1. Introduction
   1. Focus of the Search Engine – Matthew
   2. Architecture of the Search Engine – Subahasis
   3. Responsibilities
      1. Crawler – Stephen
      2. Index/Relevance Models - Ram
      3. User Interface – Subahasis
      4. Query Expansion – Matthew
      5. Clustering – Wyatt

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| Responsibility | Solution |
| What you learned? | {Everyone fills this out} |
| What was your experience? |  |
| What were difficulties you faced? |  |
| How did you resolve them? |  |

1. Crawling – Stephen
   1. How many webpages gathered
   2. How the webpages were gathered
   3. how he passed the collection to index creation
   4. describe clearly how many webpages were crawled in the search engine
   5. details of the webpages that were crawled
   6. how were duplicates handled
   7. how was hyper link information provided to the students that generated the index and the relevance model
2. Indexing and Relevance
   1. How you assembled the index
   2. include a picture of how you assembled the index
   3. describe the web graph and how it was constructed
      1. Give statistics (see project template)
   4. show how information from the web graph was connected to the graph
   5. describe in detail two relevance models that you created and provide the weighting schemes that you have used
   6. give an example topic based page ranks computed
   7. discuss the hits score and show which webpages have obtained the largest score
   8. how interaction with user interface in generating queries to test the relevance models and to display the results of your search engine
      1. State clearly how many queries you have used,
      2. how you have generated them
      3. how you have judged the results of your relevance models
   9. Collaboration with clustering to improve relevance models
3. User Interface
   1. Design of user interface
   2. how you have worked with the student that has generated the index – how you have accessed the relevance models to provide the results in you user interface
   3. number of queries you have used for testing the search engine.
      1. How many were used in collaboration with the student that built the relevance models and how many did you generate on your own.
   4. collaborate with the student that produced clusters
      1. how use the clustering information for relevance and presentation on the interface
   5. How do you think you search engine compares to Google and Bing.
      1. Explain your judgments.
   6. how did you use the results of clustering in presenting the results of your search engine in the user interface
   7. how you have decided to select the queries for the demonstration of your search engine
   8. Provide three examples of the queries and the results produced by your search engine, as well as the results of Google and Bing.
4. Clustering