Interactive Medium-Fi Prototype

Hello!

This is our team

Kerry Wang   Tatiana Grossman   Anna Wang

Knock

## Find Friends Everywhere

"

Travelers face two major pain points while traveling: they do not know people in the area, and they struggle to readjust back to normal life upon return. Our application helps people locate friends and potential new friends at their travel destination. This newly formed travel community will serve as points of contact upon returning home, allowing travelers to connect to the trip they just concluded.

Agenda

tasks

revised interface design

prototype overview
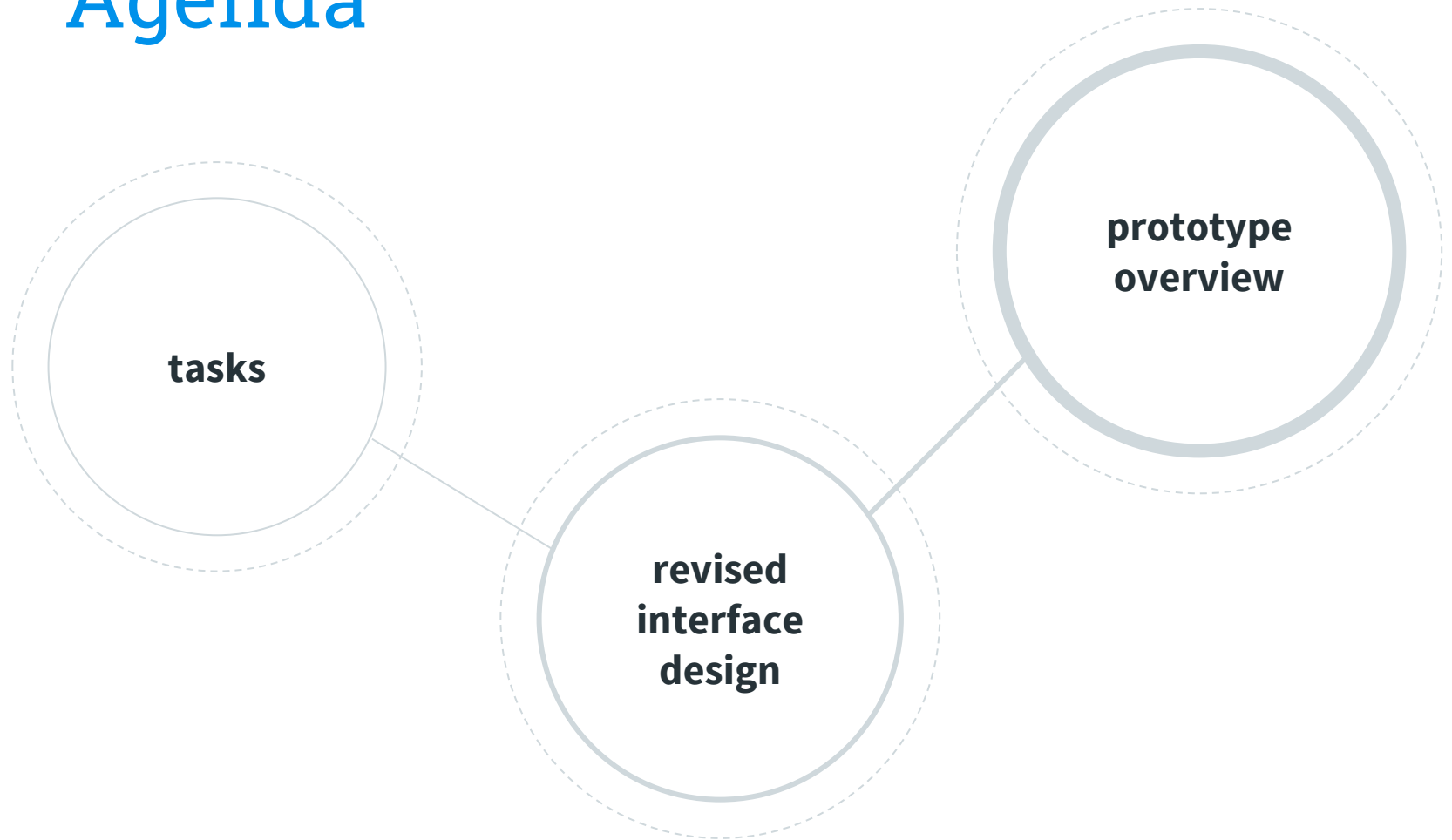
Tasks
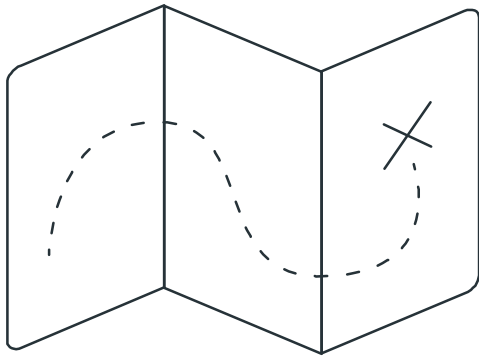
Task 1:

Find a person
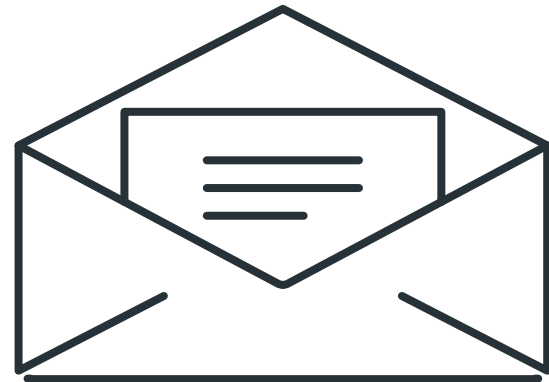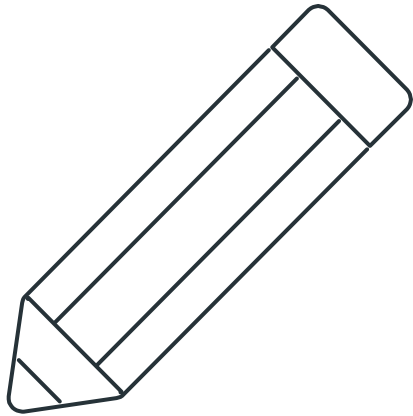you do <u>not</u>
know*

Medium

*changed

Task 2:

