Mixing Lean UX & Agile Development

How to minimize risk, maximize flexibility, and create a loved product.
We used to design and build applications.
We used to design and build applications.

Now we design and build:

Products
Companies
Experiences
Services
Disappearing Boundaries
Disappearing Boundaries

brand strategy

interaction design

experience design

information architect

visual design

front-end development

database development

system operations

backend development

data analysis

Carbon Five
Emerging Technology
Emerging Technology

- rapid prototyping
- living style guides
- html5 and canvas
- offline apps
- responsive design
- client side scripting
- websockets
- mobile
- real time updates
How do you keep up with all that?
you don’t have to...
we get by with a little help from our friends...
Some stories about how we help our clients find their cadence.
A little about this we ...
Carbon Five
Roles & Responsibilities
developer + designer + product owner
One team
Everyone participates
Conflicting perspectives are required for creative solutions.
The disrepair of Building 20 invited inhabitants to take intellectual risks.

“The edifice is so ugly...that it is impossible not to admire it, if that makes sense; it has 10 times the righteous nerdly swagger of any other building on campus, and at MIT, any building holding that title has a natural constituency.”

— Fred Hapgood

The “Magical Incubator”
Pixar Headquarters

The legacy of Steve Jobs
Techniques
Sprints as Experiments
What is your highest risk, highest reward feature?
Costs vs. Benefits

Place your epics or stories as a mechanism for prioritization

$$$$ !!! $ !!!

$$$$ ! $ !
Get your stories straight
Deliverable whole

Always try to prioritize using a path to a full deliverable whole.
Cards
Case Studies
Week at a Glance

Monday
reflect & define

Tuesday
specify

Wednesday
build & refine

Thursday
build & refine

Friday
customer feedback!

Friday, November 1, 13
Flexible Schedule
Monday
Charrette!
Retrospective
Capture Customer Feedback

Stickies
Audio
Video
Notes

stickies.io
Whiteboard Wireframing
Clean Up and Prep
Tuesday
The Art of Story Writing
Story Template

Title (one line describing the story)

Narrative:
As a [role]
I want [feature]
So that [benefit]

Acceptance Criteria: (presented as Scenarios)

Scenario 1: Title
Given [context]
   And [some more context]...
When [event]
Then [outcome]
   And [another outcome]...
Story Breakdown, Estimation & Prioritization
1207 GEN = channel

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Pair Sketching
Wednesday & Thursday
Feature Development
Whiteboard Wireframing
Designer/Developer Pairing
Designer/Developer Pairing
Story Acceptance
(yay!)
Friday
Customer Feedback Prep

What are you testing?

What methods will you use to test?

Broad or specific?
Hybrid Prototyping
Capturing Customer Feedback
Conflict that arises is critical to innovation.
Foundations
Foundations

Conversations

story writing, milestone planning, acceptance
Foundations

Conversations
  story writing, milestone planning, acceptance

Culture
  cross-functional teams, design, and dev integration
Foundations

Conversations
  story writing, milestone planning, acceptance

Culture
  cross-functional teams, design, and dev integration

Cadance
  short term solution-focused product development
Thanks!

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