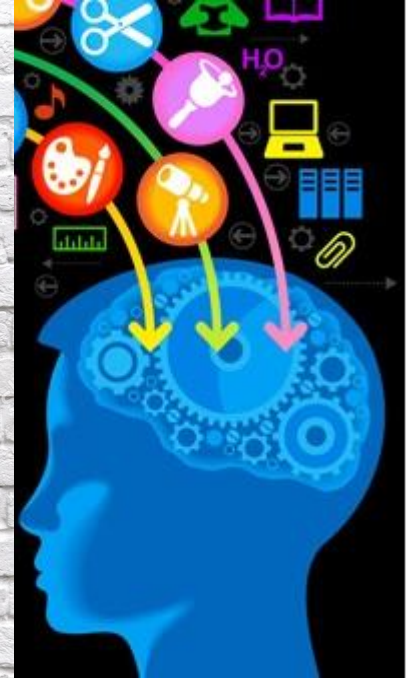
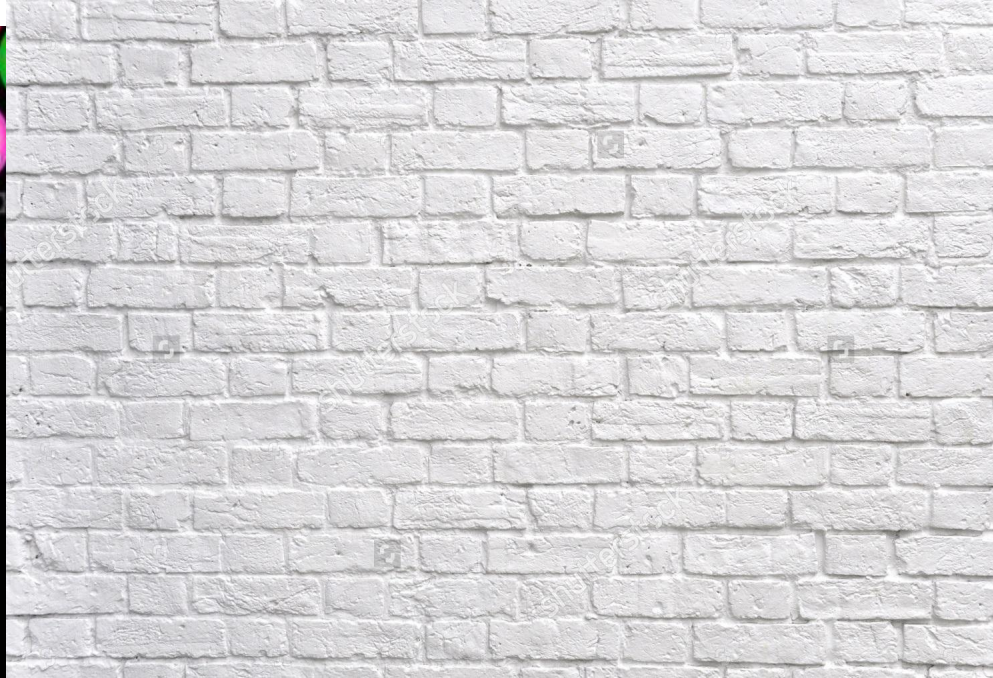


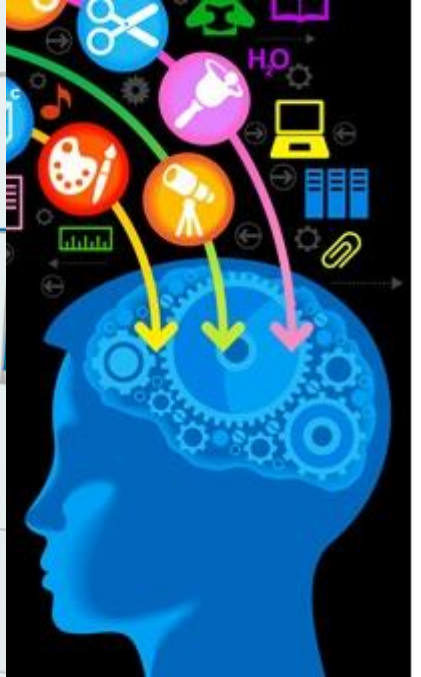
SkillSwap: Low-fi Prototyping & Pilot Usability Testing

