

Skillswap: Prototype 2

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Crystal T, Dana M**

Introduction

The Problem

Struggling students often can't get help in their hour of need, and there is untapped potential of students helping each other.

The Solution

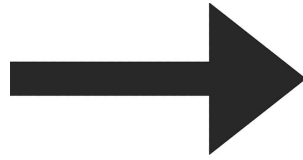
**With SkillSwap,
students can get
immediate in-person
help from other
students, and
everyone takes on the
role of both a learner
and a teacher.**

Changes

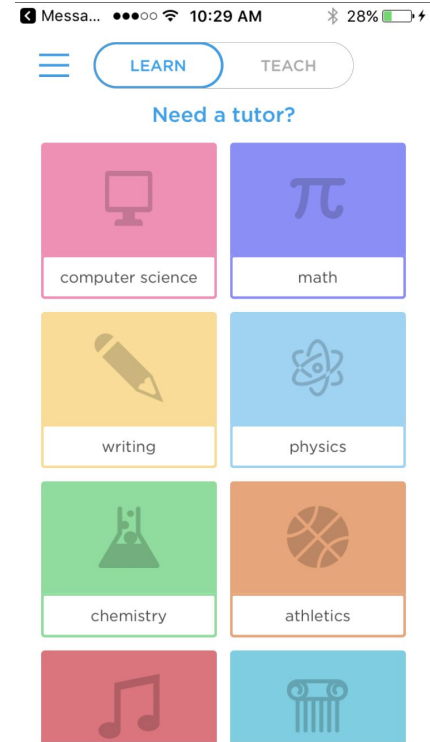
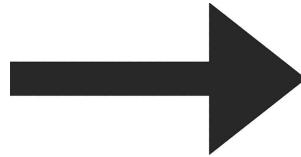
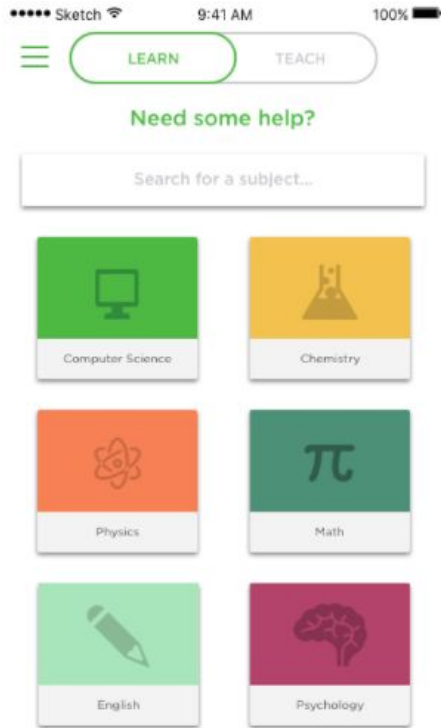
Major changes



Marvel



Major changes



Major Changes

- Database
- Designated public meeting locations
- Waiting page

Messa... ●●○○○ 10:31 AM 29%



Summary

Need help with Karel

Detail

I cannot figure out how to make Karel turn right! The robot only wants to turn left over and over again. Please send help.

