



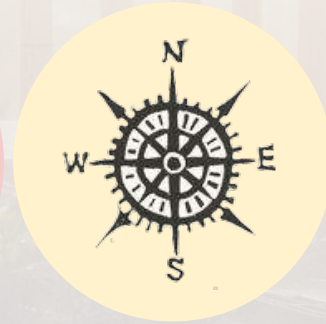
Serendipity

Jen Kang ♦ Tony Fan ♦ Brendan Lee

Meet Emily



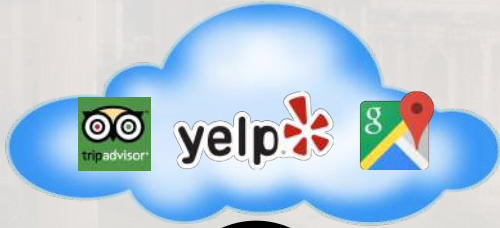
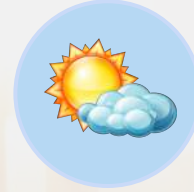
Emily



Emily's Current Process



Emily's Current Process



Emily's Current Process



Emily's Current Process



Traveling with Serendipity



Emily

+



Brainstorm

Journey
By Expedia

An offline app for exploring on the go

“ I travel to experience local culture and have fun. I usually make up my day-to-day plans on the go, however, **all of the public transportation I need to get to my plans can be a challenge.** ”

Our process

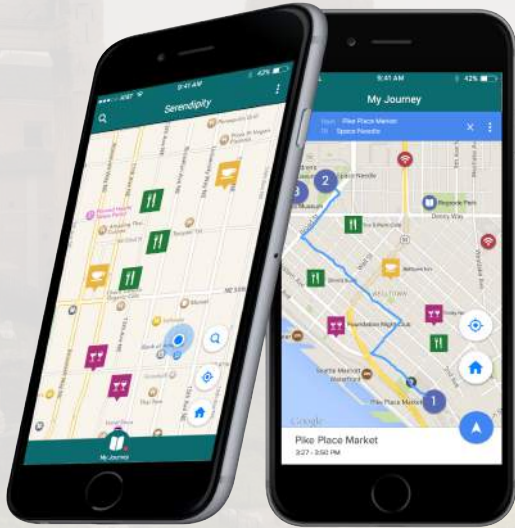
Key features

- Works offline
- Set a location as home
- Public transportation-focused
- Easy-to-use checkpoints

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- Inspired by 2015 HCDE Capstone Journey
- Enough CI & Interview Results
- Brainstorm Features

Design and Development



- User Scenarios
- App flows
- Initial Mockups
- From Android to iOS
- Storyboards for Main Scenarios
- New Suggested Features
- Usability Testing



Serendipity's Features



Plan



Journey



Share



Plan

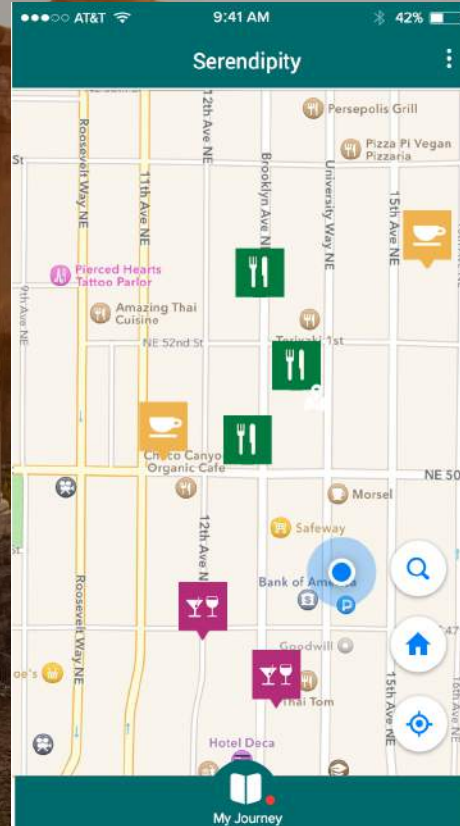
Explore

...

Add

...