Jacob Yu Villa, Dana Murphy, Tuan Tran

Team mission statement/value proposition



Team mission statement/value proposition

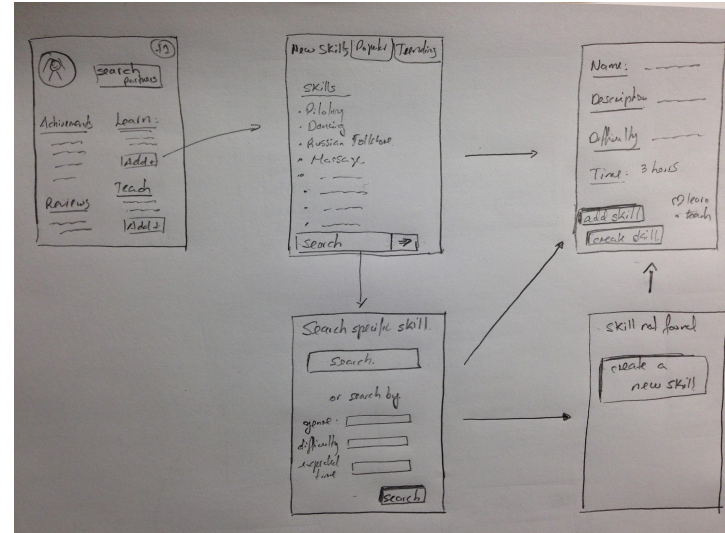
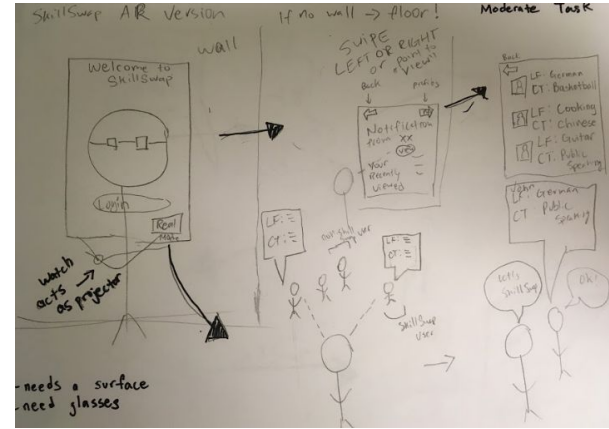


Team mission statement/value proposition



Selected interface/rationale

- AR vs Mobile
- Chose mobile platform
- Phone most accessible



Low-fi Prototype Structure

My profile Home

Skills

- Baking
- Sewing
- Knitting
- Crocheting
- Sewing and Quilting
- Sewing on a Sewing Machine
- Sewing on fabric
- Sewing for beginners
- Sewing class
- Sewing

Skills

Search specific skills

Search for skills

or search by your interests

interests

interests

My Skills

Discover your skills and interests

Discover your skills and interests

My Skills

Discover your skills and interests

Discover your skills and interests

My Skills

Discover your skills and interests

Discover your skills and interests

My Skills

Discover your skills and interests

Discover your skills and interests

Availability

Calendar

	M	T	W	T	F	S	S
Jan 1							
Jan 2							
Jan 3							
Jan 4							
Jan 5							
Jan 6							
Jan 7							
Jan 8							
Jan 9							
Jan 10							
Jan 11							
Jan 12							
Jan 13							
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Jan 15							
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Jan 17							
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Jan 22							
Jan 23							
Jan 24							
Jan 25							
Jan 26							
Jan 27							
Jan 28							
Jan 29							
Jan 30							
Jan 31							

Time of Day

Start

End

Continue

Skills

your interests

your interests

your interests

your interests

your interests

your interests

Skills

your interests

your interests

your interests

your interests

your interests

your interests

Skills

your interests

your interests

your interests

your interests

your interests

your interests

We hope you've enjoyed SkillsSwap

Rate your partner As a Teacher

★★★★★

Student

★★★★★

Feedback

OK

Skills

your interests

your interests

your interests

your interests

your interests

your interests

Skills

your interests

your interests

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your interests

Congratulations!

