Designing Interactive Systems I

Midterm Exam Discussion, Introduction to Week 7, and Project Kickoff

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WS 2019/2020
http://hci.ac/dis

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Themes and Milestone #1

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How Project Mentoring Works

- Each mentor will offer a **project theme** and **sample topics**.

- Sample topics: Only to give you an idea of what sort of projects we are looking for; you are encouraged to work on your own topic.

- Find a theme that **interests** you the most; it doesn't have to be something you have a lot of knowledge about—designers don't often design for themselves. ;)

- You will **observe** users in the real-world and/or **interview** them to identify problems.

- We will mentor you in the Studios to follow the *correct* process.

Interactive Kitchen Aid

https://www.youtube.com/watch?v=Skk5gvI2I68

Mindful Use of Technology

How Can We Use A Car While Not Using It?

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Making Chores Fun

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Making Video Game Streams (More) Interactive

Examples

Darwin Project

Twitch Extensions

Drawful 2

Create Team Building Experiences

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Project Groups

- 5 members per group

- Try to find members who will complement your skills

- Skills needed for the project

  - Creativity

  - Meticulous problem solving

  - Visual design

  - People skills

  - Not so much of programming

Topics & Mentors

- Pick the topics you are interested in.

- You have to select **exactly three** themes with different priorities (1: low, 2: medium, and 3: high).

- We will try to set you up with a theme with a high priority :)

Generating Ideas

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Design Process

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https://artisantalent.com/

Waterfall Model for Designing Interfaces? No.

Analysis

Design

Milestones
(documentation, software)

Implementation

Test

Maintenance
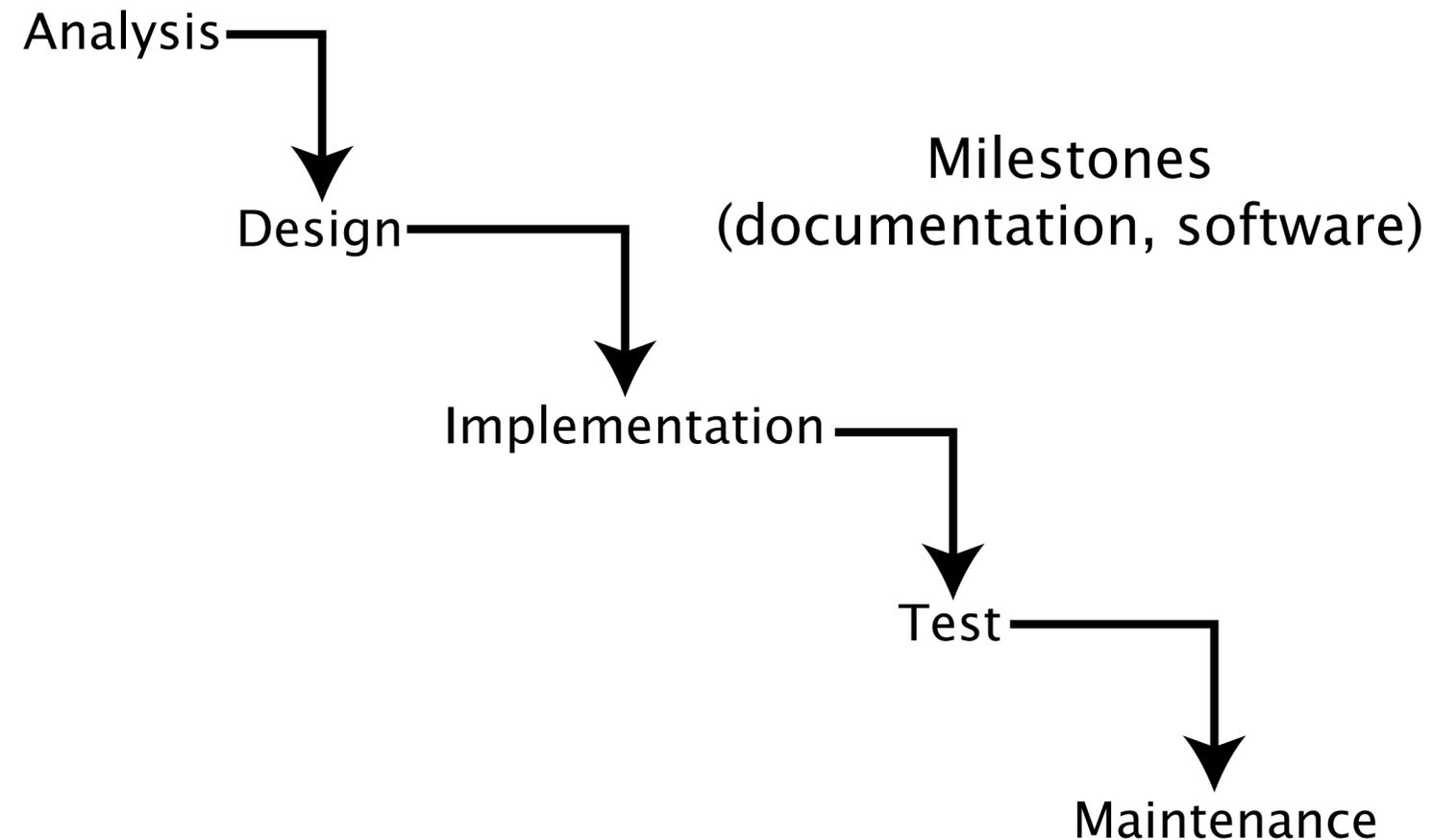
- What could go wrong?

