CS 241 Honors
Project Brainstorming Session

CS 296-41 Course Staff

University of Illinois Urbana-Champaign

January 31, 2016

Lecture Recordings

Lectures are being recorded now!

View them at
`https://recordings.engineering.illinois.edu:8443/ess/`
`portal/section/1946e3ad-25b8-4600-9752-6f2893ad7c84`

Brainstorming

Hopefully you all have some initial ideas for projects you would like to
work on! Today, you'll split into groups and do the following:

- Share project ideas
    - What do you want to do?
    - Why?
    - How might you do it?
- Give feedback on other's ideas
    - What about their idea is interesting?
    - What seems hard or challenging?
    - What could be improved or changed?
- Synthesize project ideas
    - Could you take ideas from another student's project and apply them to
      your own?
- Find potential teammates

Project Proposals

Submission Instructions

Submit your project proposal as a *private* post on Piazza with title "Project Proposal (`netid1`, `netid2`, `netid3`)" where `netid1`, etc., are the NetIDs of your group members.

Be sure to include your names in the body of the proposal.

Submission Deadline

Proposal submissions are due **Thursday, February 2, at 11:59pm CST**.

Feel free to post before the deadline and get feedback from us! We want your projects to be as successful as possible, and having a good proposal is the first step towards that.

Project Proposals

Project Requirements

- Projects may be done in teams of up to 3 people; if you want to work on a larger team, ask us first
- The topic of your project should be relatively novel to you and your teammates (we want you to explore new things!)
- We expect about 3 hours of work per person per week
- Must relate to systems programming in a meaningful way (if you're not sure about this, ask us)

Project Proposals

Proposal Components

Your proposal should include the following:

- Overview (Alternatively, "Explain it to me like I am five")
- Purpose (Why are you doing this? Why is it interesting?)
- Expected workload distribution among group members
- Projected project milestones (What will you do in the first month? Second month? etc.)
- Challenges you expect will arise in working on this project