You've learned the skill

Would you like to add it to skills you can teach?

Yes!

No thanks

Communication

Let's meet

Check on how you like

In person

Our Video

Show my work

Continue

Request

Send

Envelope icon

Great!

You've been matched up!!!

Start Messaging

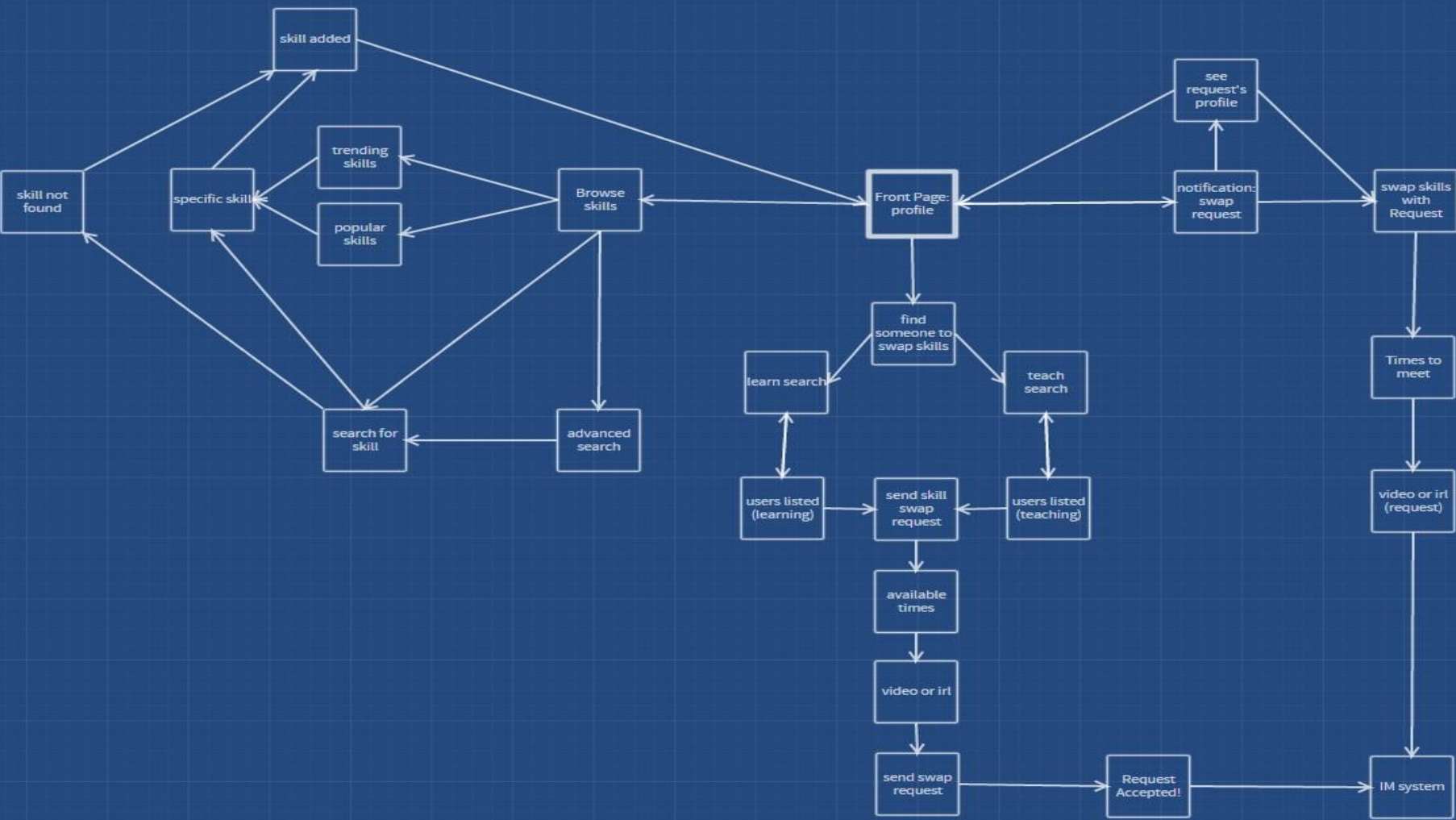
Back to Home

Say Hello!

Hello!

