

Teamwork Plan

Team Open Source Fruit Tart (opensourcefruittart@mit.edu)

Elise Xue, Meghana Bhat, Willow Jarvis, Kelly Shen

TA: Graeme Campbell

Tasks	Expected Effort (Time)	Team Member Assignment
User Router/schema <ul style="list-style-type: none">• Create profile from certificate• Certificate Login	6 hours	Kelly
Postings Router/schema <ul style="list-style-type: none">• matching	8 hours	Meghana
Skills Router/schema	4 hours	Meghana
Login UI	3 hours	Kelly
Student Homepage UI <ul style="list-style-type: none">• Posting Template• Tabs	13 hours	Willow
Staff Homepage UI <ul style="list-style-type: none">• Create Post	12 hours	Elise
Student Profile UI	6 hours	Kelly/Elise
Student Profile Mockup	1 hour	Willow
Tests	12 hours	Everyone

Minimum viable product

MVP features:

Create postings (skills , student course preference)

Add skills

Match with UROPs

See matched UROPs/students

Certificate login

Subset of Concepts:

Postings

Match

Issues Postponed:

- Tag concept (interests, disciplines, UI for this)
- Posting deadline
- Timeout for user session
- Resume
- Search UROPs

Real Value:

- Students can look for UROPs that match their skills!
- Staff can post their UROPs, and get students that match requirements!

Opportunity for feedback

- UI for seeing/creating postings and adding skills

On path to full product:

- MVP allows students to match with UROPs, and staff to post UROPs
- Still have security issues we need to take care of
- Not all of our concepts have been included
- Not all concept misfits have been mitigated

REST API for MVP

POST /postings

- Create a posting if staff

GET /postings

- If you're a student, matched postings

- If you're a staff, your posted postings

DELETE /postings

- If author of a post, can delete

POST /skills - of currently logged-in user

GET /skills - same

POST /user

- Creates new user account

- Staff - certificate indicates member is MIT faculty or grad student

- Student - certificate indicates MIT undergrad

POST /user/login

POST /user/logout

GET /user/:userid - get user info for a specific id