

APT Search Engine Project Submission

Team Members:

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Algorithms Used:

Crawler:

- URL Normalization

Indexer:

- Tokenization
- Stop Word Removal
- Stemming
- Term Weighting

Ranker:

- Page Ranking
- Sorting by Rank
- Autocomplete on Collection Generated by User Queries

Features:

1. Search Auto Completion
 2. Search by Voice Recognition
 3. Pagination
 4. Simple UI
 5. Phrase Search by Originals Words
 6. Ignore Special Characters While Phrase Searching
 7. Spring Boot Framework Deals with Mongo in Ranker
 8. Indexer Auto Increment
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Workload Distribution:

- **Ahmed Bassem:**
Ranker
UI
 - **Abdelrahman Mohamed:**
Crawler
 - **Mohamed Yasser:**
Indexer
Phrase Searching
Query Processing
 - **Mustafa Tarek:**
Indexer
Phrase Searching
Query Processing
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