



ResearchWeb

Midterm Presentation

IPRO 321

October, 2009

Presenters:

Zach Cornelius

Max de Courten-Myers

Bethany Nicholson

Matt Abhay

Tom Corsus

Adam Eberlin

James Kapaldo

Yuriy Sizyuk

Stephen Sundberg

Professor Robert Ellis

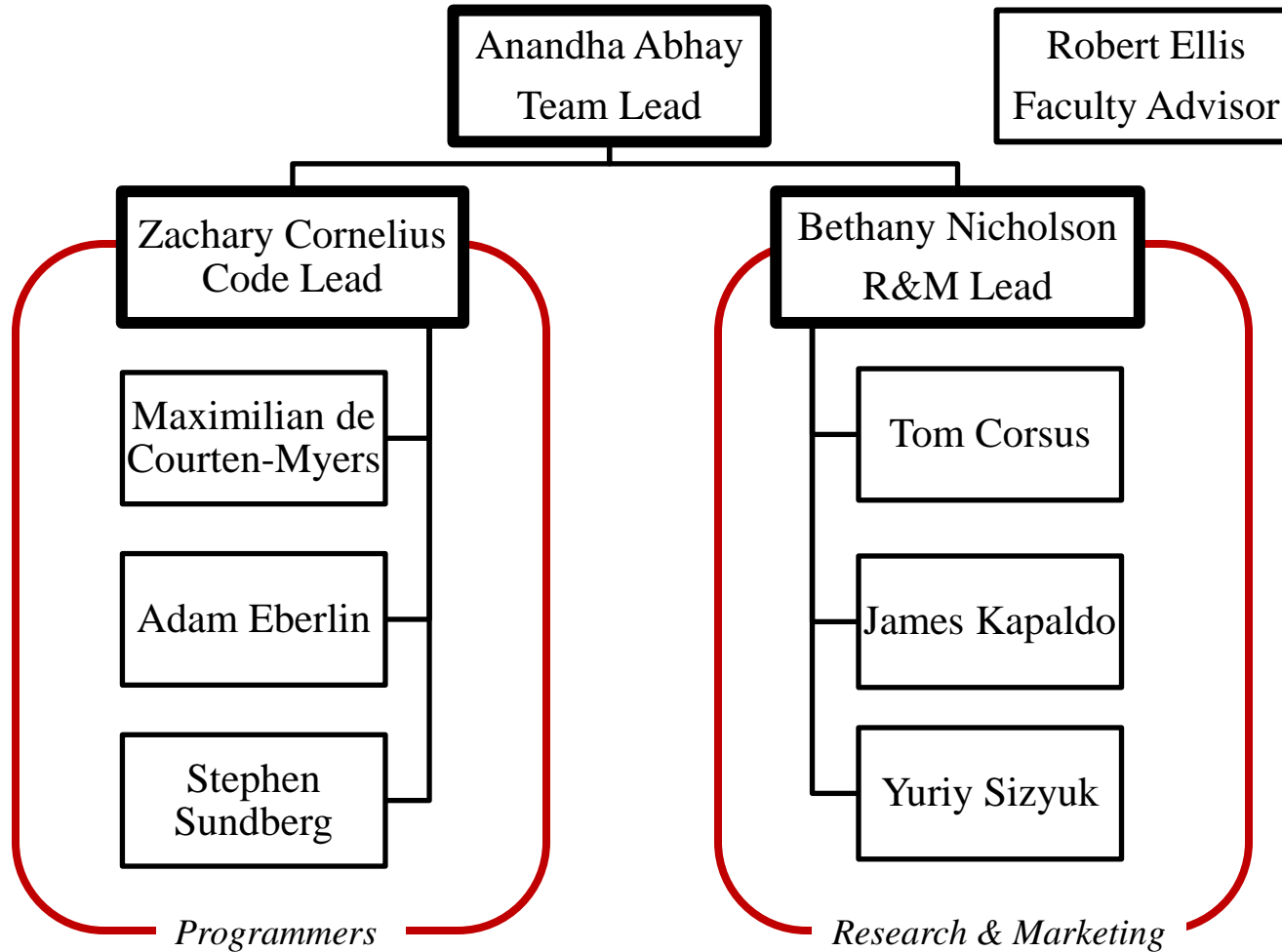
Problem

Lack of understanding about the research process

Lack of promotion of research opportunities for undergraduate (UG) students

UGs introduced to the research have no vehicle to ease them into research and publish findings

