Quick Debrief on Semester So Far

• Dean Bashir
• Team meetings
• Prototyping goals
  – Input/outputs define this
Pretotyping
Pretotyping

The idea that you can prototype anything out using meager means

(Source, Rough prototype from Ideo)

(Source, Diego Powered Dissector System)
What does it mean to prototype?

Externalizes internal thinking in a tangible form, rendering it more intelligible by others and the world.

Allows you to play and explore design space.

Answer big questions with as little energy and expense as possible.
Ways to Prototype

Prototyping

https://novoed.com/designtinking
Ways to Prototype

• Skits
  – Just as in brainstorming, skits and role playing can gain insight into user needs
  – Adds empathy to your design
Building is a great way to spark new ways of thinking about your design
Testing a Prototype
Pretotyping allows you to fail sooner
Take a blank sheet of paper and without using any words, draw the process of making toast.
There are definite steps to everyone’s toast making process (the nodes) and generally arrows are drawn to show the sequence of events or the passage of time (the links.)
Now take these nodes and put them on separate sticky notes.
Combine your nodes with your team to gain a commonly held understanding of how to make toast
You need to start planning now, timelines will sneak up on you

If you need inspiration, browse Pretotype It (PDF E-book link on website)

First Prototype due with draft testing plan Due 10/19

Final fall prototype due with testing, posters due for printing 12/5
Now, meetings! Ian, Tanmay and I will walk around to visit your teams*

Team #

Last 2 weeks we ...

Next two weeks we ....

Problems, questions we have are ...

*While you wait, repeat the toast exercise with your project to create a flowchart for how your product needs to work