

# QuickSource

## Don't Stop Believin'

Henry, Nihar, Johnny

# Product Refresher

KickStarter for human capital

Lets groups within institutions attract talent & interest

Initial focus is on research opportunities

# In Progress Feature Additions

Comments on projects

Profiles view template (only front-end)

Picture & resume upload (only back-end)

**Little features here and there based on feedback (what we focused on)**

# System Function Issues

- Better error messaging
- Character counts needs to be limited
- No email support for forgot password
- Limit profiles to one email per user

# User Need Issues

- Custom tags
- Filter projects by tag
- Interesting homepage
- Message professor when opting in

# Survey Results

- Very intuitive to navigate & opt-in :)
- Project Model Additions (main)
  - Minimum requirements
  - Time required
  - Leading researcher
  - Possible outcomes
- User Model Additions (main)
  - Major
  - Graduation Date
  - Skills
  - Past experience

# Additional Market Research

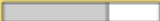

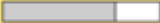
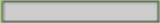
- Academics have strongly adopted social networks
- No tool for recruitment & discussion of ongoing projects (market need)

# Unit Testing Coverage Results

## Mocha - models & database unit testing

Code coverage report for **All files**

Statements: **50.4%** (251 / 498)    Branches: **29.63%** (64 / 216)    Functions: **46.22%** (55 / 119)    Lines: **52.3%** (250 / 478)    Ignored: none

File ^	Statements	Branches	Functions	Lines
controllers/ 	67.92% (144 / 212)	50.55% (46 / 91)	80% (40 / 50)	72.59% (143 / 197)
controllers/users/ 	15.08% (30 / 199)	5.94% (6 / 101)	8.93% (5 / 56)	15.46% (30 / 194)
models/ 	72.97% (27 / 37)	50% (12 / 24)	62.5% (5 / 8)	72.97% (27 / 37)
routes/ 	100% (50 / 50)	100% (0 / 0)	100% (5 / 5)	100% (50 / 50)



# Unit Testing Coverage Results

## Karma - controllers & views unit testing

Code coverage report for **All files**

Statements: **44.39%** (99 / 223)    Branches: **15.49%** (11 / 71)    Functions: **41.46%** (34 / 82)    Lines: **45%** (99 / 220)    Ignored: none

File ^	Statements	Branches	Functions	Lines
comments/config/	100% (2 / 2)	100% (0 / 0)	100% (1 / 1)	100% (2 / 2)
comments/controllers/	84% (21 / 25)	50% (2 / 4)	72.73% (8 / 11)	84% (21 / 25)
comments/services/	100% (2 / 2)	100% (0 / 0)	100% (1 / 1)	100% (2 / 2)
core/config/	100% (3 / 3)	100% (0 / 0)	100% (1 / 1)	100% (3 / 3)
core/controllers/	80% (8 / 10)	100% (0 / 0)	50% (2 / 4)	80% (8 / 10)
core/services/	37.74% (20 / 53)	16.67% (8 / 48)	40% (4 / 10)	37.74% (20 / 53)
posts/config/	100% (2 / 2)	100% (0 / 0)	100% (1 / 1)	100% (2 / 2)
posts/controllers/	27.27% (12 / 44)	0% (0 / 6)	15% (3 / 20)	27.27% (12 / 44)
posts/services/	100% (2 / 2)	100% (0 / 0)	100% (1 / 1)	100% (2 / 2)
users/config/	63.64% (7 / 11)	0% (0 / 2)	100% (4 / 4)	63.64% (7 / 11)
users/controllers/	23.81% (15 / 63)	9.09% (1 / 11)	26.92% (7 / 26)	25% (15 / 60)
users/services/	83.33% (5 / 6)	100% (0 / 0)	50% (1 / 2)	83.33% (5 / 6)

# Strength of Product

- Through Karma & Mocha unit tests, pair with Jasmine scripting, can create robust tests that cover every aspect of stack
- Understand cycle now: build → prelim (face value) test → unit test of feature → all tests → deploy

# Updated User Expectations

1. Users want an easy way to browse through projects
2. Students & professors want as much information as possible about each other on the site

# Priorities

- Add additional unit test coverage to avoid any system function issues
- Create product features to match user expectations
  - Updated user & project models
  - Navigation refresher
  - UI Updates

# Team Velocity & Capacity

- Great velocity now that understand development + testing tools
- Capacity by final pitch
  - Build core functionality based on user expectations
  - Finish unit tests so no clear bugs
  - Build deployment & CI system
  - Alpha release to select professors & students