Team Organization

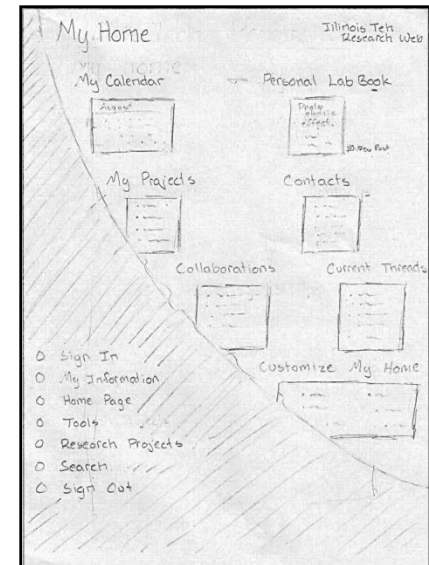
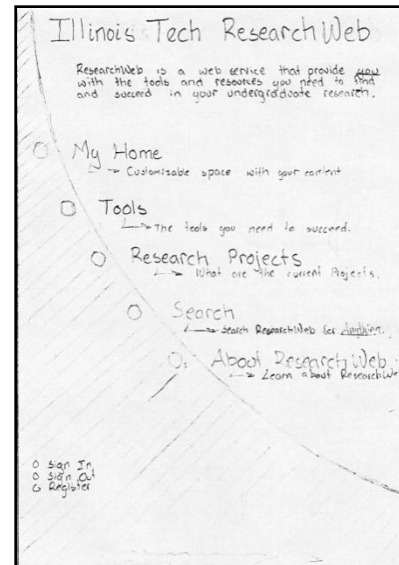
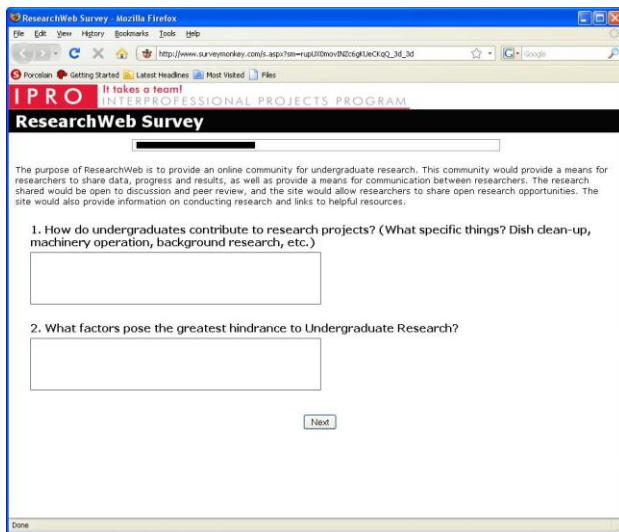


Goals

- **Improve/Expand UG Research at IIT**
- **Mock out all views/interfaces**
- **Hold internal testing (alpha)**
- **Hold open testing (beta)**
- **Launch advertising campaign**

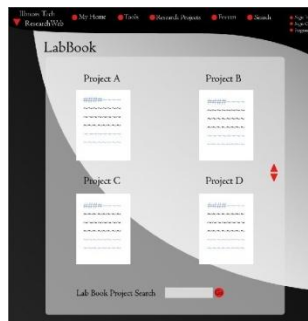
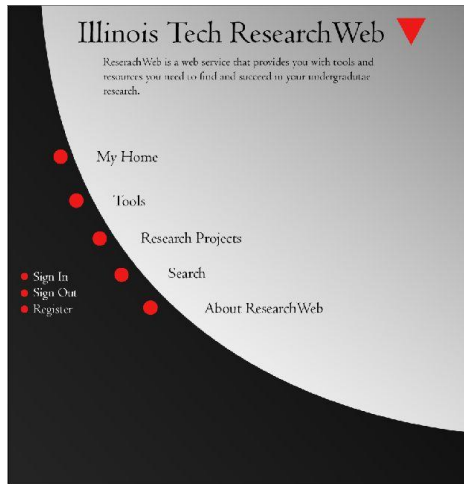
Progress

- Survey of UG Researchers
- Design of Site Features
- Learning Ruby on Rails



Progress cont.

• Final Site Concept



Illinois Tech
▼ ResearchWeb

- My Home
- Tools
- Research Projects
- Forum
- Search

● Sign In
● Sign Out
● Register

James Kapaldo



Information:

Born: March 1989
College: Illinois Tech
Current Position: Student
Major: Physics
Year: Junior
E-mail: jkapaldo@iit.edu

Current Projects and Activities:
Currently working on the development of ResearchWeb.
Currently a Residence Advisor for Illinois Tech.

Past Projects/Work Experiences:
Worked as intern in software engineering for Systems Planning and Analysis Inc.
Research intern at Max-Planck Institute for Quantum Optics.

Research Projects being watched:
Electric field enhancement from nanosized pyramids.
Quantum entanglement over long distances.