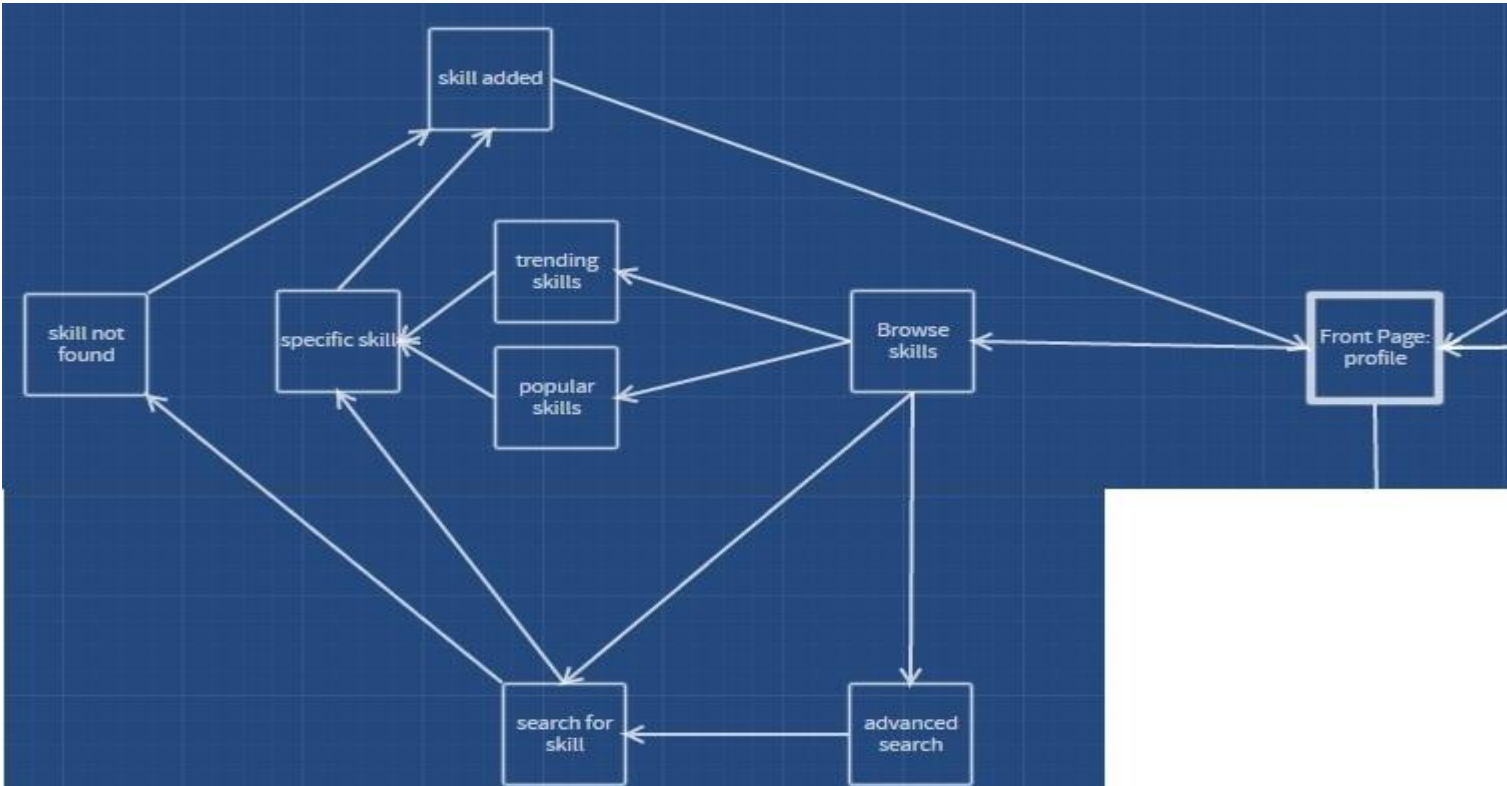
Message icon

Next arrow

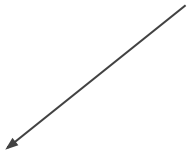
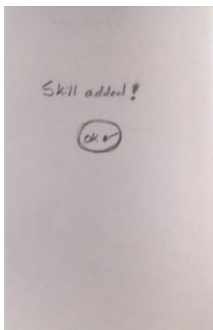
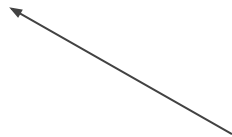
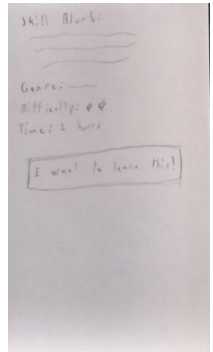
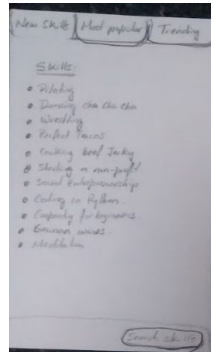
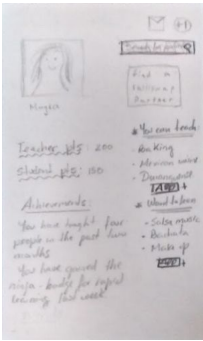