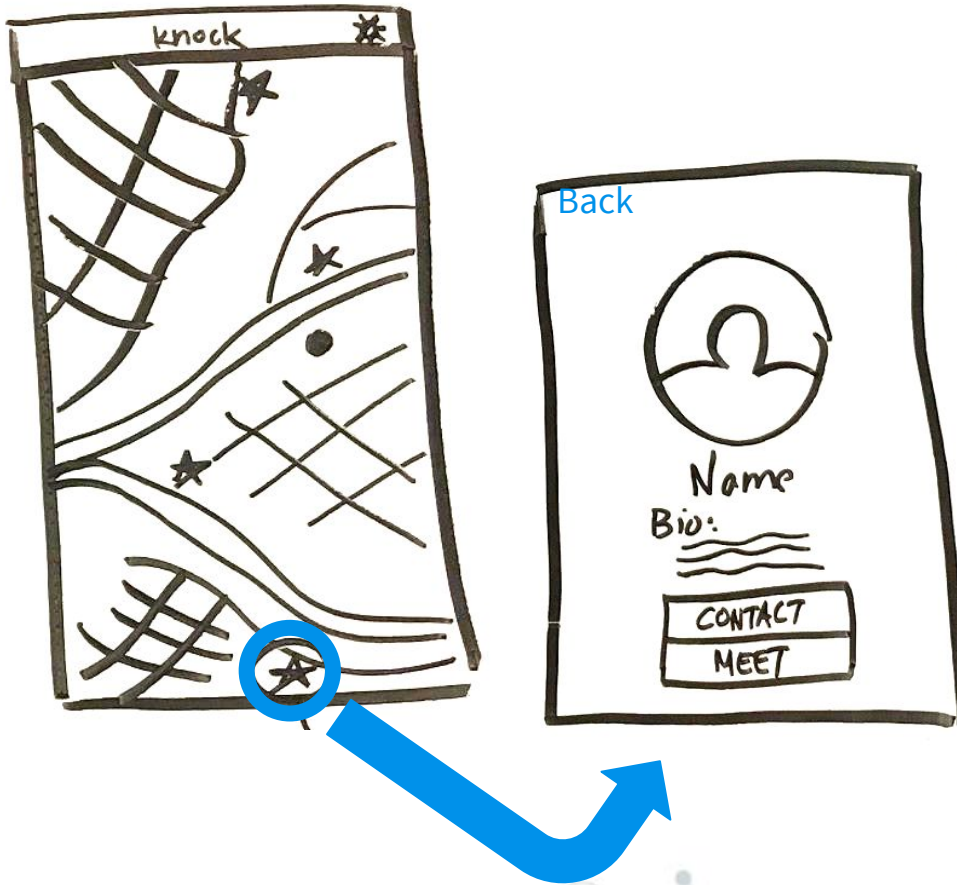Contact a
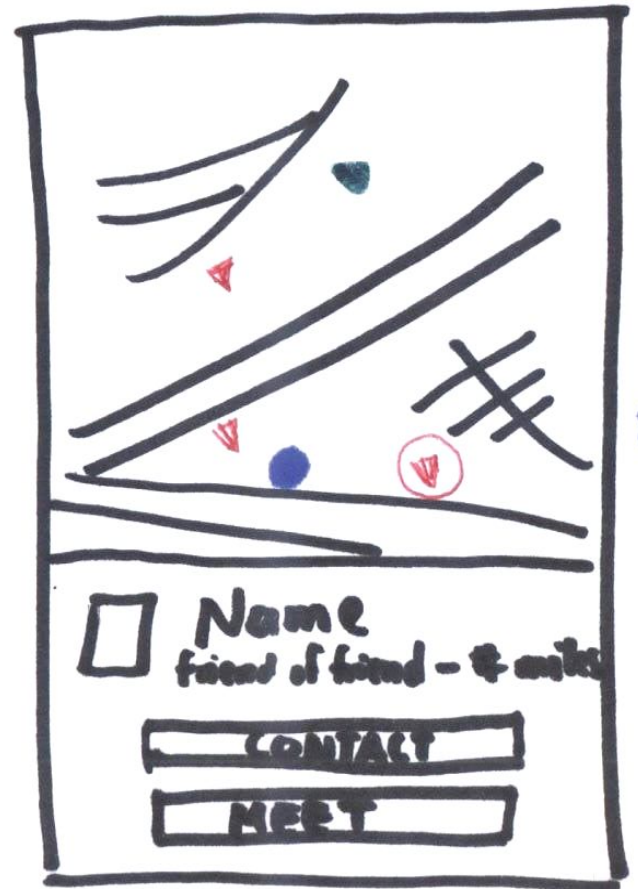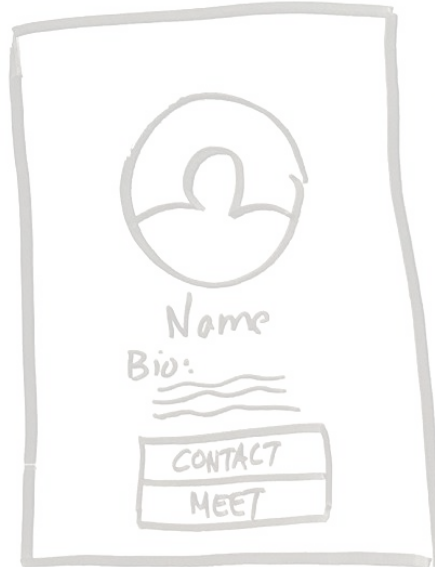Person

Simple

Task 3:

