Computer Engineering Department
Bilkent University

CS533
Spring 2011
Term Project Timeline
March 21, 2011

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

1. April 4, 2011; Monday: Declare your partners and tentative project topic. Expected group size is four students (there are 23 students in the class so I expect to have 6 groups). Exceptions, with justification, are possible.

2. April 18, 2011; 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 5, 2011; Thursday by 5:00 pm: A short manuscript in the form of ACM Conference poster papers (http://www.acm.org/sigs/publications/proceedings-templates, ~2 pages): more detailed form of the items defined in step 2 and your progress so far. Make sure that it has everything: a nice truthful title, abstract, keywords, ACM categories, introduction, … references.

4. May 9, 12, 2011; (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 23, 2011, Monday by noon time: Project report in the form of ACM conference papers (http://www.acm.org/sigs/publications/proceedings-templates, ~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 am open to your suggestions):

    a. Social networks of Orhan Pamuk novels
    b. A stylometric analysis of James Joyce's Ulysses (contains 18 episodes)
    c. Tagging Turkish news pictures (something that involves pictures)
    d. Sentiment analysis in Turkish (for news articles or products like cellular phones or literary works)
    e. Fuzzy and/or parallel clustering
    f. Location-based information retrieval
    g. Predicting the number of web pages that mention a certain name and how it changes with time
    h. Implementation of a specialized crawler (can use an existing crawler, e.g. extending Larbin in a smart way)