Route





Plan

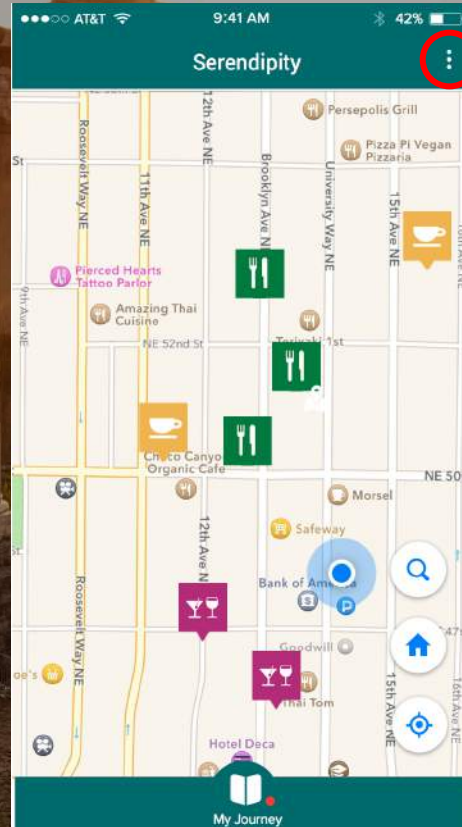
Explore

...

Add

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Route





Plan

Explore

Add

Route

AT&T 9:41 AM 42%

Filter Done

- All Categories
- My Journey
- Suggestions ✓
- Restaurants
- Hostels
- Attractions ✓
- Night Life ✓

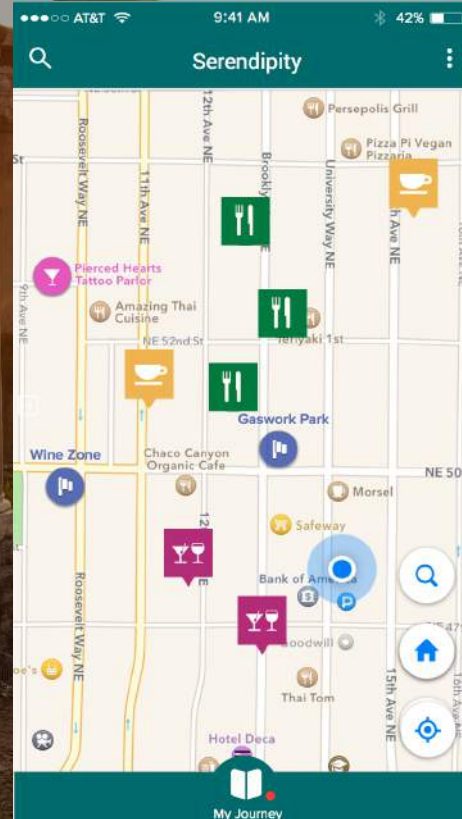


Plan

Explore

Add

Route





Plan

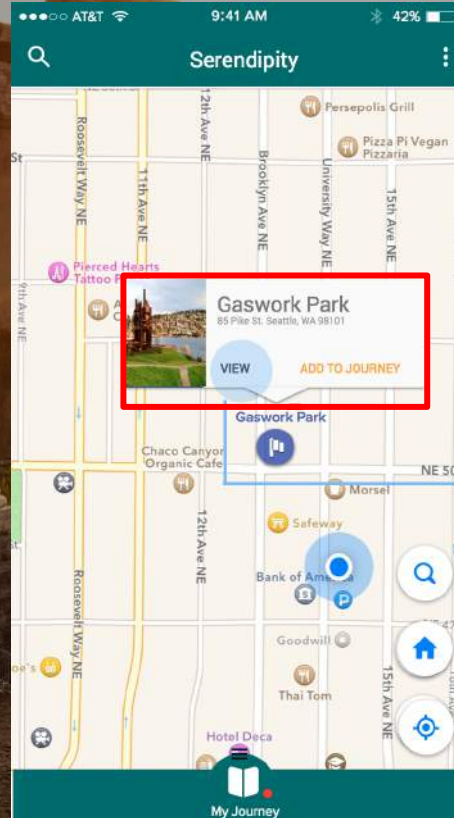
Explore

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Add

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Route





Plan

Explore

⋮

Add

⋮

Route

AT&T 9:41 AM 42%

< Serendipity

1 / 17

Gas Works Park
4.5 ★★★★★ 154 reviews
Park

Former site of an oil plant is now a 20-acre park with picnic facilities & dramatic city views

📍 2101 N Northlake Way, Seattle, WA 98103
📞 (206) 684-4075
🌐 seattle.gov

Reviews
Lisa Tran
4 months ago
★★★★★ Wow Wow Wow!!!! I love how they tried something historical with a scene so breathtaking. ...

