

Assignment 1: Indexing

Nicolai Dahl Blicher-Petersen and Daniel Jonathan Smith
{s3441163, s3361789}@student.rmit.edu.au

RMIT

1 Ranked Retrieval

Create a plain text (or PDF) file called report.txt (or report.pdf). Create a heading called “Ranked Retrieval” in your report file. In this section you should:

- Explain your implementation of the BM25 similarity function.
- Clearly describe how you process a query of one or more terms.
- Explain the algorithms and data structures that you have used.

This section should be no longer than one and a half pages. For all questions that involve writing a report, you must remember to cite any sources (including books, research papers, course notes, etc.) that you referred to while designing aspects of your programs.

2 Advanced IR Feature

In your report file, create a heading “Advanced IR Feature”. In this section, you should explain:

- Your chosen advanced IR feature. This must include a clear description of what you are aiming to achieve. You must include a reference to at least one research paper that you have referred to as part of your design.
- A detailed explanation of how you implemented the feature. This section should be no longer than one and a half pages.

Bibliography