Review of Bachelor's Thesis

Student: Boboš Dominik
Title: Detection of Pre-Recorded Messages in Speech (id 22504)
Reviewer: Matějka Pavel, Ing., Ph.D., DCGM FIT BUT

1.   Assignment complexity
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more demanding assignment
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The task is difficult because

1. It involves dataset creation.
2. It requires the student to understand and use many different methods.

2.   Completeness of assignment requirements
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assignment fulfilled
</div>

All assignments were fulfilled.

3.   Length of technical report
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in usual extent
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The thesis seems to meet the minimum requirement. Moreover, the thesis is written in a concise way so that every page is very informative.

4.   Presentation level of technical report
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95 p. (A)
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Generally, the thesis is well organized and easy to read. The results of the experiments are presented in appropriate detail. There is only one thing I would change: when displaying several graphs next to each other, it is always good to keep the same scale on the axes, start and end for better and faster comparison between graphs.

5.   Formal aspects of technical report
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97 p. (A)
</div>

Overall the thesis is very good in this respect. There are only minor typos which do not limit the comprehensibility of the work. English is very good and it is easy to read

6.   Literature usage
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95 p. (A)
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The student has used already known techniques and toolkits and cite them on appropriate positions. Where ever I was expecting citation it was there.

7.   Implementation results
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90 p. (A)
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The experiments are carefully planned, systematic and properly evaluated. The experimental set-up is well documented. Speed of the system is addressed as well. There are presented techniques which speed up the system with minor error increase.

8.   Utilizability of results

The results are useful in a building full complex system for for example callcenter, where they have to analyze whole pipeline.

9.   Questions for defence
1. There is diarization mentioned in the conclusion as the possible way of solving this issue. Can you name positive and negative aspects of this approach?
2. You run the experiments on the simulated data. Can you guess the performance on the real data. Did you try to run it on few real recordings?

10. Total assessment
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92 p. excellent (A)
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I enjoyed reading your thesis. The English is very nice and the results nicely described. Sometimes there was too much theory. Thank you!

In Brno 4 June 2021

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Matějka Pavel, Ing., Ph.D.
reviewer
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