Computer Engineering Department
Bilkent University

CS533
Spring 2010
Term Project Timeline
March 17, 2010
April 30, 2010 Updated

Project Pointers: Major step with Deadline (all class time, exceptions are indicated)

1. March 29, 2010; Monday: Declare your partners and tentative project topic. Expected group size is four students (there are 25 students in the class so I expect to have 6 to 8 groups). Exceptions, with justification, are possible.

2. April 12, 2010; Monday: One-two page project plan which involves a) description of the problem, b) motivation/importance, c) methodology, d) expected results, e) references. I understand that as the project progresses there can be deviations from this preliminary description.

3. May 10, 2010; Monday by 5:00 pm ~~May 3, 2010; Monday~~: A short manuscript in the form of ACM Conference poster papers (http://www.sigir2009.org/Calls/posters, ~2 pages): more detailed form of the items defined in step 2 and your progress so far. Make sure that it has everything: nice title, abstract, keywords, ACM categories, introduction, … references.

4. May 3, 5, 10, 12, 2010; 2x (Monday-Wednesday) (as needed): Project presentations (please bring a handout to the classroom). There will be a peer evaluation for each project presentation. Please note that you cannot skip your classmates' presentations; attendance is mandatory.

5. May 24, 2010, Monday by noon time: Project report in the form of ACM conference papers (http://www.sigir2009.org/Calls/papers, ~8 pages). It involves submission of the developed programs with a short report for the programs (their structure, etc.). No need to exaggerate, a short program report is enough. You may be required to do a demo.

6. Possible topics (I plan to provide more details later, I may change the list and am open to your suggestions):

   a. Social maps of Orhan Pamuk novels

   b. A stylometric analysis of James Joyce's Ulysses (contains 18 episodes)

   c. Text categorization for Turkish news

   d. N-gram based Turkish information retrieval

   e. Extension of a named entity recognizer for Turkish

   f. Tagging Turkish news pictures (something that involves pictures)

   g. Sentiment analysis in Turkish (for news articles or products like cellular phones)

   h. Incremental clustering

   i. Fuzzy and/or parallel clustering