Subject - Focus

Computer Science - CS 106A



Green Library



10 minutes

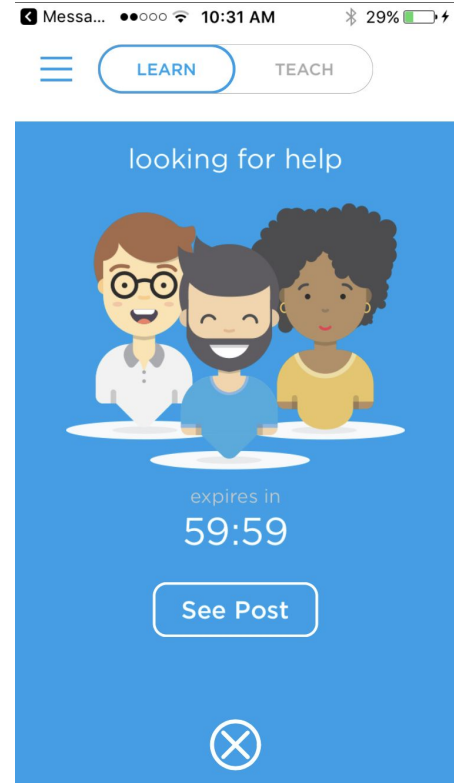
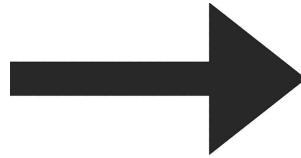
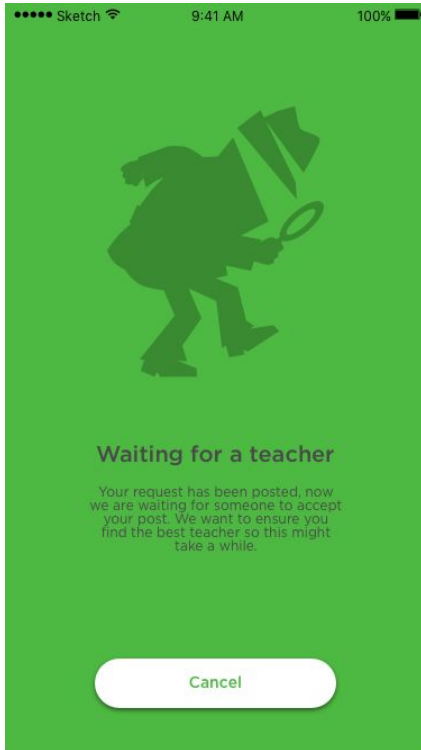
POST

Backend

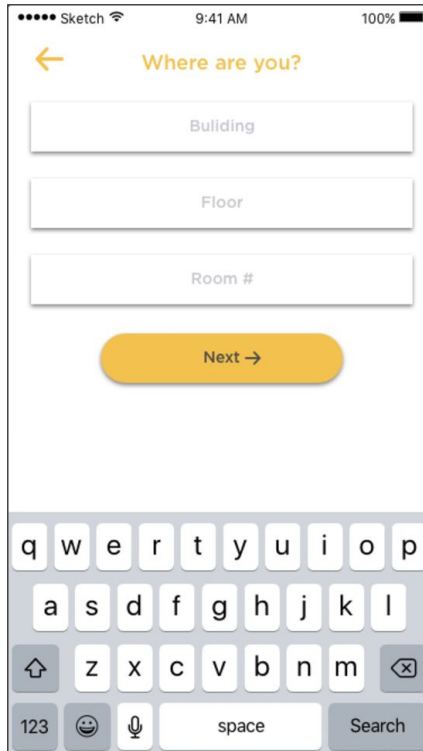
- Heroku
- Node.js
- SQL
- PostGres



Waiting Page



Public Locations



Sketch 9:41 AM 100%

← Where are you?

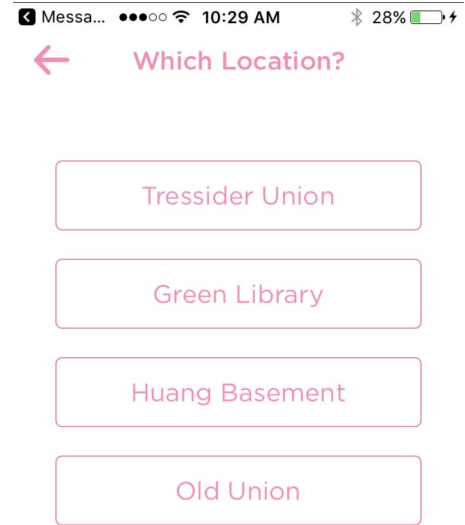
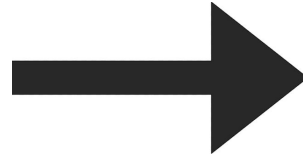
Building

Floor

Room #

Next →

q w e r t y u i o p
a s d f g h j k l
↑ z x c v b n m ↵
123 😊 🗣️ space Search



Messa... 10:29 AM 28%

← Which Location?