Task 1

Let others know you want to learn something

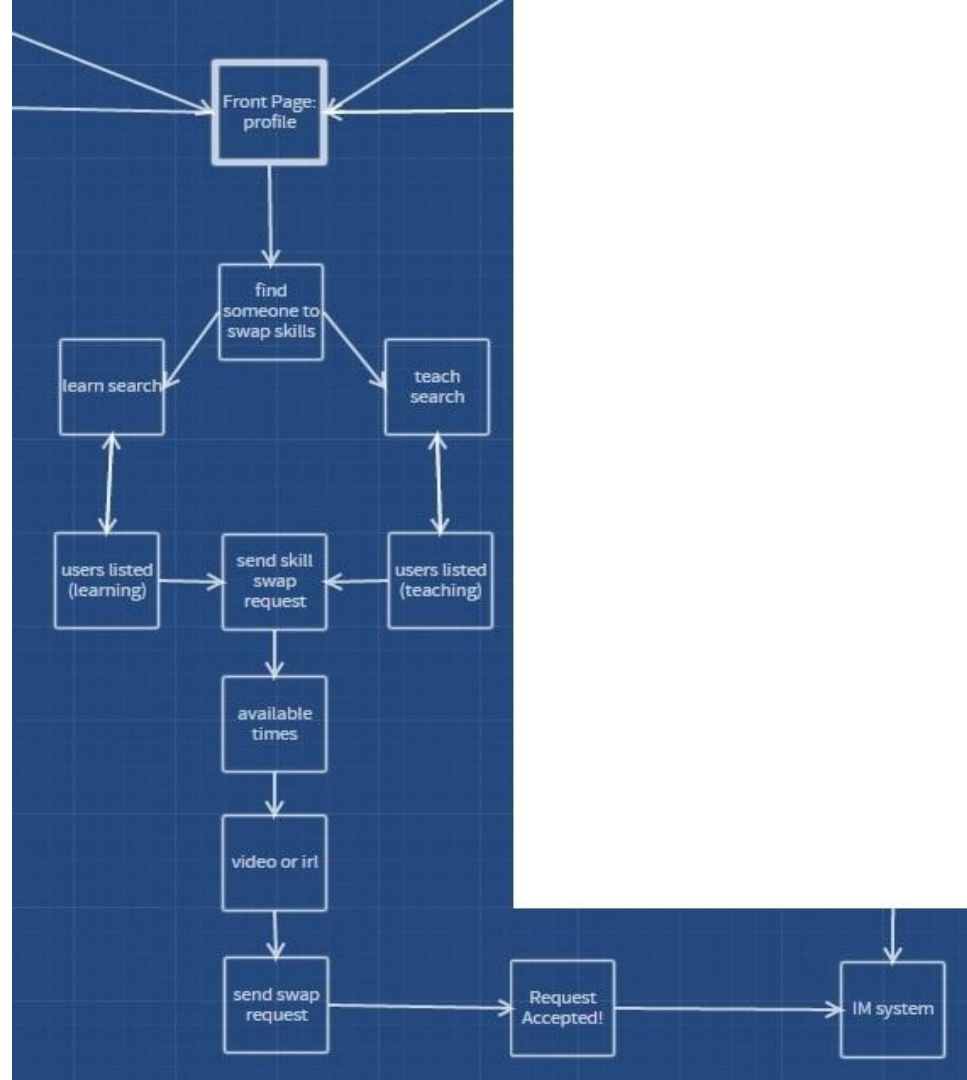


Let others know you want to learn something



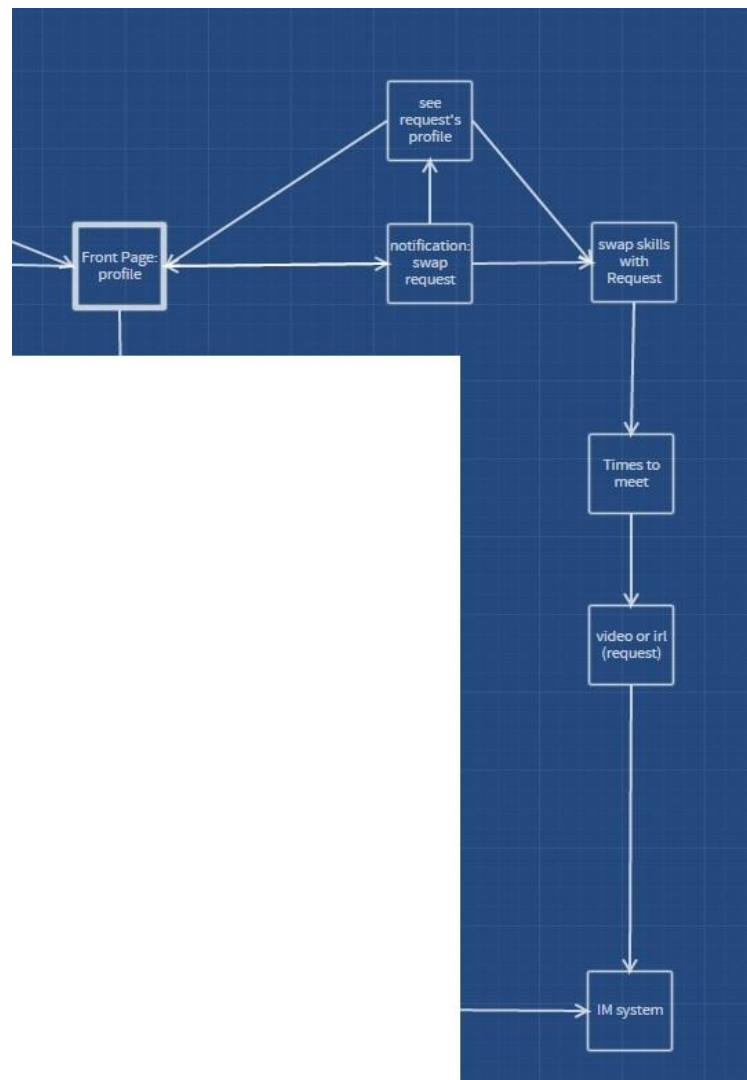
Task 2

**Find a partner to
teach and learn
from**



Task 3

**Teach a skill
you've learned to
someone new**



Experimental method

— — —

1. Secured an environment with a desk
2. Consent form
3. Task 1
4. Task 2
5. Task 3
6. Took notes on testing measures
7. Debrief

Experimental results

- Confused about search bar
- Tried clicking on unclickable items