Additional Information:

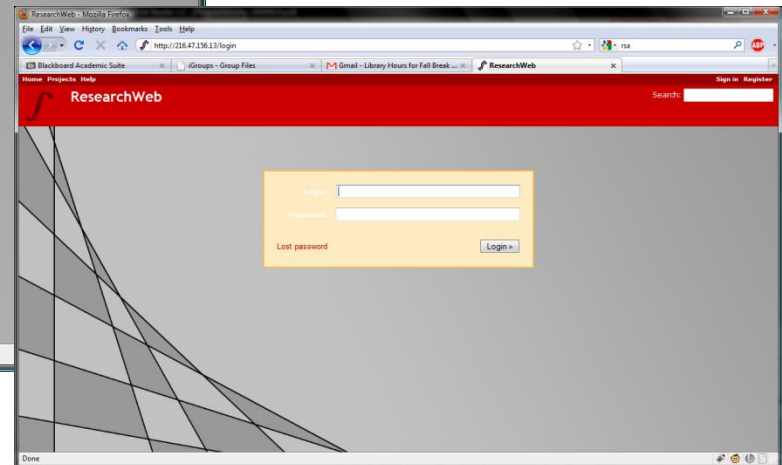
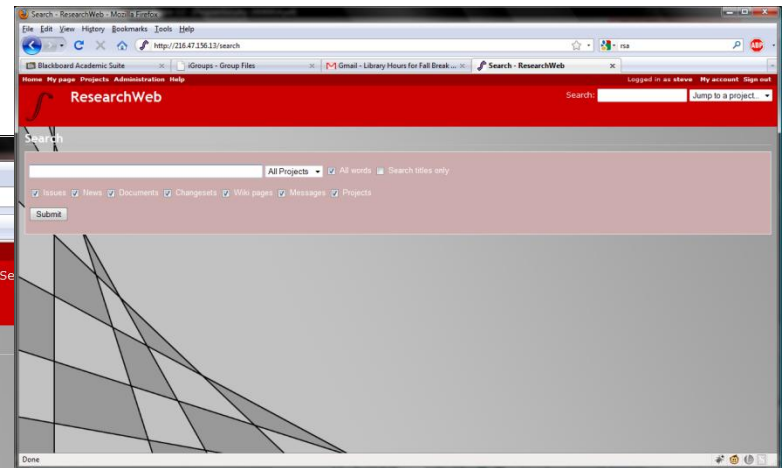
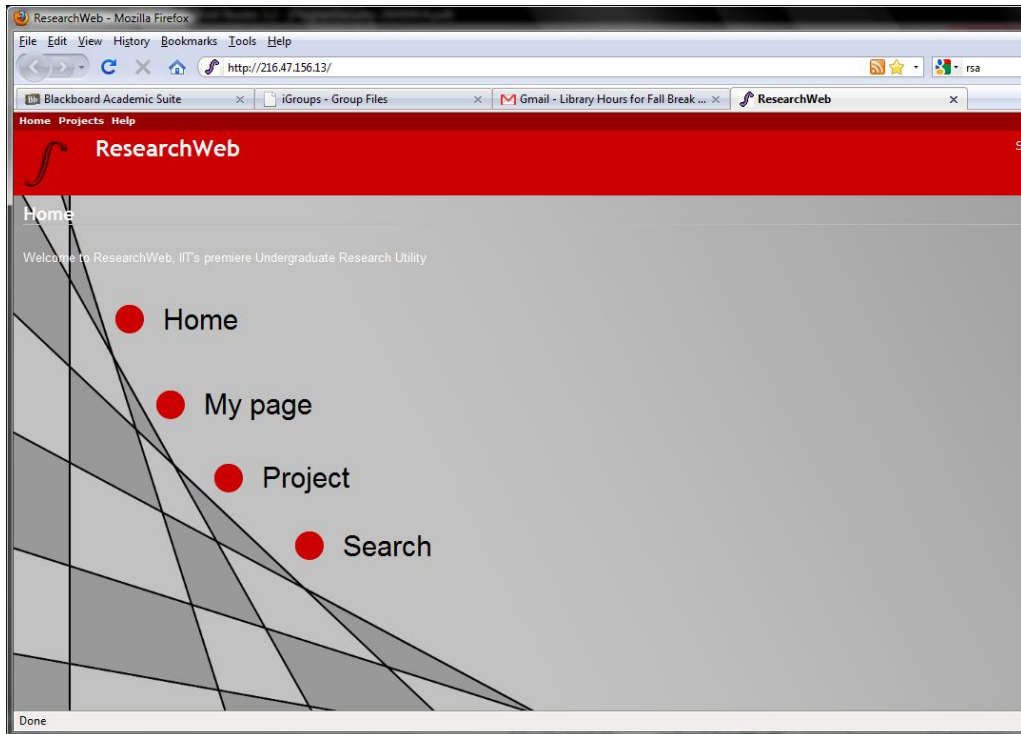
Research Colleagues:
Yuriy Sizyuk
Tom Corsus
Bethany Nicholson
Anandha Abhay
Zach Cornelius
Max De Courten-Myers
Stephen Sundberg
Professor Robert Ellis

See All ▶

Send Message
Chat

Progress cont.

- First Version Site Online



Major Obstacles

Obstacles

- Using Ruby on Rails and Agile Model
- Lost ResearchWeb from 2008
- Setting up in-house hardware to host content

Resolutions

- Ruby on Rails and agile software development consultants
- GIT software to back up and track code changes
- Virtual Private Server from <http://www.linode.com/>

Future Challenges

- **Reaching Beta Stage of Development**
- **Acceptance Testing to Keep on Track**
- **Usability Testing**
- **Building a User Community**



Questions?