Cairo University

Faculty of Engineering

Credit Hours System

(CCE-C)

CMPN 306 - Advanced Programming Techniques

Search Engine Project

Performance Analysis

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- **How many simultaneous search requests can your solution handle?**
  - infinite

- **How is the latency of your solution affected by the number of simultaneous search requests?**
  - Depends on (rank latency+search latency)*number of simultaneous requests

- **How is the search request latency of your solution affected by the number of web pages crawled?**
  - Depends on number of results found in the crawled webpages
  - Approx 1 second per 1000 webpage

- **How is the search request latency of your solution affected by the size of the index table?**
  - Approx 1 second per 1000 result

- **How is the search request latency of your solution affected by the ranking process?**
  - Approx 0.01 second per 1000 result