Tressider Union

Green Library

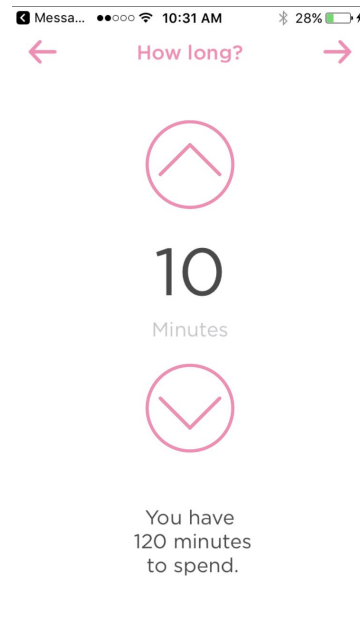
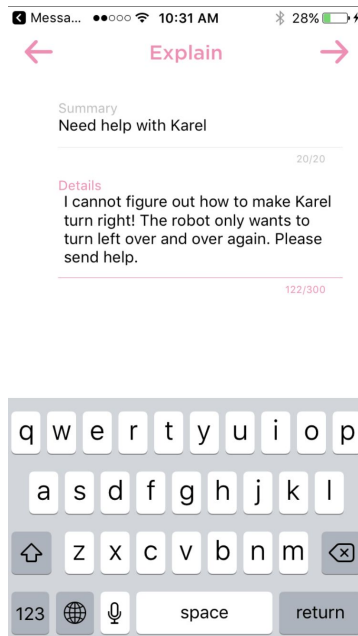
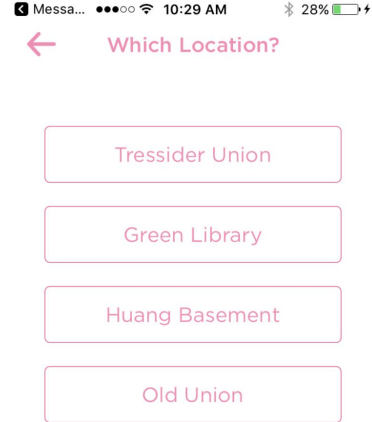
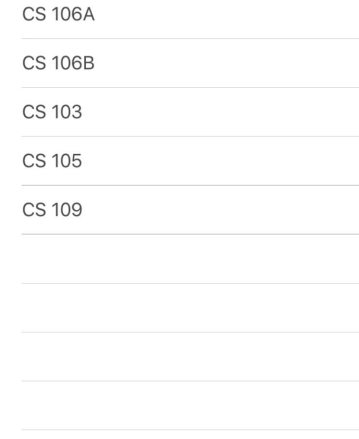
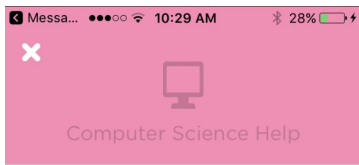
Huang Basement

Old Union

Task Flow

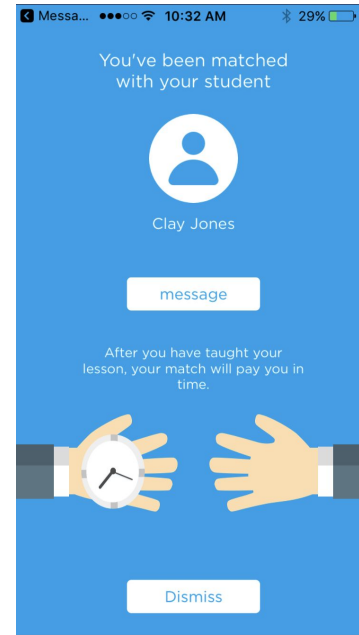
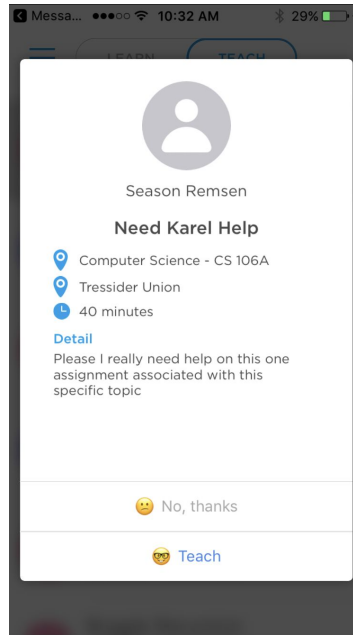
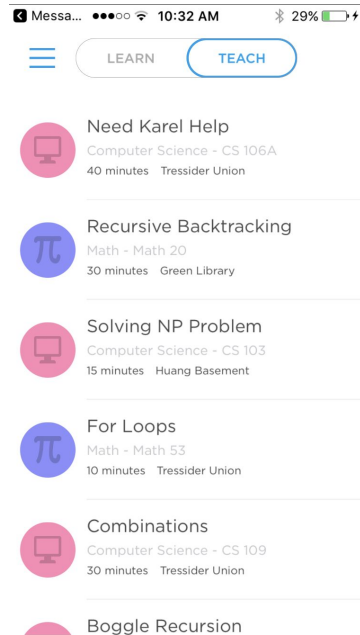
Task 1