Meetup
with a
person

Complex

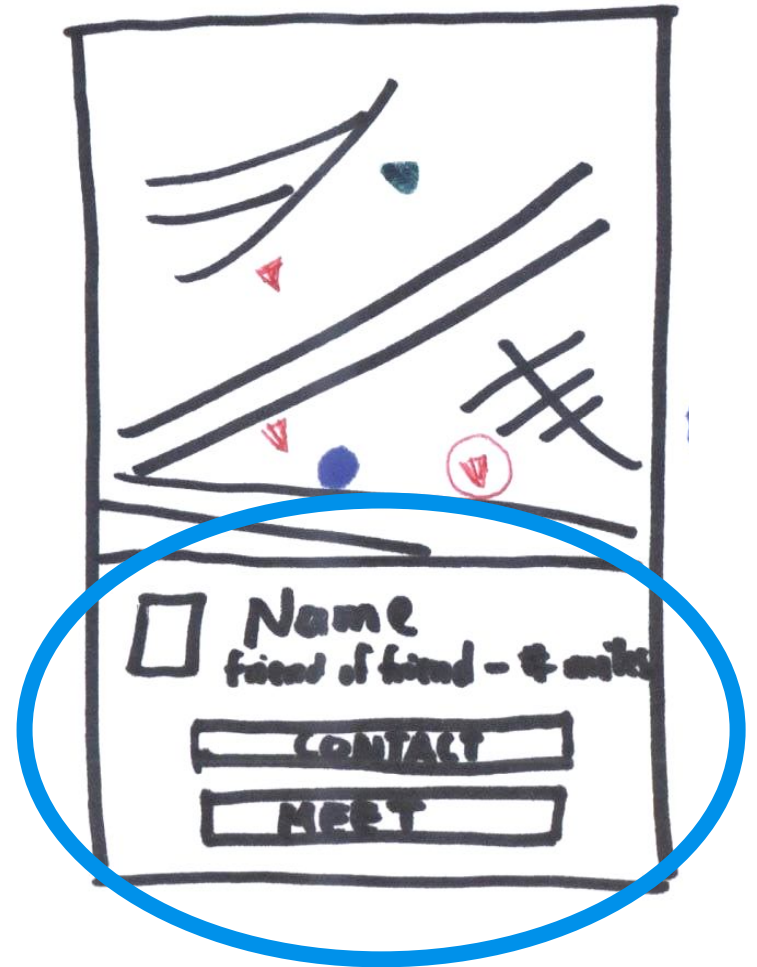# Revised Interface

Revision 1: Identifying People through Profile
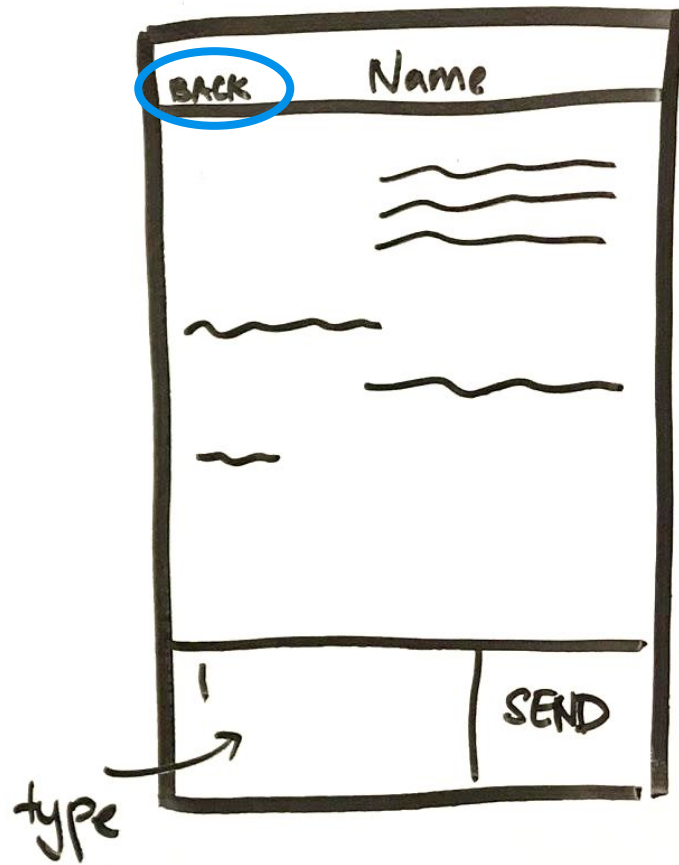
Revision 1: Identifying People through Profile
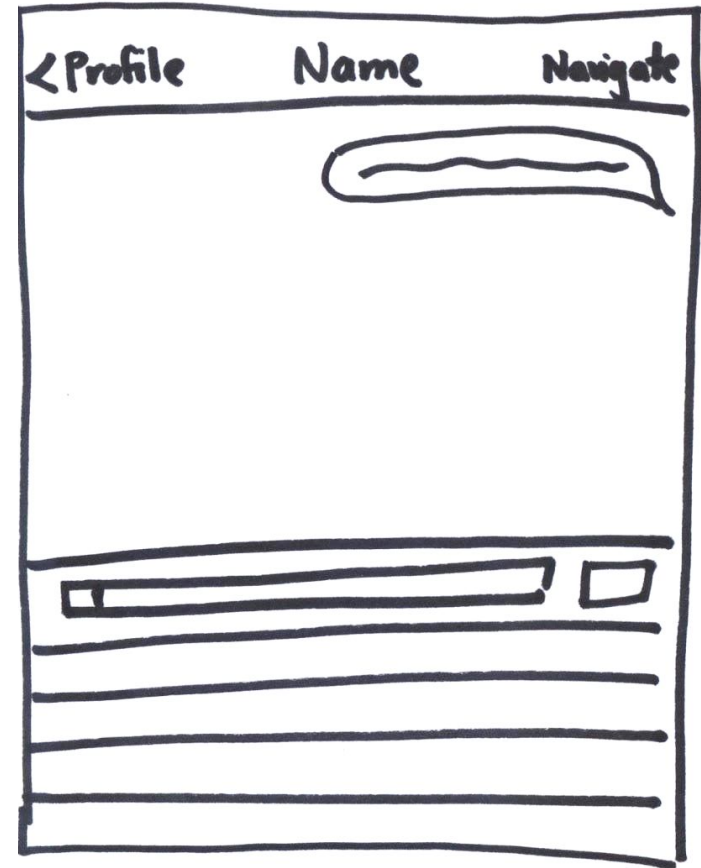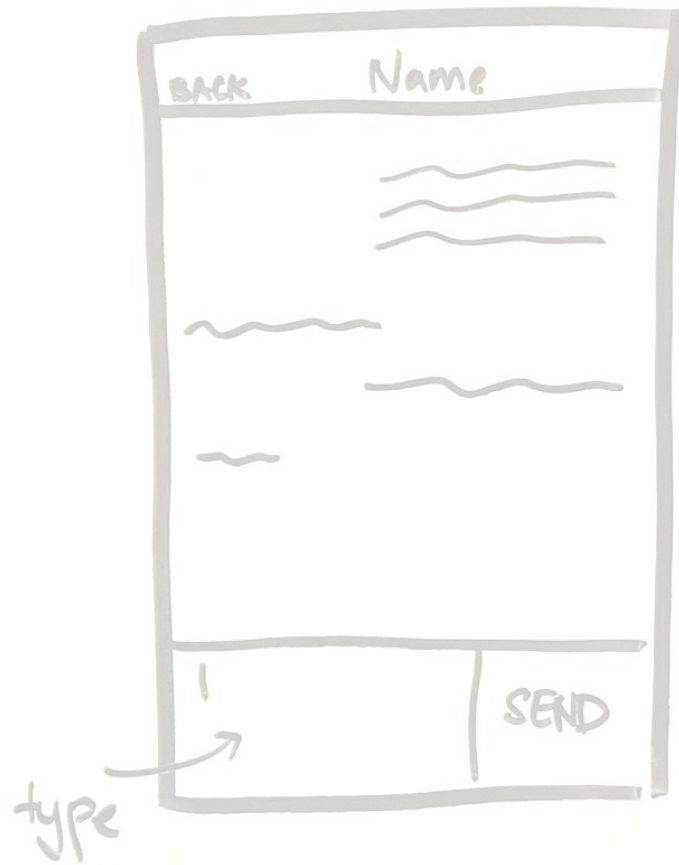
Revision 1: Identifying People through Profile

Simple Profile Overlay
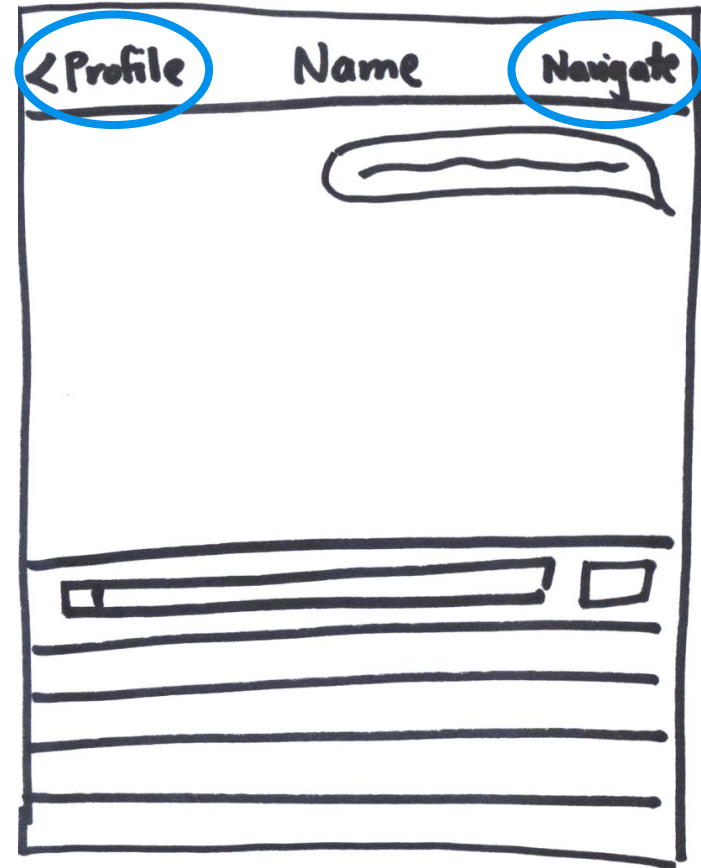Over the Map Interface

