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DESIGNING SOLUTIONS TO
GLOBAL GRAND CHALLENGES:
THE REFUGEE CRISIS

CS377E
Spring 2016
March 28, 2016

Stanford
University

OUTLINE

- Quick introductions
- Course Overview
- Detailed introductions
- DP0 - New City Experience

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Who are We?

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JAMES LANDAY

- Professor in Computer Science at Stanford
 - formerly professor in Information Science at Cornell NYC Tech, CSE at the University of Washington & EECS at UC Berkeley
 - spent 3 years as Director of Intel Labs Seattle
- PhD in CS from Carnegie Mellon '96
- Human Computer Interaction w/ focus on informal input (pens & speech), crowdwork, web design (tools & patterns) & Ubiquitous Computing
- Office Hours: Mon. 2-3 PM & Wed. 10-11 AM in 390 Gates
- Email: landay@[insert usual stanford email domain]

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JULIE STANFORD

- BS/MA Stanford in Symbolic Systems & Communications w/ focus on Interaction Design
- Founder & Principal of Sliced Bread Design using design thinking to create compelling user experience for tech products
- Office hours: By appt julie@slicedbreaddesign.com

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SARAH NADER

- BS & MS in CS (HCI)
- Visual design, ethnography, rapid ideation, user testing
- I hiked up Mount Fuji and slept on top.
- Office hours TBD
- Email: snader2@[insert usual stanford email domain]

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JENNY MAILHOT

- BS Stanford in Computer Science w/ focus on Interaction Design
- Design Director at Sliced Bread Design
- Office hours: By appt
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BALANCE

DESIGN
TECHNOLOGY

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DESIGN THINKING

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DESIGN DOING TIMELINE

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PROJECT PARTNERS

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HOMWORK

- Fill out the project selection form
- You can start doing online research on the project(s) you are interested in – work on this topic has probably been done already
 - Google
 - Facebook

HOMWORK

- Watch 2 needfinding videos (Piazza)
 - Take notes on stickies with a sharpie
 - Note what you notice about interviewing technique
 - Note interesting things in the interview that stick out to you such as contradictions, issues, concerns, things that the subject feels strongly about

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GRADING

- A combination of
 - individual assignments & presentation (10%)
 - class/studio participation (30%)
 - group project (60%)
 - demos/presentations/poster (group component)
 - project write-ups, exercises & other deliverables
- No Exams
 - must present at project fair at end of quarter

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TIDBITS

- Web site online tomorrow
- Sign up for the piazza site if you haven't already
<http://piazza.com/stanford/spring2016/cs377e>

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NEXT TIME

- Fill out this survey by Tuesday at noon (letting us know your project preferences)
 - <http://bit.ly/377E-teams>
 - we will create project teams by Wed.
- Lecture
 1. Guest lecture (Mary Tran, Sea of Solidarity / Facebook)
 2. Sarah Nader initial needfinding
 3. In class needfinding exercise
- Watch example needfinding videos
 - <https://vimeo.com/user38238387/review/121817191/7605f2b138>
 - <https://vimeo.com/user38238387/review/121817185/b2c4480e49>
 - take notes ON STICKIES of what you notice the interviewer does as they are conducting the interviewees
 - take notes ON STICKIES of interesting things that the subject says, stories you hear, contradictions, etc.

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