- Profile selection not obvious
- Safety concerns



Experimental results

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Experimental results

- Confused about search function
- Comments about expertise level
- Took too many steps to SkillSwap
- Safety concerns



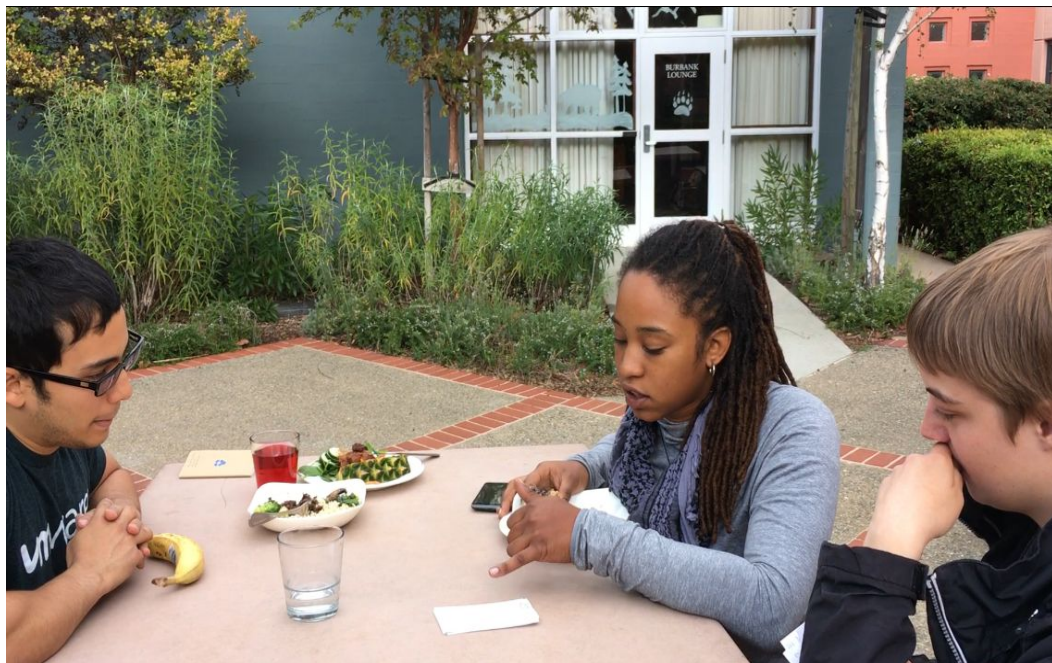
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Experimental results

- Navigation intuitive
- Profile selection not obvious
- Felt anxious at the idea of meeting others
- Wondered if there was a way to just learn



