Your project title here
< GroupName >
Final Report

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Abstract

A brief summary of your project. The abstract should only summarize what you did in the project, i.e. do not include general information on the problem or previous work. Try not to exceed 10 lines. Some general guidelines for this final report: 6 pages, due June 7th on odtuclass.

Implementation: The code and other supplementary material (i.e. data, documentation etc.) are available at < link to your github repo >.

1 Introduction

Like in the papers you presented, first describe the "big" problem that your project was motivated for. Then describe the "small" problem that you dealt with in this course project. Include a brief description of your project. Provide some motivation for your project: why is it interesting? Does it have any practical significance? What are the highlights of your project? Also, give an outline for the rest of the project report.

2 Related Work

Same as your progress report. Add new references if there are any.

3 System Architecture

Depending on your project you may add/delete/update the following subsection titles. Give as much detail as you can to describe the architecture and implementation of your system. A diagram, flowchart, dataflow or any figure to visualize your architecture must be included.

3.1 Data Preprocessing

Describe your document corpus. What is the size of your corpus? (number of documents, tokes, words, average number of words/document etc.) Which preprocessing steps did you implement?

3.2 Indexing component

What is your IR model? What do you store in the dictionary? What do you store in the postings? Do you have any additional indexes? (e.g. for meta-data, or wild-card querying etc.) How did you implement the index?

3.3 Query Processing/Searching component

Explain query parsing, use of indexes to process the query. Do you provide ranked results? Which tools do you use to process the queries? Do you implement query expansion?

3.4 User Interface

Describe the interface to input queries and list the results. Do you support phrase queries, wildcard queries, proximity operators? How do you present query results? Are results ranked? Do you implement relevance feedback?

4 Evaluation

Discuss the usefulness of your system. What experiments have you done to evaluate the effectiveness of your system? Which evaluation metrics are appropriate for your system? What are the results of the evaluation?

5 Conclusion

Give a very brief summary of the implementation of your system. Discuss what you have achieved with respect to your initial proposal. Discuss what you haven't/couldn't do with respect to your proposal. As a possible future work, discuss what else could be done to improve your system. Finally tell us about your reflections about doing this project (e.g. How much effort did you put into this project? Was is challenging? What difficulties did you have in doing this project? Was the project helpful to contribute your understanding of the course material?)

References