Special Topics in Computer Engineering - Web Mining

Class Project/ Presentation

Instructor: Ass. Prof. Dr. Mehmet Aktaş
Class Project/ Presentation

Class Project: (%20)

- You will select at least 3 papers (journal or conference/workshop) papers and carefully study them.

- These three papers must be from the same topics. The topics for the papers are given below.
  - 1) Web crawling (Topical Crawlers, Traditional Crawlers, etc...)
  - 2) Web IR and Search (Indexing, Ranking, etc...),
  - 4) Link Analysis (PageRank, HITS, etc...),
  - 5) Web Usage Mining (Collaborative filtering ...)
  - ...

- Conference Papers should be from IEEE or ACM Conferences. Journal Papers should be from Science Citation Indexed (SCI-Indexed) Paper.
The Project Paper

- Deadline is the first date of presentations. All students will submit their papers by then. (Deadline TBA)
- The report will be 8 pages long. The font will be 12-point, the spacing will be single spacing, single column.
- It will be formatted as a standard research paper with numbered sections and subsections and reasonable margins.
- Your paper must include citations in the body of the text to any papers you consulted that helped you to write your paper.
- Use the papers you have read as a guideline!
The Project Paper Selection

Your Task
- Find at least three different papers that are likely have very different presentations and perspectives. However, the papers should be in similar topics.
- Come up with a framework in which you can discuss these papers. Organize the discussion of three different systems.

Not To Do!
- Write three abstracts and glue them together with transition sentences. If you encountered such a paper in your reading, you would likely consider it to be a waste of your time to read, so we will also reject that approach.

Suggested Approach
- Find a taxonomy for the paper (identify of the main aspects of the system, algorithm, paradigm, or model of the target). The taxonomy, once developed, can be the organizing basis for a discussion of the three systems.
Class Project/ Presentation

- The Project Presentation
  - The presentation will be around 15 minutes.
  - Presentations in the similar topics will be held on the same day. Possibly, we will have 5 student-team presentations per day.
  - You will be expected to attend the class presentations. Your attendance to class presentation will effect %5 of your project grade.
  - You will send your presentation to class e-mail a day before your presentation.