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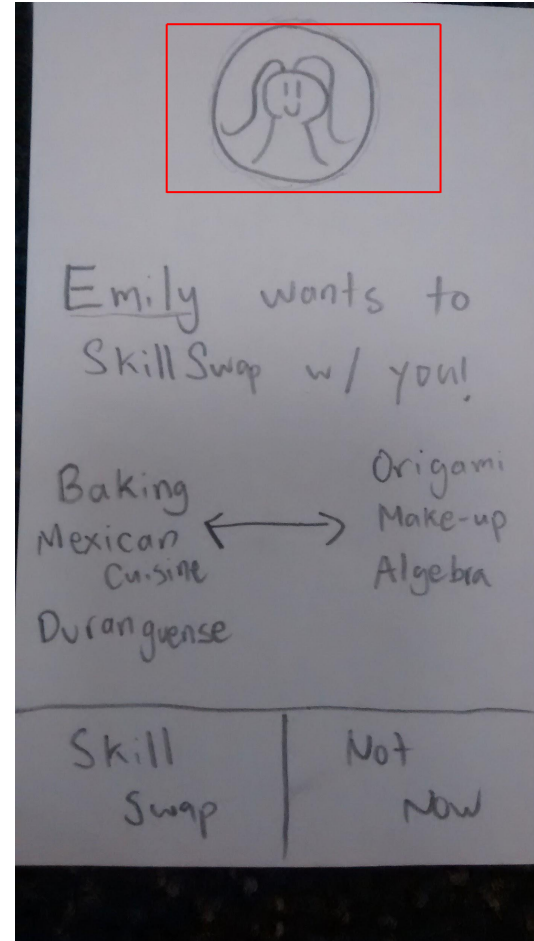
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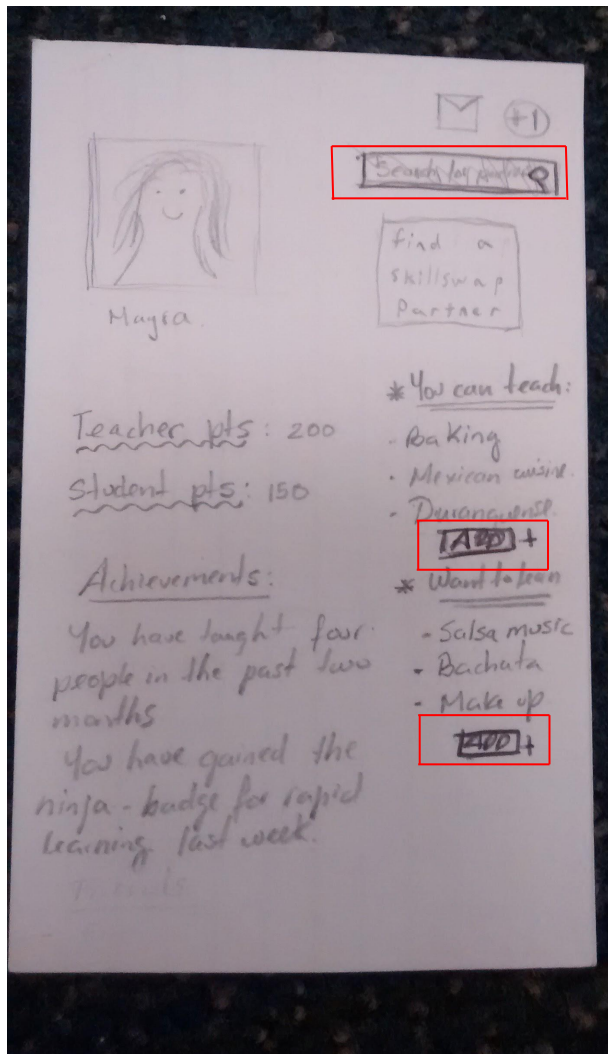
Suggested UI edits

- More obvious profile link
- Integrated search function
- Easier messaging



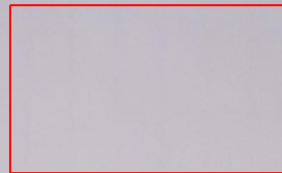
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Suggested UI edits

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- Integrated search function
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Name: Bob

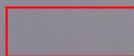
Can teach: biking, salsa,
fencing

Wants to learn: programming
Mexican cuisine
dancing

Reviews: ★★

- Bob answers questions really well.
- He is sometimes late.
- He is alright.

Location: Mountain View.



Canal X

swap skills with
Bob ✓

Summary

Thanks! Questions?