EECS 394
SOFTWARE DEVELOPMENT

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Team Startup
Task One

- Form your team
  - Do the Drucker Exercise
- Brainstorm a simple interesting web app, with
  - interactions on browser
  - persistent data on server
- Implement a demoable initial release
- Report on all of the above in your tri-weekly team reports
Task One Revisited

- Form your team
- Do the Drucker Exercise
What are your top three strengths?

1. __________
   Excellent listener

2. __________
   Natural diplomat

3. __________
   I get things done
   Follow through
   Attention to detail
   Bringing order to chaos
How do you perform?

1. ____________
   - Morning person
   - List maker

2. ____________
   - Love eliminating waste
   - Are a minimalist

3. ____________
   - Hate being micromanaged
   - Dislike office politics
What are your values

1. __________
   - Honesty
   - Doing a quality job

2. __________
   - Having fun
   - Respect for others

3. __________
   - Continuous improvement
   - Being trusted
What results can you contribute, and what should you be expected to deliver?

1. ____________
   Quality code that works
   A wonderful user experience

2. ____________
   Compelling website copy
   Rigorous exploratory testing

3. ____________
   Just-in-time analysis
   A realistic plan
**TASK ONE REVISITED**

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Task One Revisited

- Implement a demoable initial release
Task One Revisited

- Implement a demoable initial release
- Set up source control for everyone
  - Implement a walking skeleton
- Implement the demoable release
- Less is more!
  - Getting Real from 37Signals
SOURCE CONTROL

Set up

- Source control
  - E.g., git, svn, mercurial
  - FTP, Dropbox, Google Docs are not source control
- Every team member has to
  - have a local copy of the repository
  - have personally and successfully committed a change
  - use it in the implementation of both projects
- Source control is an absolute requirement
Set up

- All HTML must validate without error or warning.
  - use HTML5 DOCTYPE
  - all HTML5 and CSS should validate without error or warning
    - Exception: required CSS extensions
- Javascript should pass at least JSHint
  - even better, pass JSLint
  - use a mobile-ready JS library
- Work on mobile
graduated NU in 2012 with a CS degree

interned as a PM at Microsoft where he worked on their global datacenter software stack

has worked with Lightbank to develop MVPs for their startups

cofounded and is CTO of walk.by