QuickSource

Henry, Nihar, Johnny, Michael

Idea

- Crowdsource human capital, not venture capital.
- Kickstarter-esque tool for people to attract talent/interest for their project/idea

Growth Strategy

Initially focus on intra-campus research opportunities

- Allow faculty to easily field students for grants, studies, etc, and vice versa
- Revolutionize REU application process
- Increases efficiency of process

Want to avoid Facebook's "overly personal connection"

Framework

MEAN Stack development

- MongoDB
- Express.js
- Angular.js
- Node.js

Core language - JavaScript (all of us know Java + basic web development)

Responsive web app (HTML5)

Team Skills

Henry – server setup and backend logic
Johnny – data architect
Michael – MVC translator
Nihar – UI/UX designer/developer

Process Tools

Slack for communication & reporting (learning how to integrate channels)
Pivotal Tracker for tasks

Market

Initially, campuses or other tight-knit communities
Eventually, general platform for projects of all types

Market Research

Target Demographics

- Growth
  - Primary – STEM faculty and majors
  - Secondary – All individuals in university network
- Eventual
  - Primary – Community network members (grouped by geography, institution, etc)
  - Secondary – All individuals

Market Research

Market Sizing

- Initial:
  - Addressable: 21 million students (13 million full-time enrolled)
  - Attainable:
    - 1.54 million faculty in higher education
    - ~40% of students majoring in STEM. ~20% of those students go to a research-focused university, and around ~10% of that are actively in search for research opportunities (~80% for the faculties).
    - 168,000 attainable student market, 98,500 attainable faculty market.
- Eventual:
  - Can diversify into areas pertaining to professional and community focuses, including but not limited to job recruitment, public sector community development, political action

Market Research

Competitors

Initial

- ResearchGate
- Campus Message Boards

Eventual

- Kickstarter, Indiegogo
- Job Boards like Monster, Indeed
- Eventbrite

QUICKSOURCE

HOME BROWSE PROFILE SEARCH

Home Project

JULY

Mon	Tue	Wed	Thu	Fri	Sat	Sun
30	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	1	2	3

Contact

Feel free to contact us for any issues you might have with our

Name Resume

Name Upload

Message

Cras mattis consectetur purus sit amet fermentum. Cras justo odio, dapibus ac facilisis in, egestas

Send

Project 2

PROJECT HEADER

PRIMARY

2:5 /

Overview Specifications More

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Apr 2014

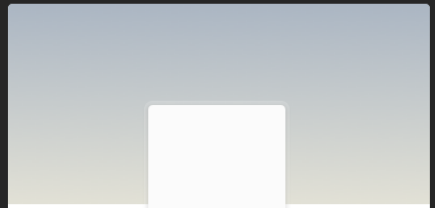
Apr 14 Bootstrap

Raw denim you probably haven't heard of them jean shorts Austin. Nesciunt tofu stumptown aliqua, retro synth master cleanse. Mustache cliche tempor, williamsburg carles vegan helvetica.

Bootflat

Raw denim you probably haven't heard of them jean shorts Austin.