Revision 2: Chat to Meet Transition

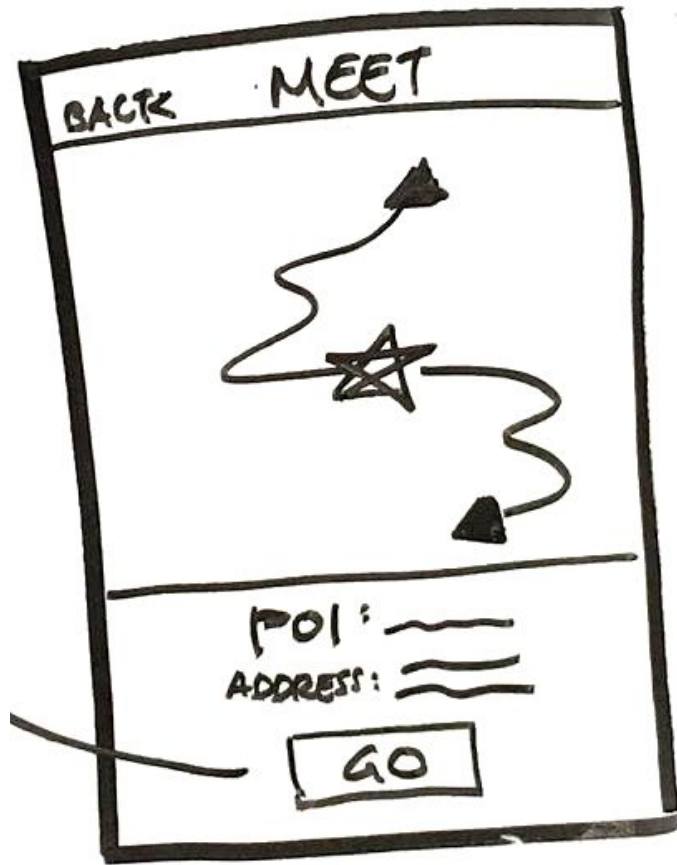# Revision 2: Chat to Meet Transition

Revision 2: Chat to Meet Transition

Clear button text

Direct access to meet up process from chat
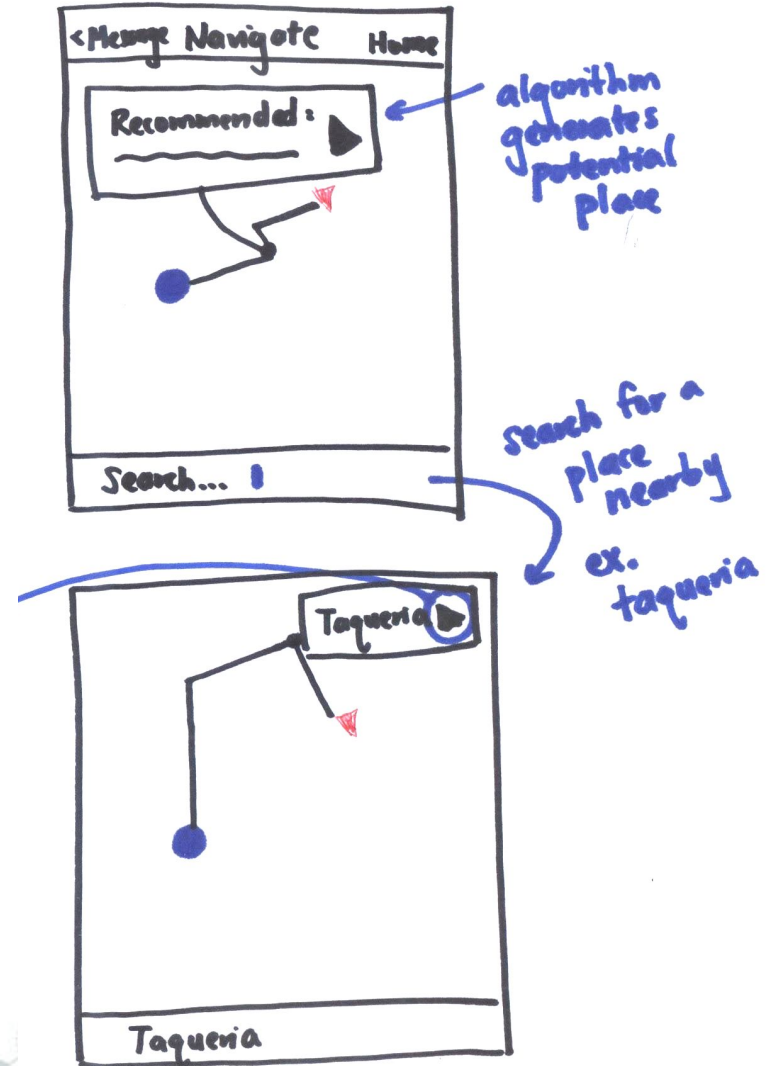
Revision 3: Meetup Process

Revision 3: Meetup Process

Revision 3: Meetup Process

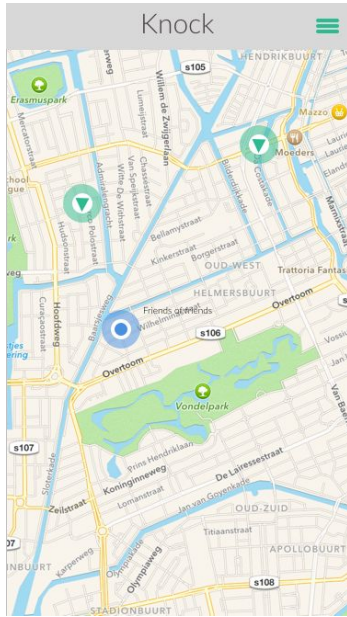New search bar where users can select meetup location

Task Flows

Task Flow 1:

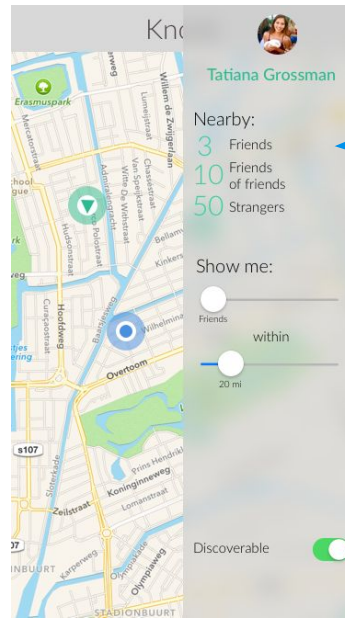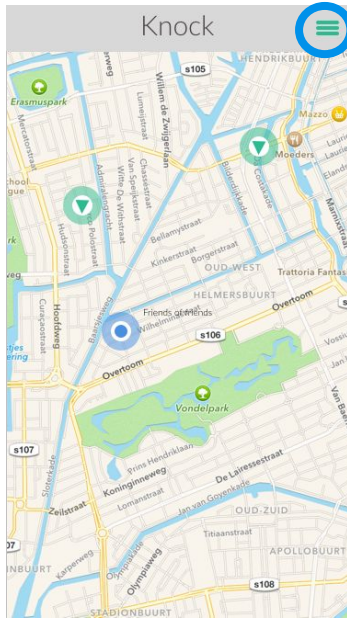# Find a person you do not know

initial map screen

● = you

▼ = nearby friends

initial map screen

● = you

▼ = nearby friends

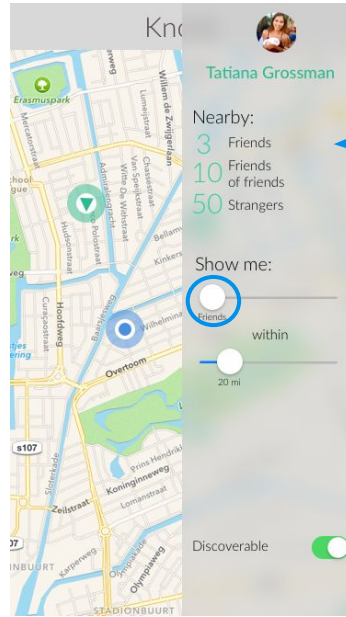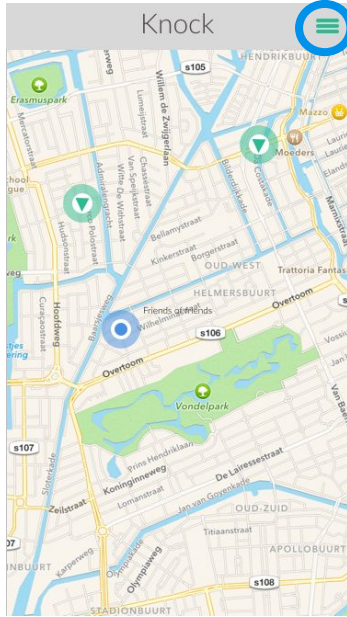slide-out menu

Knock

Tatiana Grossman

Nearby:
3 Friends
10 Friends of friends
50 Strangers

Show me:

Friends

within

20 mi

Discoverable

initial map screen

● = you

▼ = nearby
friends

Knock

slide-out
menu

Tatiana Grossman

Nearby:
3 Friends
10 Friends
   of friends
50 Strangers

Show me:

Friends

within

20 mi

Discoverable

move
knob for
"friends
of
friends"

Tatiana Grossman

Nearby:
3 Friends
10 Friends
   of friends
50 Strangers

Show me:

Friends of friends

within

20 mi
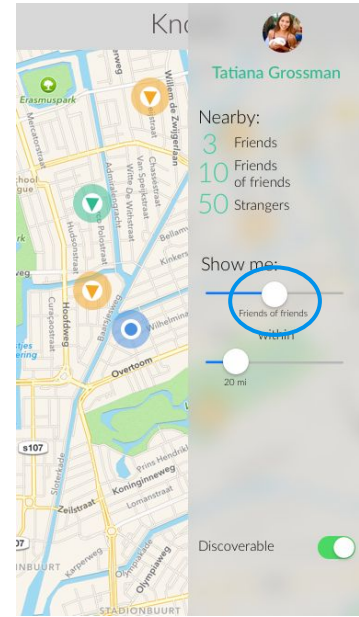
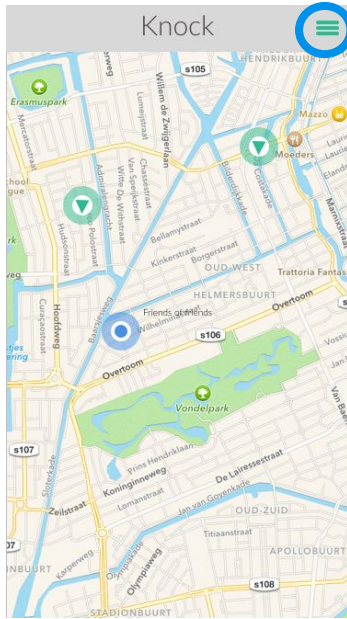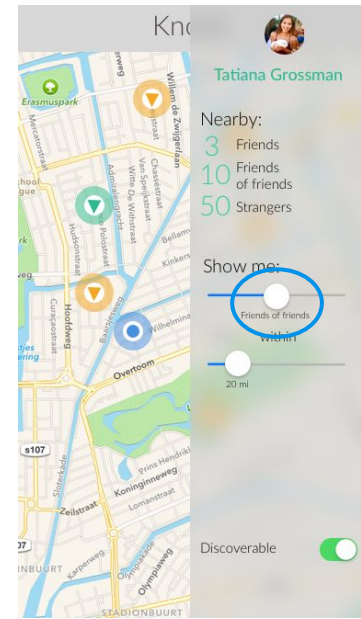Discoverable

initial map screen
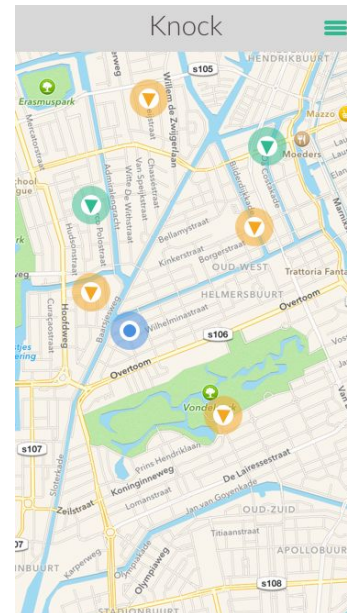
● = you

▼ = nearby friends

slide-out menu

move knob for "friends of friends"

tap the map to exit menu

map dynamically responds to settings
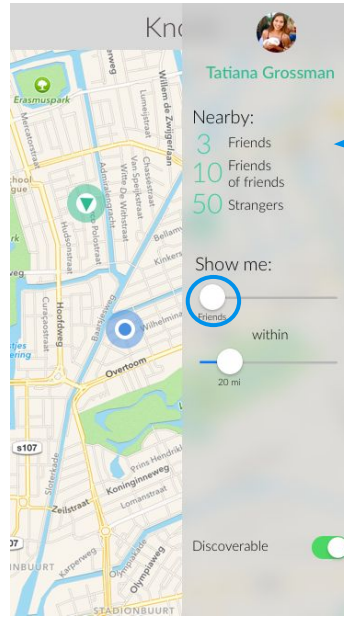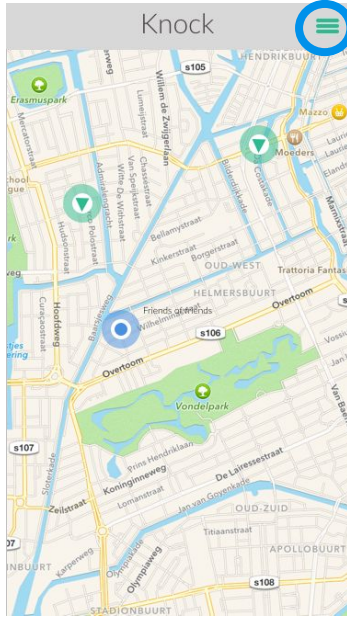
Knock

Tatiana Grossman

Nearby:
3 Friends
10 Friends of friends
50 Strangers

Show me:
Friends

within

20 mi

Discoverable

Tatiana Grossman

Nearby:
3 Friends
10 Friends of friends
50 Strangers

Show me:
Friends of friends

within

20 mi

Discoverable

Knock

initial map screen

● = you

▼ = nearby
friends

slide-out
menu

move
knob for
"friends
of
friends"

tap the map
to exit menu

tap on
triangles to
explore
nearby people

map
dynamically
responds to
settings
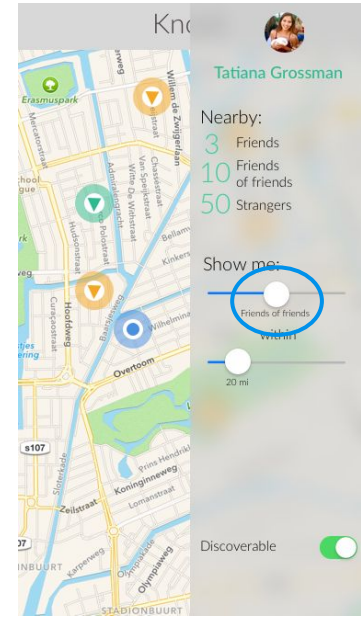
person's
profile
appears at the
bottom

Tatiana Grossman

Nearby:
3 Friends
10 Friends
   of friends
50 Strangers

Show me:

Friends

within

20 mi

Discoverable

Knock

Felicia Hall
Friend of Friend - 10 miles away

Contact

Meet

Task Flow 2:

Contact a Person
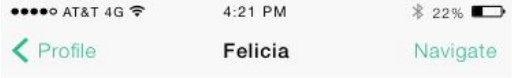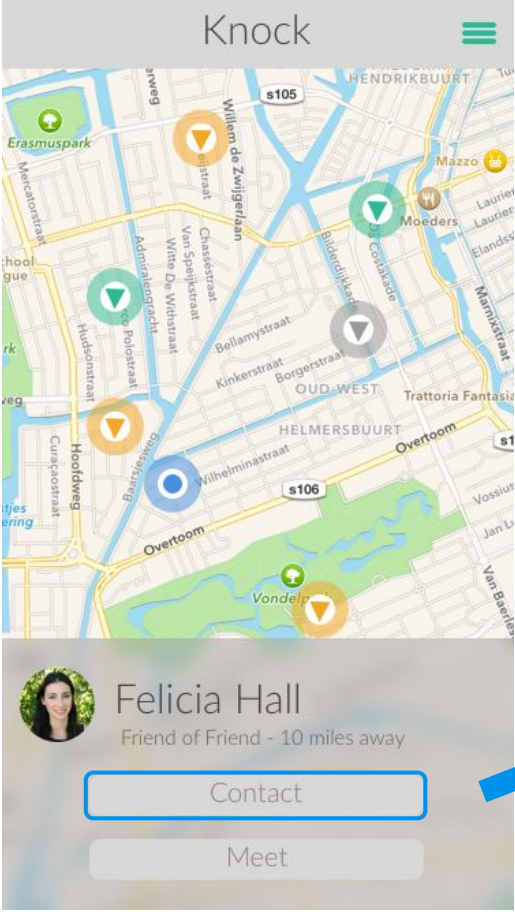
person's location is shown with by the ▼