Add to My Journey

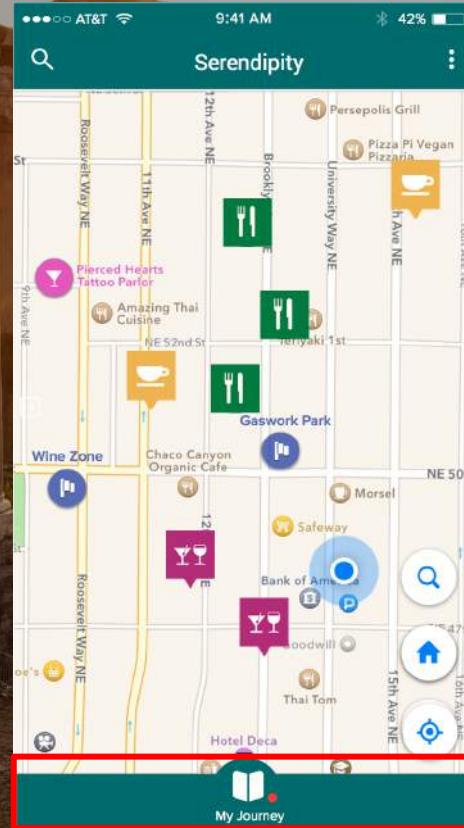


Plan

Explore

Add

Route





Plan

Explore

Add

Route

The image shows a smartphone app interface for a travel itinerary. The app is titled "My Journey" and is displayed on a green background. The status bar at the top shows the time as 9:41 AM, AT&T carrier, and 42% battery. The itinerary consists of six stops, each with a small image, a title, and an address (all at 400 Broad St., Seattle, WA 98109):

- Gas Works Park**: Open All Day
- Woodland Park Zoo**: 9:30AM - 5:30PM
- Space Needle**: 10:30AM - 10:30PM
- Seattle Glass Museum**: 10:30AM - 8:30PM
- Pike Place Market**: 6:30AM - 5:30PM
- Capital Hill Nightlife**



Plan

Explore

Add

Route

The screenshot shows a mobile application interface with a teal header. The status bar at the top displays 'AT&T', signal strength, Wi-Fi, the time '9:41 AM', and a battery level of '42%'. The header contains a back arrow, the title 'My Journey', and a location pin icon circled in red. The main content is a list of six items, each with a small image, a title, and an address: 'Gas Works Park' (400 Broad St. Seattle, WA 98109), 'Woodland Park Zoo' (400 Broad St. Seattle, WA 98109), 'Space Needle' (400 Broad St. Seattle, WA 98109), 'Seattle Glass Museum' (400 Broad St. Seattle, WA 98109), 'Pike Place Market' (400 Broad St. Seattle, WA 98109), and 'Capital Hill Nightlife' (400 Broad St. Seattle, WA 98109). Each item also includes opening hours.

Location	Address	Hours
Gas Works Park	400 Broad St. Seattle, WA 98109	Open All Day
Woodland Park Zoo	400 Broad St. Seattle, WA 98109	9:30AM - 5:30PM
Space Needle	400 Broad St. Seattle, WA 98109	10:30AM - 10:30PM
Seattle Glass Museum	400 Broad St. Seattle, WA 98109	10:30AM - 8:30PM
Pike Place Market	400 Broad St. Seattle, WA 98109	6:30AM - 5:30PM
Capital Hill Nightlife	400 Broad St. Seattle, WA 98109	



