

CS 458/535 - Natural Language Processing

Project Title

Your Name(s)
ID(s)

Use a lot of diagrams to describe the problem and your proposed solution.

1 Problem Statement

Clear and concise statement of the problem ... a diagram describing the problem

2 Motivation

Why is this problem interesting? Also add a running example in this section.

3 Background

What do the readers need to know to understand the problem?

4 Related Work

What has already been done?

Include references to specific (recent) papers, like [1]. And other works being done locally [2].

5 Proposed Work

What exactly do you plan to implement (using a diagram), and how exactly do you plan to do it?

6 Evaluation Methodology

How do you plan to evaluate your implementation?

7 Hypothesis

What do you hope your experiment/study will show?

8 Proposed Timeline

The tentative weekly timeline giving concrete milestones would be as follows. Modify the following timeline for your project.

- **October 3:** This proposal.
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- **October 10:** Familiarization with ...
- **October 17:** Implementation of ...
- **October 30:**
- **November 7:**
- **November 14:** Evaluation in progress.
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- **November 21:** Complete experiments.
- **November 27:** Writing report.
- **December 5:** Presentation and Final report due.

References

- [1] Mubashar Nazar Awan and Mirza Omer Beg. Top-rank: a topical position rank for extraction and classification of keyphrases in text. *Computer Speech & Language*, 65:101–116, 2021.
- [2] Saad Naeem, Majid Iqbal, Muhammad Saqib, Muhammad Saad, Muhammad Soban Raza, Zaid Ali, Naveed Akhtar, Mirza Omer Beg, Waseem Shahzad, and Muhammad Umair Arshad. Subspace gaussian mixture model for continuous urdu speech recognition using kald. In *2020 14th International Conference on Open Source Systems and Technologies (ICOSST)*, pages 1–7. IEEE, 2020.