person's profile is shown at the bottom of the screen
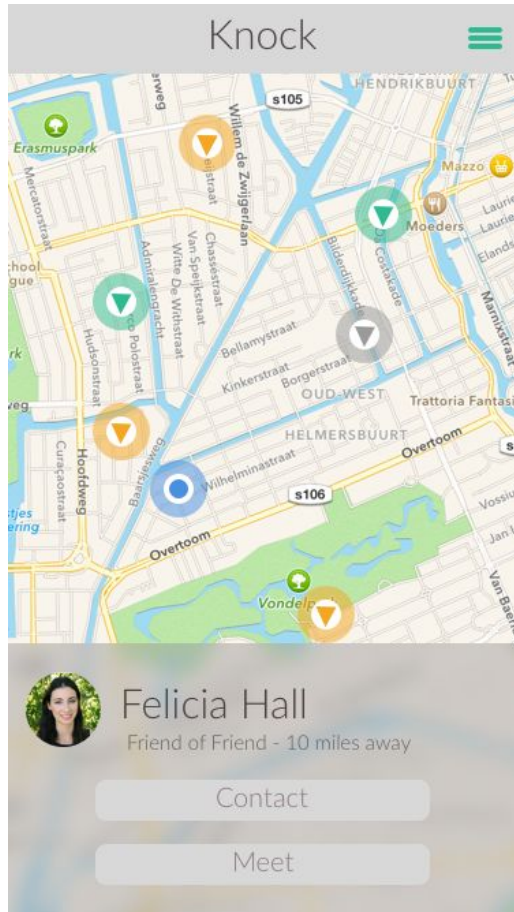
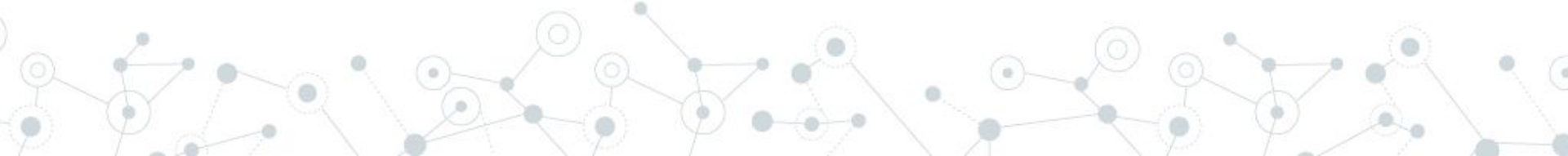"Profile" button takes user to the chat buddy's main profile page

person's location is shown with by the ▼

person's profile is shown at the bottom of the screen

press "Contact" to enter in-app chat

Task Flow 3:

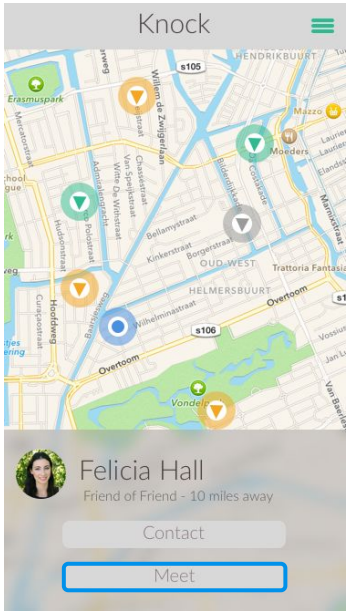# Meetup with a Person

Knock

Felicia Hall
Friend of Friend - 10 miles away

Contact

Meet

Hey, wanna meet up?

iMessage

| I | The | I'm |

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   go
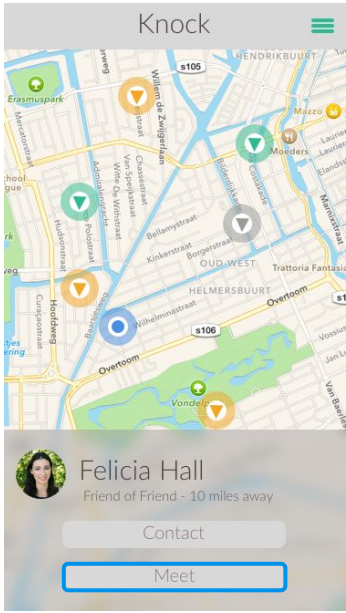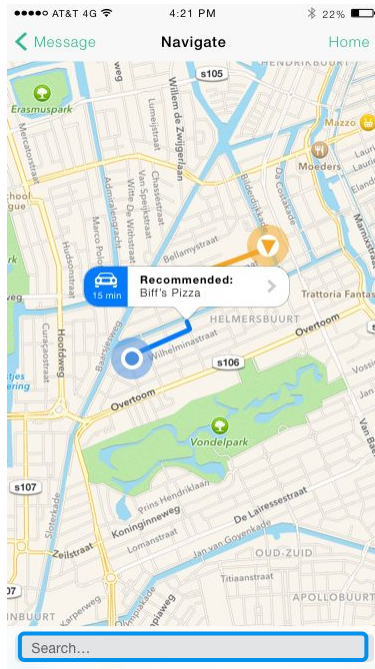
Knock

Felicia Hall
Friend of Friend - 10 miles away

Contact

Meet

enter meetup
process by
pressing
either
"Contact" or
"Navigate"

Navigate
Home

Message   Navigate

Recommended:
Biff's Pizza

Search…

Profile   Felicia   Navigate

Hey, wanna meet up?

iMessage

I   The   I'm

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

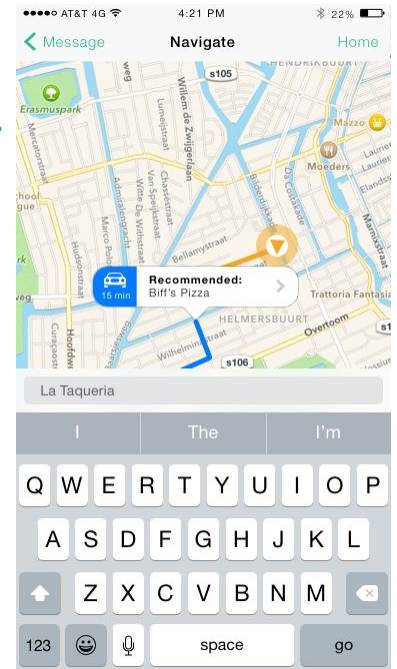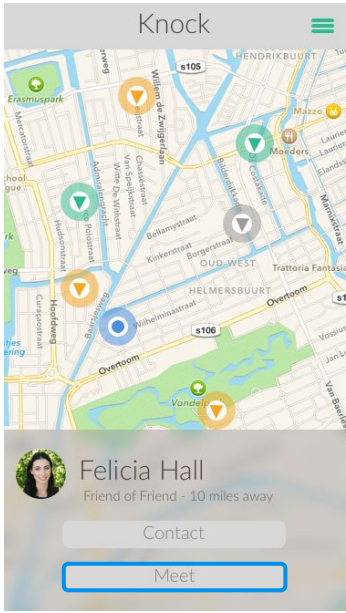123   space   go
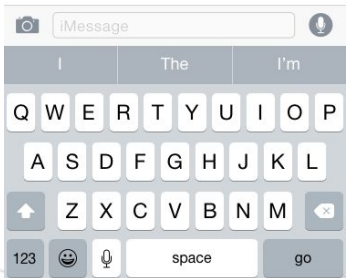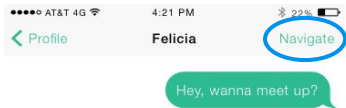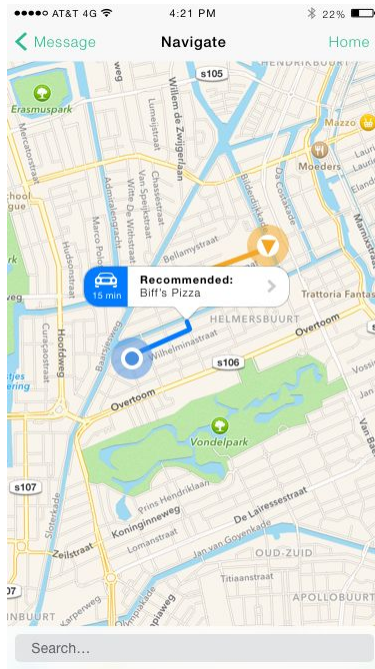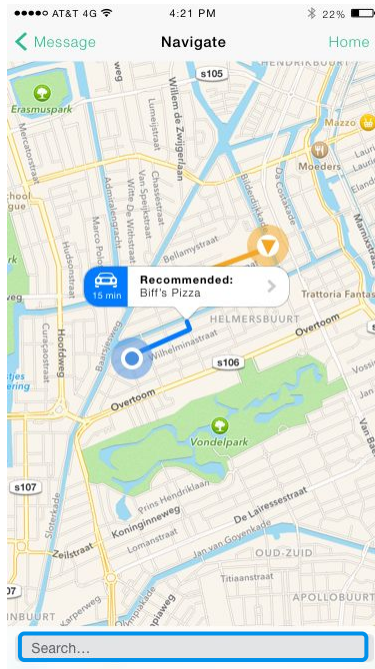
enter meetup process by pressing either "Contact" or "Navigate"