Plan

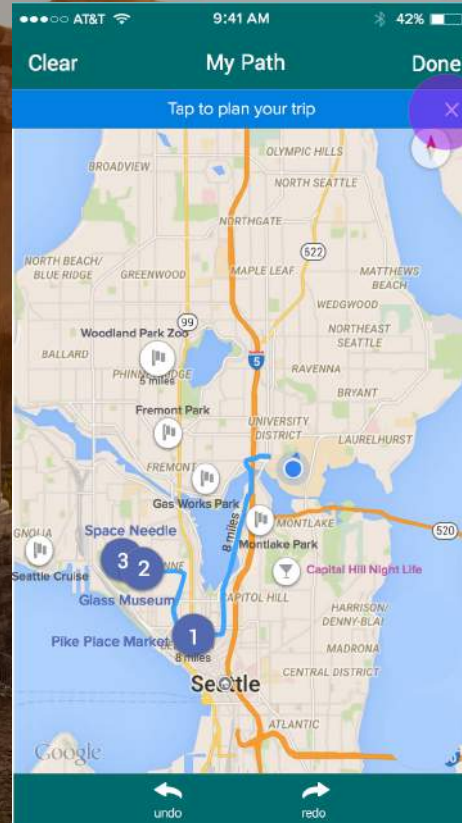
Explore

⋮

Add

⋮

Route





Plan

Explore

Add

Route

The screenshot shows a mobile application interface for planning a journey. At the top, the status bar displays 'AT&T', signal strength, Wi-Fi, the time '9:41 AM', and a 42% battery level. Below the status bar is a teal header with a back arrow, the title 'My Journey', and a location pin icon. The main content is a list of six items, each with a small image, a title, an address, and a time range:

- 1. Pike Place Market**
400 Broad St. Seattle, WA 98109
6:30AM - 5:30PM
- 2. Space Needle**
400 Broad St. Seattle, WA 98109
9:30AM - 5:30PM
- 3. Seattle Glass Museum**
400 Broad St. Seattle, WA 98109
10:30AM - 10:30PM
- 4. Woodland Park Zoo**
400 Broad St. Seattle, WA 98109
10:30AM - 8:30PM
- 5. Gas Works Park**
400 Broad St. Seattle, WA 98109
Open All Day
- 6. Capital Hill Nightlife**
400 Broad St. Seattle, WA 98109



Plan

Explore

Add

Route

A screenshot of a mobile application interface titled "My Journey". The status bar at the top shows "AT&T", signal strength, Wi-Fi, time "9:41 AM", and battery "42%". The app header is teal with a back arrow, the title "My Journey", and a location pin icon. The main content is a list of six items, each with a small image on the left and text on the right. Item 1: "1. Pike Place Market" with address "400 Broad St, Seattle, WA 98109" and time "6:30AM - 5:30PM". Item 2: "2. Space Needle" with address "400 Broad St, Seattle, WA 98109" and time "9:30AM - 5:30PM". Item 3: A white rectangular area with a red "Delete" button on the right. Item 4: "4. Woodland Park Zoo" with address "400 Broad St, Seattle, WA 98109" and time "10:30AM - 8:30PM". A white arrow points left from the text "Swipe Left" and a white circle is on the right. Item 5: "5. Gas Works Park" with address "400 Broad St, Seattle, WA 98109" and time "Open All Day". Item 6: "6. Capital Hill Nightlife" with address "400 Broad St, Seattle, WA 98109".

Item	Name	Address	Time	Actions
1	Pike Place Market	400 Broad St, Seattle, WA 98109	6:30AM - 5:30PM	
2	Space Needle	400 Broad St, Seattle, WA 98109	9:30AM - 5:30PM	
3				Delete
4	Woodland Park Zoo	400 Broad St, Seattle, WA 98109	10:30AM - 8:30PM	Swipe Left
5	Gas Works Park	400 Broad St, Seattle, WA 98109	Open All Day	
6	Capital Hill Nightlife	400 Broad St, Seattle, WA 98109		



Plan

Explore

Add

Route

The screenshot shows a smartphone interface for a travel planning app. At the top, the status bar displays 'AT&T', signal strength, Wi-Fi, time '9:41 AM', and battery '42%'. Below the status bar is a teal header with a back arrow, the title 'My Journey', and a location pin icon. The main content is a list of six items, each with a small image, a title, an address, and a time range. The third item, '3. Seattle Glass Museum', is highlighted with a red border. The items are:

- 1. Pike Place Market**
400 Broad St. Seattle, WA 98109
6:30AM - 5:30PM
- 2. Space Needle**
400 Broad St. Seattle, WA 98109
9:30AM - 5:30PM
- 3. Seattle Glass Museum**
400 Broad St. Seattle, WA 98109
10:30AM - 10:30PM
- 4. Woodland Park Zoo**
400 Broad St. Seattle, WA 98109
10:30AM - 8:30PM
- 5. Gas Works Park**
400 Broad St. Seattle, WA 98109
Open All Day
- 6. Capital Hill Nightlife**
400 Broad St. Seattle, WA 98109