Learner: Request for help on a topic



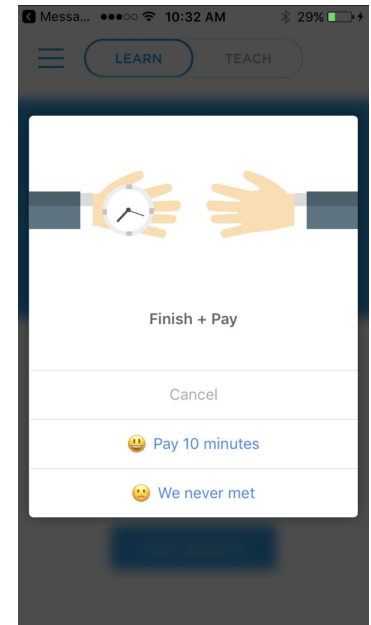
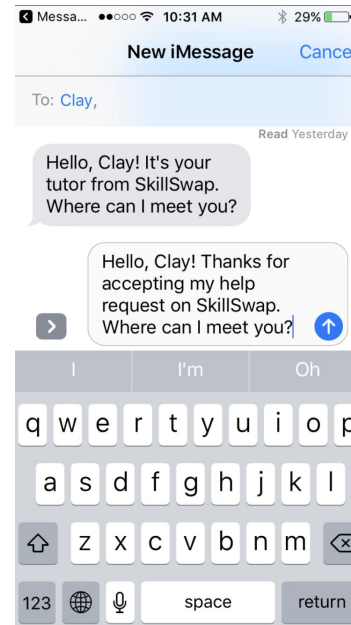
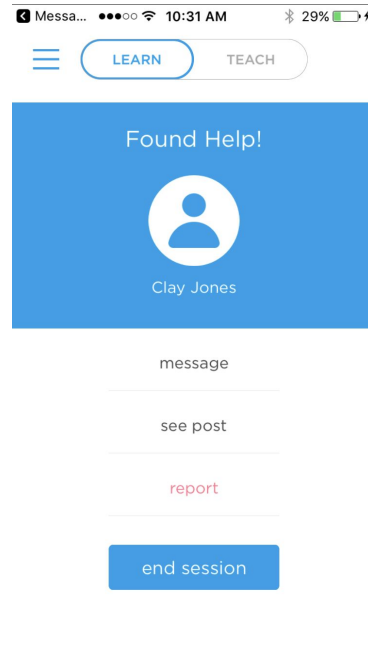
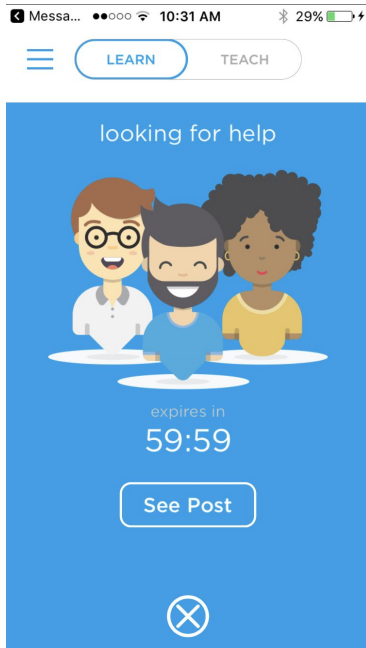
Task 2

Teacher: Accept a student's request



Task 3

Both: get together and finalize meetup



Future Plans

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- Dynamic Data
 - Replace “wizard-of-oz” dummy data

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 - Not require phone #'s

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 - Allow multiple devices to interact
- Karma System
 - Compare to time system

Thank You