to enter own destination, tap the "Search" box
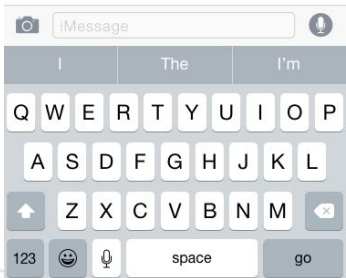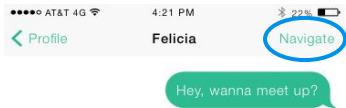
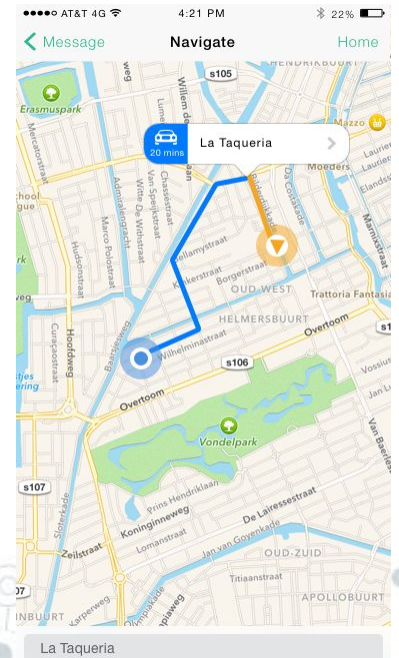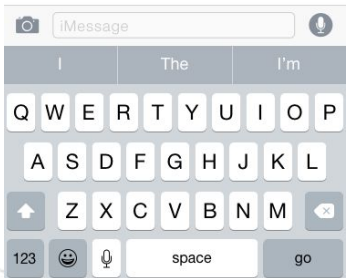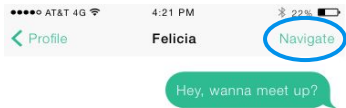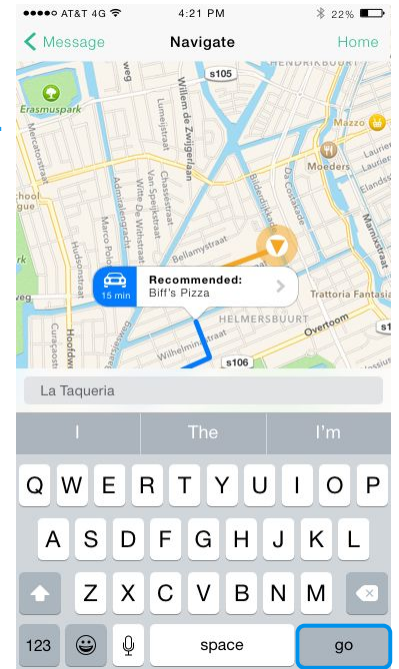enter meetup process by pressing either "Contact" or "Navigate"
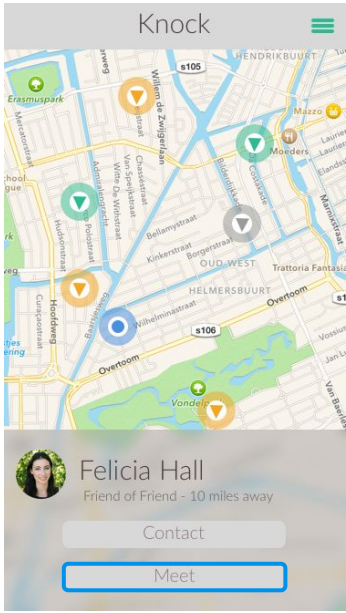
to enter own destination, tap the "Search" box
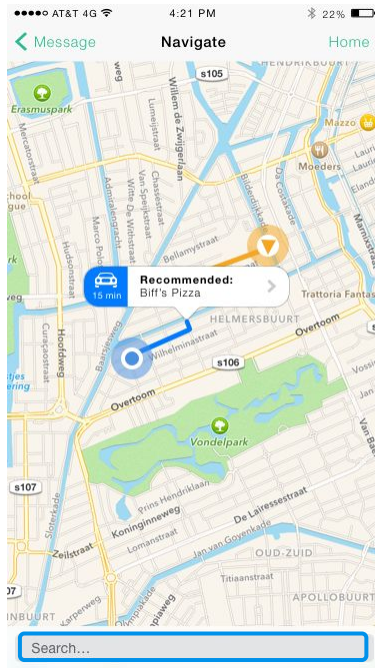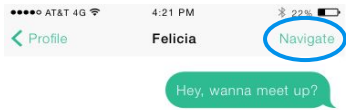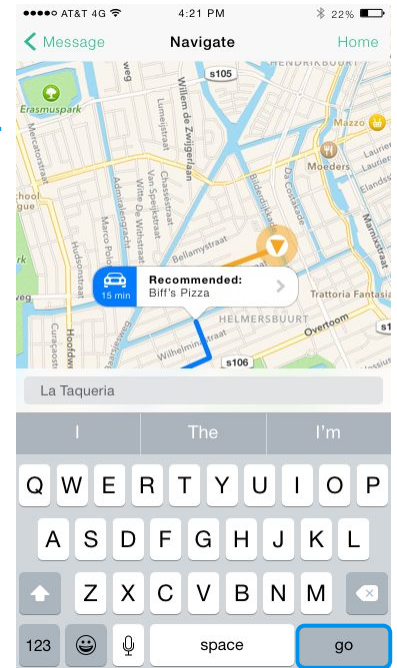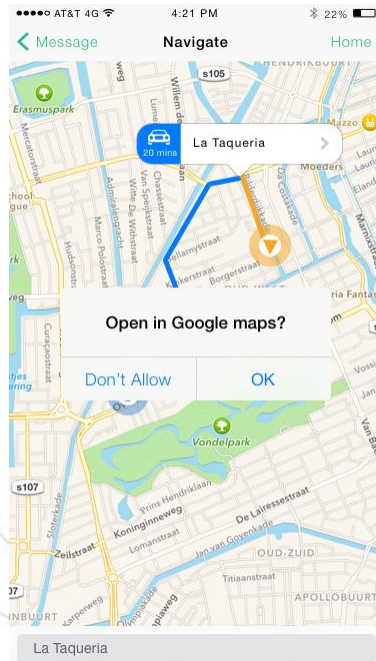
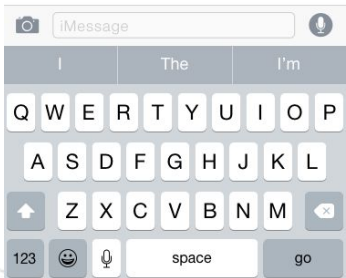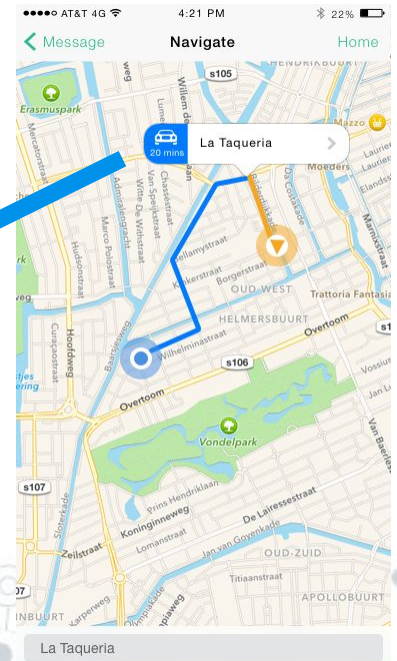**enter meetup process by pressing either "Contact" or "Navigate"**