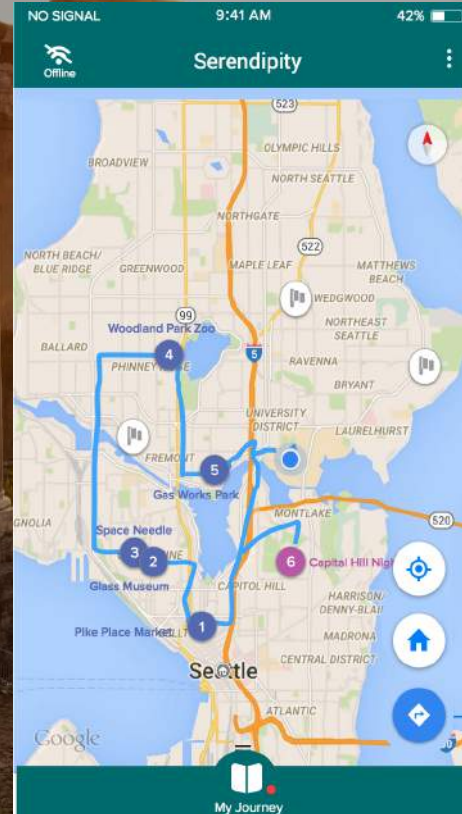


Journey

Navigate

Discover

Deviate



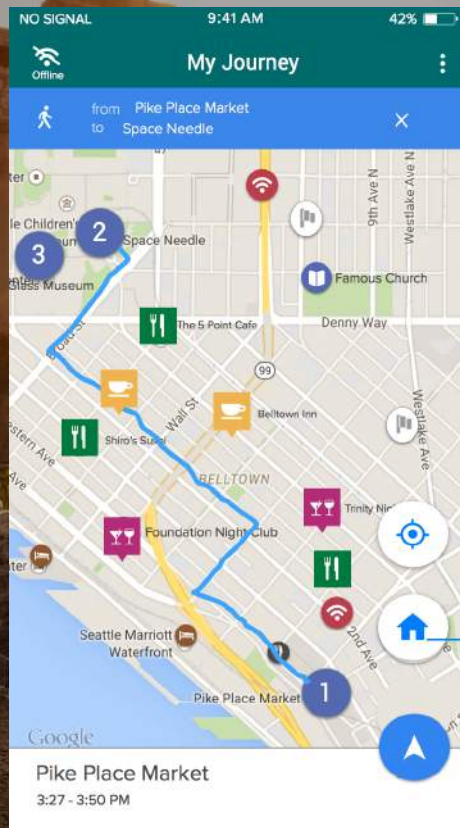


Journey

Navigate

Discover

Deviate



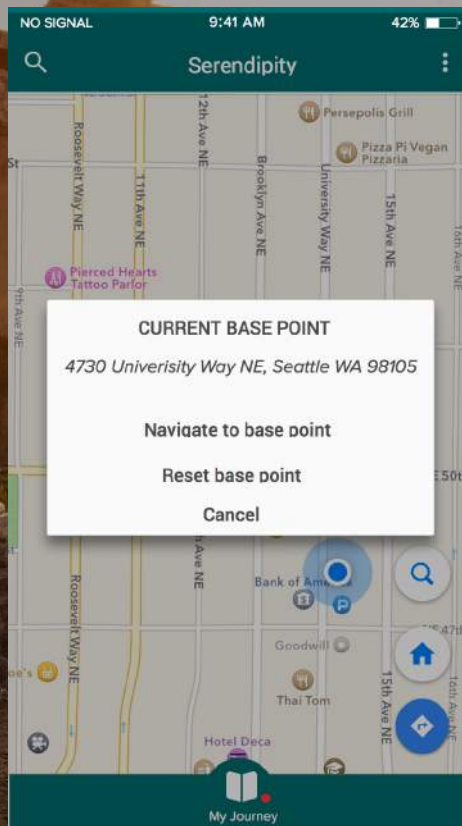


Journey

Navigate

Discover

Deviate





Journey

Navigate

Discover

Deviate

NO SIGNAL 9:41 AM 42%

< Serendipity

Famous Church
4.5 ★★★★★ 154 reviews

Former site of an oil plant is now a 20-acre park with picnic facilities & dramatic city views

