

**Computer Engineering Department  
Bilkent University**

**CS533**

**Spring 2012**

**Term Project Timeline**

**March 8, 2012**

**Updated on April 19, 2012**

**Updated on April 30, 2012**

**Term Project Timeline**

1. March 19, 2012; Monday: Declare your partners and tentative project topic. There are 22 students in the class so I expect to have 6 groups, about four students/group. Exceptions, with justification, are possible.  
Please send an email with the subject "CS533: Project partners and topic" by 5:00 pm.
2. March 26, 2012; Monday: One to 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.  
Bring it to the classroom on paper and send an email with the subject "CS533: Short project description" by 5:00 pm on the same day.
3. March 28, 2012; Wednesday: Five minute in class presentation a) description of the problem, b) motivation/importance, c) methodology, d) expected results (everything is short and tentative).  
Send an email before the class with the subject "CS533: Project 5 minute presentation" your presentation in pdf form attached.
4. ~~April 24, 2012; Tuesday by 11:59 pm~~ New due date April 25, 2012; Wednesday, class time: 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: an appealing truthful title, abstract, keywords, ACM categories, introduction, ... references.  
Send an email before the class with the subject "CS533: Project 2 page description" and bring a hardcopy to the classroom on April 25.
5. ~~May 2, 2012~~ New due date May 9, 2012: Project presentations (about 15 minutes/presentation, 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.  
Send an email before the class with the subject "CS533: Project presentation" and bring a handout to the classroom as you did in five minute presentations.
6. May 18, 2012, Friday 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.  
Send an email with the necessary attachments "CS533: Project material" . Zip the program and the related files. Send the report in pdf form without zipping. Leave a hardcopy of your report in my mail box too.
7. If you miss a deadline (we have several of them as defined above) some points will be taken off your project grade.

Please see the next page for possible project ideas.

Some possible topics (an incomplete list, I am open to your suggestions) in alphabetical order:

- a. A project that can be used in the [Fatih Project](#)
- b. Implementation of a [recommendation system](#)
- c. Location-based information retrieval
- d. Mining the [Enron](#) email collection (in terms of category, sentiments, social network, what comes next...)
- e. Sentiment analysis in Turkish (for news articles or products like cellular phones, literary works or blogs)
- f. Social networks of Orhan Pamuk novels. Computer investigation of Ali Teoman's novel *Gecenin Atları* (the novel with various acronyms, as you may remember it contains many strange abbreviations)
- g. Social networking using [Facebook](#), [Twitter](#) APIs
- h. Turkish news page content extraction
- i. Turkish news page picture extraction