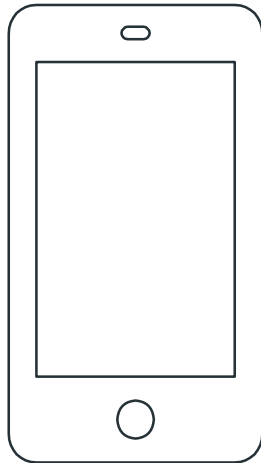**to enter own destination, tap the "Search" box**

select "OK" to use Google Maps for navigation

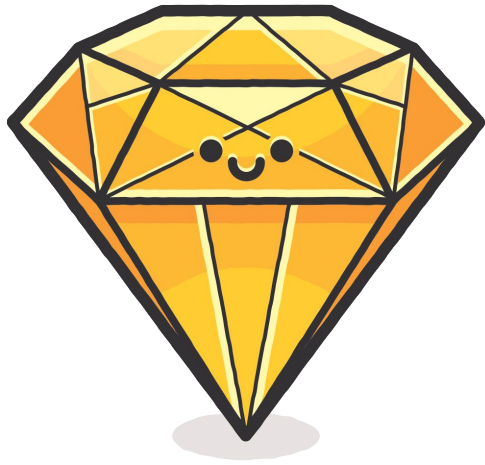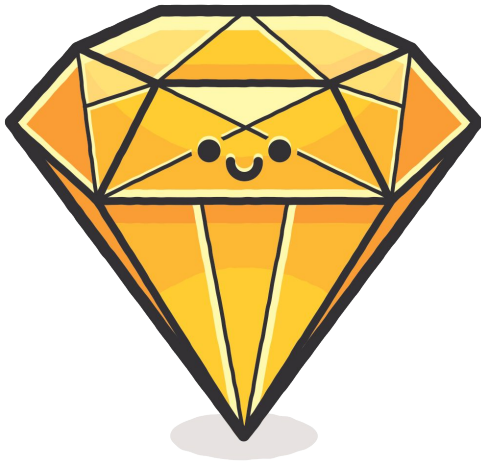**tap the car**

Prototype Overview

Sketch

Marvel

Sketch

Marvel

PROS
- helpful UI design templates for iOS
- clean design

CONS
- difficult to navigate layers
- no responsive map interface

Sketch

Marvel

PROS
- helpful UI design templates for iOS
- clean design

CONS
- difficult to navigate layers
- no responsive map interface

PROS
- provides interaction capability
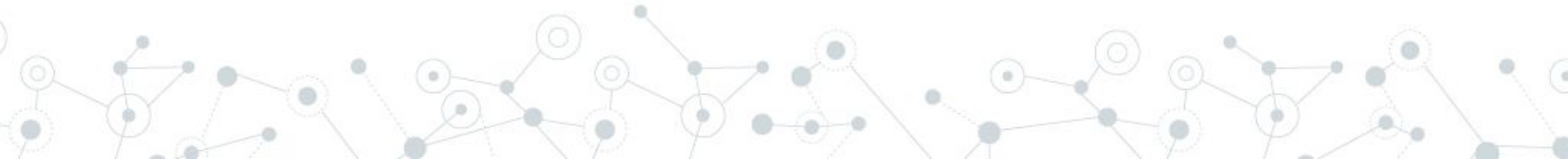
CONS
- limited prototype flow

Limitations/Trade-offs

Extra user profiles

Distance-adjustable
map interface

Real-time chat
messaging

Step-by-step navigation
directions

Limitations/Trade-offs

Extra user profiles

Distance-adjustable map interface

Real-time chat messaging

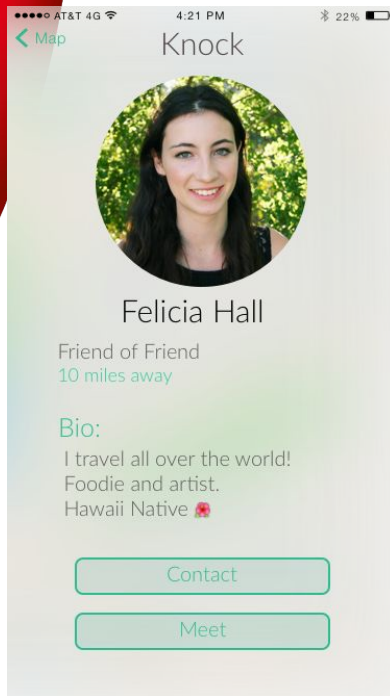Step-by-step navigation directions
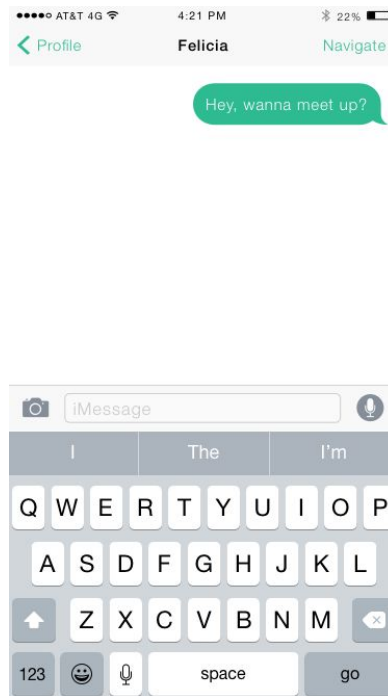
← **Streamlined, uncluttered task flow**

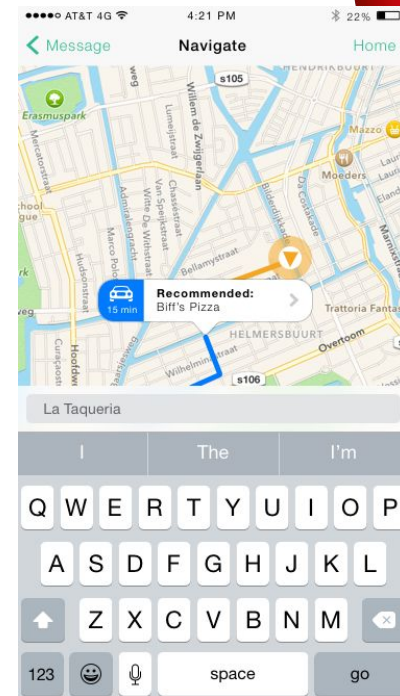No back-end software in medium-fi prototyping

The Wizard of Oz

Profiles

Chat

Location Input

Thanks!

Any questions?

http://web.stanford.edu/class/cs147/projects/mobility/knock_knock/