📍 2101 N Northlake Way, Seattle, WA 98103
📞 (206) 684-4075
🌐 seattle.gov
🕒 10:30AM - 10:30PM

Find a nearby WiFi hotspot to get more information

Navigate

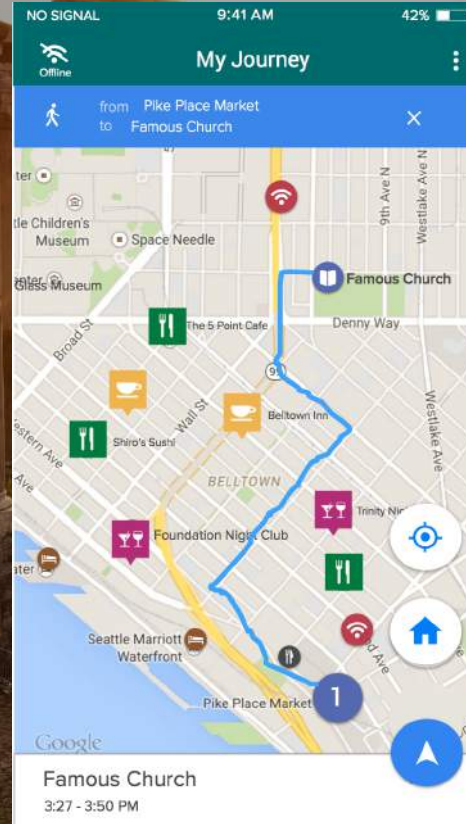


Journey

Navigate

Discover

Deviate



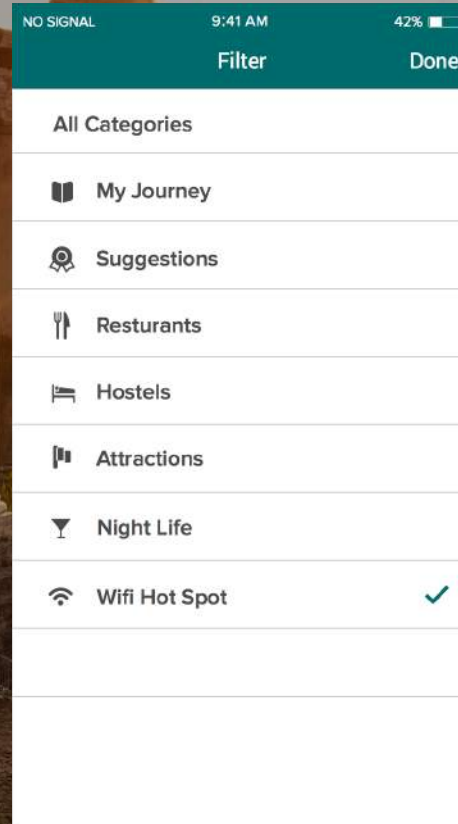