  - In reality, plans change

  - Wrong assumptions are hard to detect & fix early

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How to Classify Users?

http://researchresults.wordpress.com

How to Generate Ideas As A Team?

How to Communicate Your Idea to Others?
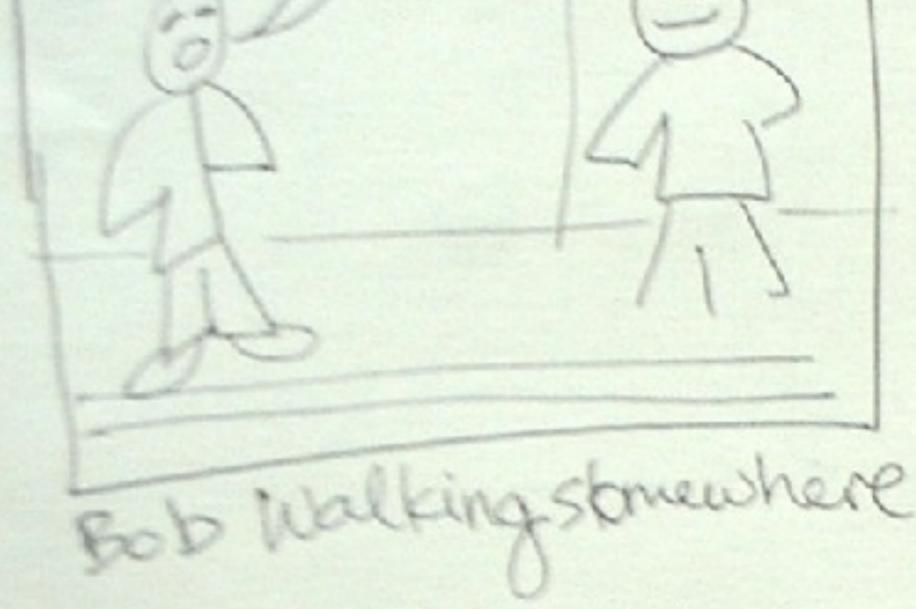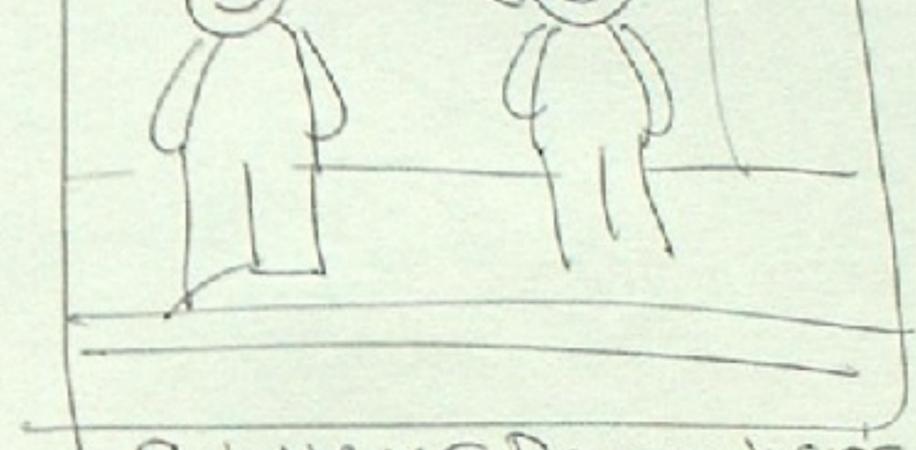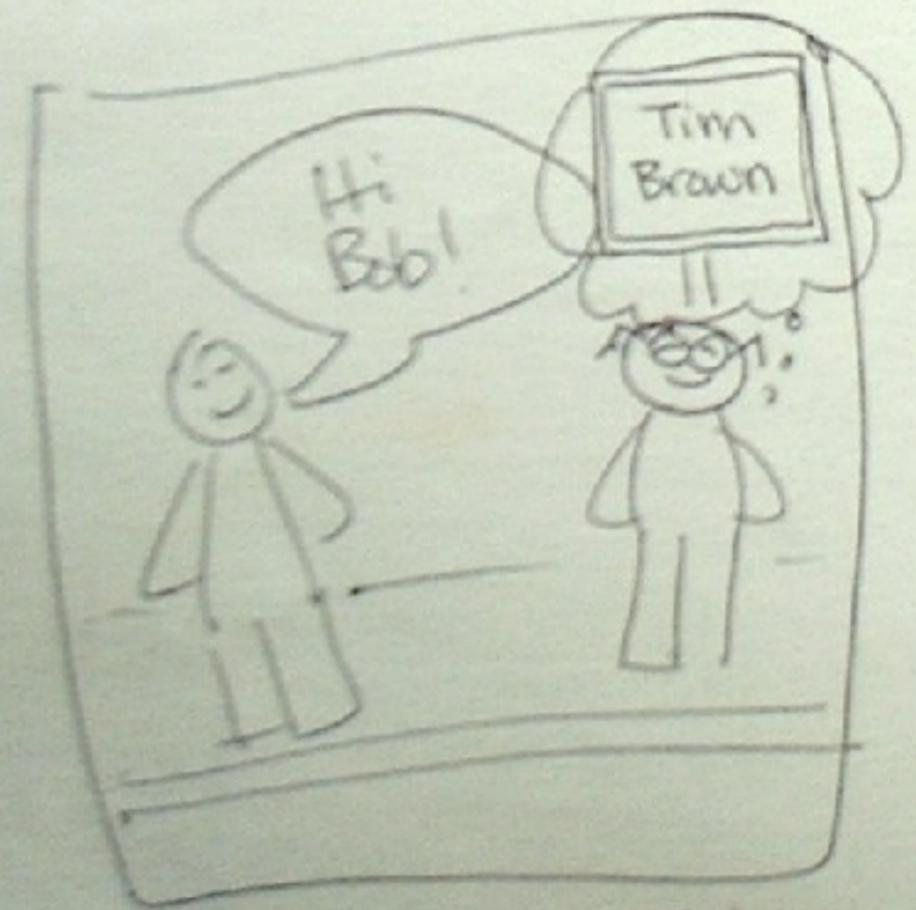
What Next?

- On **Wednesday, Dec. 5:** Studio—Project Milestone #1; please try to identify possible problems you could work on.

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