Apr 14



PROFESSOR JANE DOE

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+ FOLLOW

5	200	50
PROJECTS	FOLLOWERS	FOLLOWING

SIMILAR RECENT TOP RATED

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14 July 19

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14 July 19

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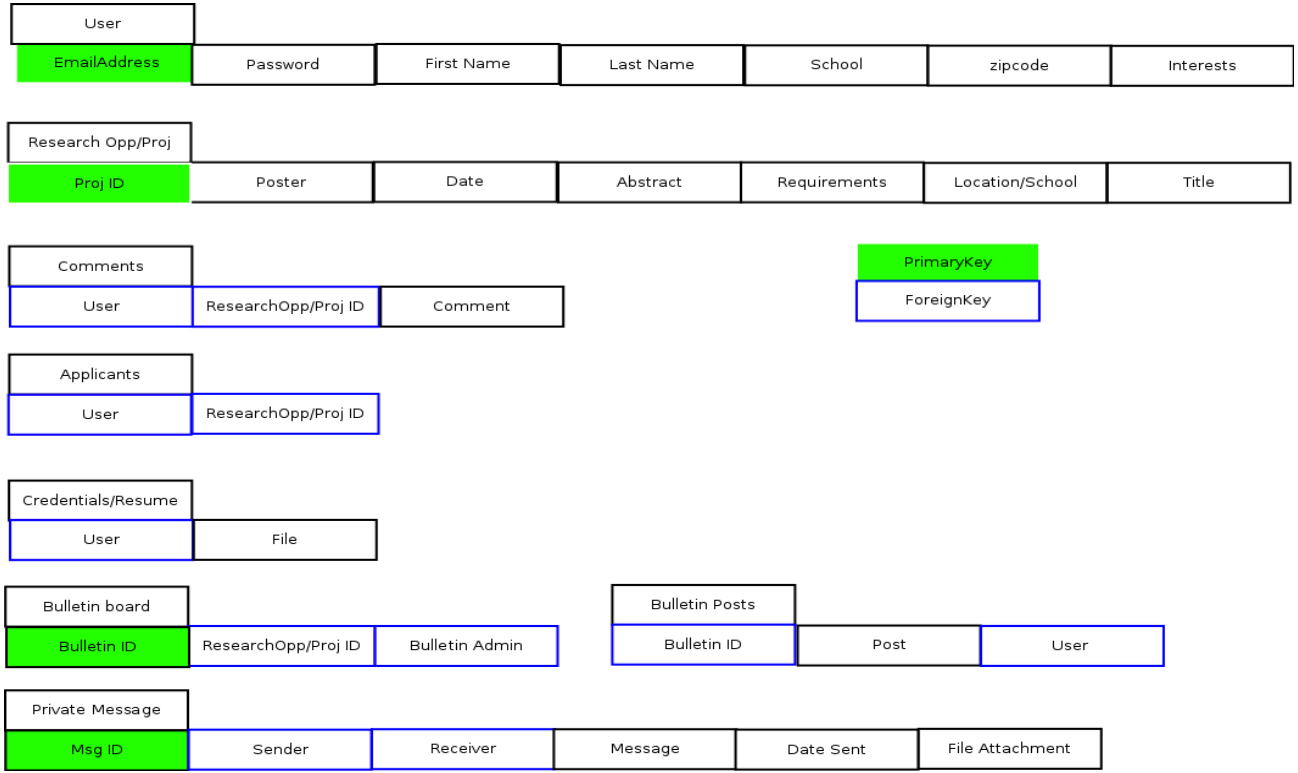
Interface Screens

Public Marketing Front – all traffic
Login + Registration – all users
User On-boarding – all users
Create Profile – all users
Create Project – project creators
Browse Projects – project searchers
View Project + Apply (modal) – project searchers
Edit Profile – all users
Sign out – all users

Data Model


User
EmailAddress
Password
First Name
Last Name
School
zipcode
Interests
Research Opp/Proj
Proj ID
Poster
Date
Abstract
Requirements
Location/School
Title
Comments
User
ResearchOpp/Proj ID
Comment
PrimaryKey
ForeignKey
Applicants
User
ResearchOpp/Proj ID
Credentials/Resume
User
File
Bulletin board
Bulletin ID
ResearchOpp/Proj ID
Bulletin Admin
Bulletin Posts
Bulletin ID
Post
User
Private Message
Msg ID
Sender
Receiver
Message
Date Sent
File Attachment

Core User Stories

1. As a professor, I can post my research opportunities to attract potential talent. (highest story points)
2. As a student, I can search the postings to find interesting opportunities that match my skill level. (medium story points)
3. As a student, I can post student opportunities to recruit other students to my club/organization. (lowest story points)