Journey

Navigate

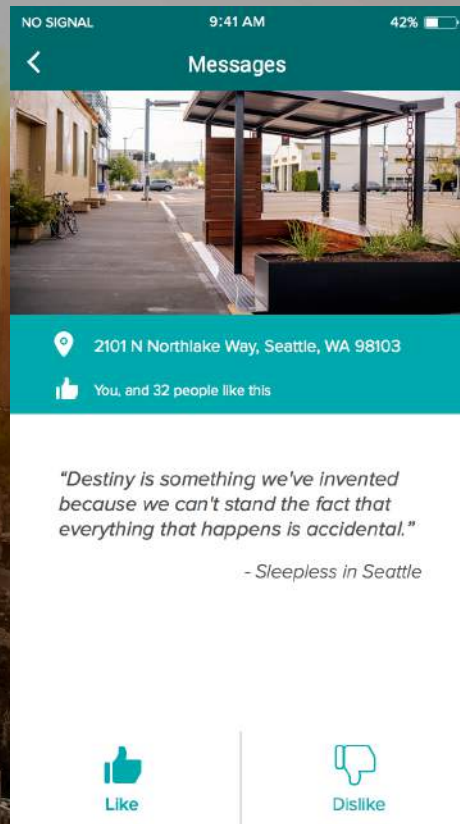
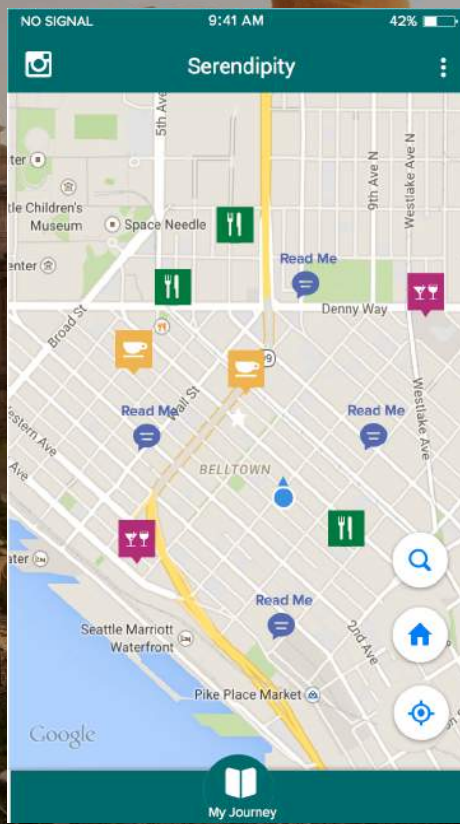
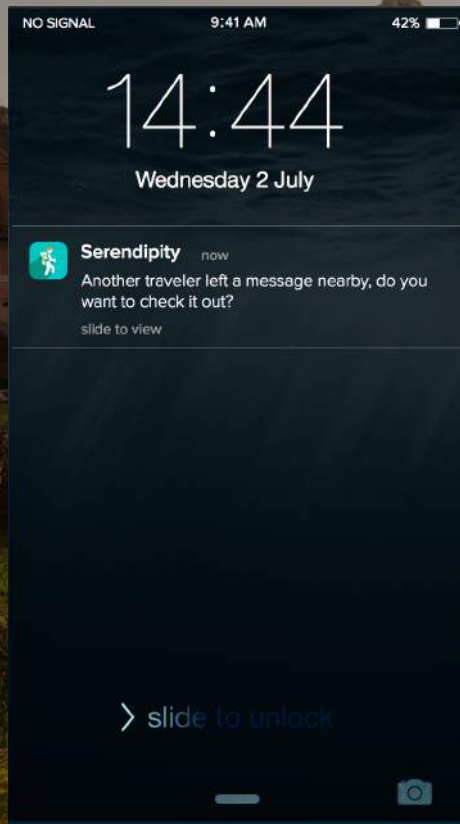
Discover

Deviate



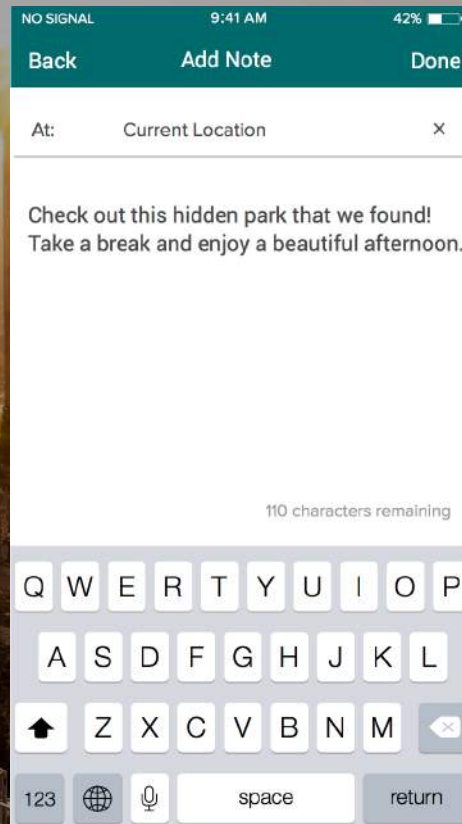
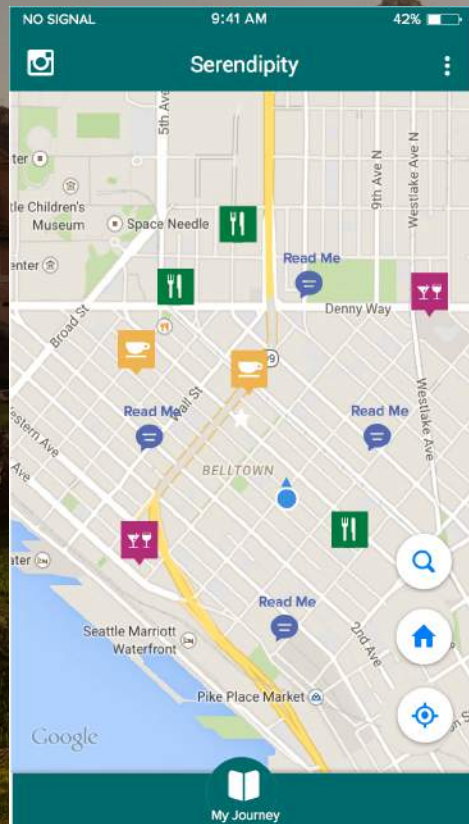


