CS377Q: Today's goals

- Assignment updates!

- Assign P4

- P3 User study design and recruit review
  - Teaching team will circulate among teams
  - 5-minute presentation
  - 5-minute critique

- Team work time

Prototype and user study

- Working-world assignments
- Answering a design question—explicitly articulate this for P2 part c
- Applying prior HCI design learnings
- Prototype demo and user study
  - Give user prototype and task, let them work through it
  - May need to do some training first
  - More effective if impose disability on user
    - Note any need to clean between users
  - Not a feature walkthrough
  - Demo similar to a pilot user study

Adding P2 part c

- We wanted to see more development in the prototypes
- We wanted to recognize design iteration work in grading
- P2 part b now worth 5 points (last Thursday)
- P3 now worth 4 points (today)
- P2 part c worth 9 points (coming Thursday)
  - Prototype concept: What design question is it answering? Does it meet a user need? Is it compelling and novel? 2 points
  - Prototype development: Does the prototype demonstrate the concept? Will it elicit solid user feedback in a user study? 4 points
  - Iterative design: Was design feedback integrated into this design iteration? Does the video demonstrate the revisions to the prototype? 3 points

Thursday prototype user study review (5/16)

- Come prepared to work through the user study task with the revised prototype
  - Give us the prototype and a user task that we can accomplish in 5 minutess
- 10-minute slot
- Not graded, but will give us chance to give more feedback on the revised prototype and the user study task
- Pre-cursor to pilot user study
  - Focus on user study task
  - Not with person with a disability

P4: Conduct a user study (10 points)

- Three distinct parts with deadlines
  - part a: Conduct a pilot study with one participant with a disability and present findings with design revisions in class on May 21 (3 points)
  - part b: Conduct user study with at least 2 participants with a disability and submit user study data by May 28 (2 points)
  - part c: Presentation, in class, May 30 (5 points)

P4 part a: Pilot study (3 points, due 5/21)

- Conduct a pilot study with a participant with a disability
  - Test the user study plan and make any necessary modifications
  - Last chance to revise prototype before collecting data
- Prepare a 5-minute presentation
  - What task you used
  - What data you collected
  - What you learned from the pilot study
  - What changes you plan to make to the user study and/or the prototype as a result of the pilot study.

P4 part b: Conduct user study (2 points, due 5/28)

- At least 2 participants with a disability

- Submit user study data

- Checkpoint to give you time to analyze data and develop presentation

P4 part c: Presentation (5 points, in class 5/30)

- 7-minute presentation
  - Method: A quick description of the user tasks the participants worked on
  - Results: A summary representation of the data collected in the study
  - Conclusions: A description of how the participants reacted to the conceptual prototype
  - Prototype revisions: Proposed revisions to the prototype based on conclusions from the user study

Looking ahead

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		7 P3 assigned	8	9 P2 part b due (5)	10	11
12	13	14 P3 due (4) P4 assigned	15	16 P2 part c due (9)	17	18
19	20	21 P4 part a due (pilot - 3)	22	23	24	25
26	27	28 P4 part b due (user study data - 2)	29	30 P4 part c due (presentation - 5)		

Presentation Showcase: **Monday, June 3 6:00-8:00pm**, d.school atrium
(setup at 5:30pm)

Prototype design question focusing (P2 part c)

- **BIG IDEA OF THE PROTOTYPE**

- **SPECIFIC DESIGN QUESTION POSED BY THE PROTOTYPE**

- **HOW WILL THE USER STUDY TEST THE PROTOTYPE'S DESIGN QUESTION?**
  - **User tasks**
  - **Data collection**

- **OPEN ISSUES**

P3 review

- Focused solely on the user study
  - User study design
  - User recruitment plan
- 10-minute time slots per team