

web f. site

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Motivation



MOTIVATION

It's not that I'm lazy, it's that I just don't care.

The Terrace F. Club

- Terrace is a vibrant social community
 - It plays an important role in our lives here at Princeton
- But there's a problem...

Death to the Listserv!

- Terrace's digital interactions are outdated.
- Digital communication within the club is limited to an email listserv.
 - One-way communication
 - Floods our inboxes
 - Difficult to find old messages
- Many other clubs have an open "spam list"
 - Terrace doesn't for a reason - it's annoying

A Better Way to Communicate

**We aim to facilitate open, clear, and
structured communication with a
customized social network.**

A Digital Clubhouse

- Our vision for the web f. site is to create a digital home for the Terrace community
- A place for great conversations
- Dedicated to supporting community and friendships in the club

Product Goals

- Open communication between club members
- Structure content for easy filtering
- A centralized location for important announcements
- Promote connections among members, and identity within the club

Product Demonstration



use the boost to get through!

Authentication

- Facebook
 - Low Friction
 - Social Graph Data
- Roll Your Own
- New Users
 - Admin Interface
 - Email
 - Approval
 - Good to Go!

Architecture

- Django
- Javascript
- Workflow

Django

- None of us had ever used Django before.
 - Peter and Tarik had never built a website with a framework before
- Initial Impressions on Django...

wat



Do a barrel roll!

Django

- We've become familiar with it, and grown to like it.
- ORM
 - Great on simple queries
 - Can be a pain on more complicated queries
 - Difficulties with search and backwards relationships

Javascript

- Separated display of hashtags / user mentions from their insertion
- Javascript scrapes post and comment text for @mentions and #tags
 - replaces them with appropriately styled links

Working Environment

- Python virtual environment standardizes tools across different machines
- Git for source control
- Heroku for easy deployment

Future Work



Roads? Where we're going, we don't need... roads.

Future Work

- Image and link embedding/styling
- Filter on multiple hashtags
- Real-time chat
- Email updates
- Poking

Final Thoughts

- It's important to have a balanced team
 - our skill sets complemented each other well
- Collaborative development works well when it is organized efficiently
 - Communicate about priorities
 - Delegate work appropriately
- Regrets
 - We wish we'd launched earlier

Thank you!

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