

Information Retrieval

Final Project

- You are required to implement a search system to perform the main parts (searching, evaluation and ranking) of the search system.
- The system should generate random 4 documents with random letters (A-Z) as document contents.
- You can search through main searching algorithms (Boolean Search, statical model).
- You can measure the query according to all documents using (cosine similarity, Jaccard method).
- Rank the documents related to your query using (Query Likelihood Model, Jelinek – Mercer Smoothing with corresponding parameter).
- You can evaluate your system in precision, recall, F-measure, and Rank Power.

Notes:

- Any Programming language is required for the project.
- The project will be done by a team (up to 5 members)
- **Deadline:** (11 may to 16 may)