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## CS 597 – Special Topics: Information Retrieval

### Final Paper

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#### Guidance for your final paper

##### General specifications for your paper

- Turn in a paper describing your work that is well-written and professionally presented as if you were going to submit it for publication
- Paper cannot be longer than 8 pages
- Use the ACM SIGIR style (templates available at <http://www.acm.org/sigs/publications/proceedings-templates>).

##### Expectations

- The paper should enhance your project proposal by addressing any feedback provided by the instructor and/or peers during class presentations and progress meetings.
- The paper should provide details of your actual solution (which might differ somewhat from your original proposal)
- You should include in your paper the details of the empirical studies conducted to demonstrate the correctness of your solution
- Overall, your final paper should tell a compelling *story* and place your work in the *context* of the (applicable) field(s), succinctly and accurately *explain* your approach, provide *results* and *analysis*, discuss your *contributions*, and provide *conclusions* and *future work*.
- Remember:
  - It is very possible that you will find it challenging to accomplish all of this in 8 pages; however, that is what you must do (and the act of doing so will likely result in a better presentation of your work).

##### Suggested outline

- Title and author
- Abstract: ½ column
- Introduction: 1 ½ columns
- Related Work: 1 column
- Methodology: 3 pages
- Validation: 2 pages
- Conclusions and Future Work: half a column to ¾ of a column
- Bibliography: 1 to 1 ½ column

##### Proposal for Service Learning Project

If you are following the service-learning route for your paper, you still need to present a final paper. In your case, your related work and validation sections might be shorter, as you will be expected to provide details of your proposed solution and corresponding developed software.

#### Deadline

A hard copy of your paper is due by the beginning of class on April 30<sup>th</sup>

(Students working on the service learning option for the class project should have a fully-working version of the expected software by the same deadline)