TED talks. Since a significant portion of the work is done, it is possible to publish an article after some fine-tuning.

### 6. Total assessment

**satisfactory (D)**

Satisfied with:

1. Analysis of data and preparation of topic ID annotations for TED talks.
2. Explanation of building blocks of ASR systems
3. Understanding of topic ID classifiers.
4. Implementation of baseline topic ID systems.

In Brno 16. August 2019

Kesiraju Santosh  
supervisor