Share

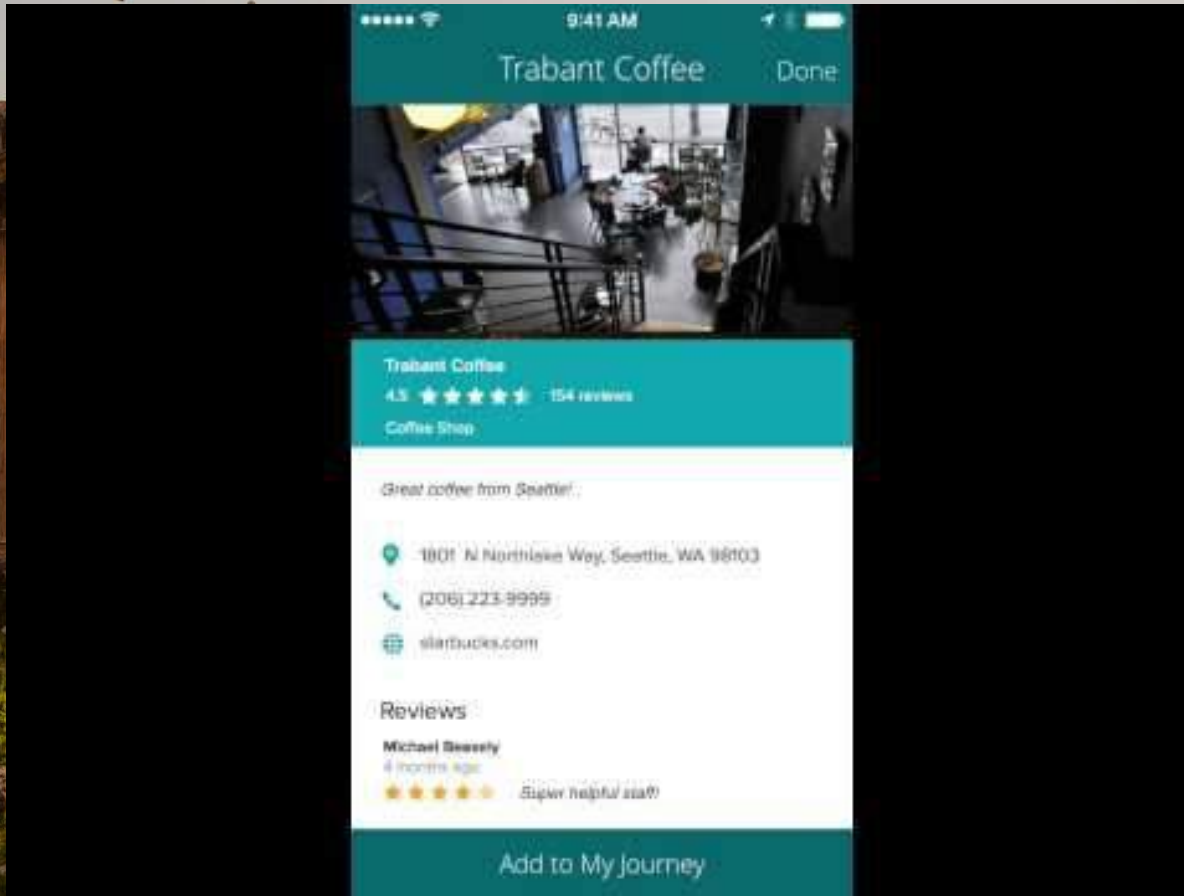




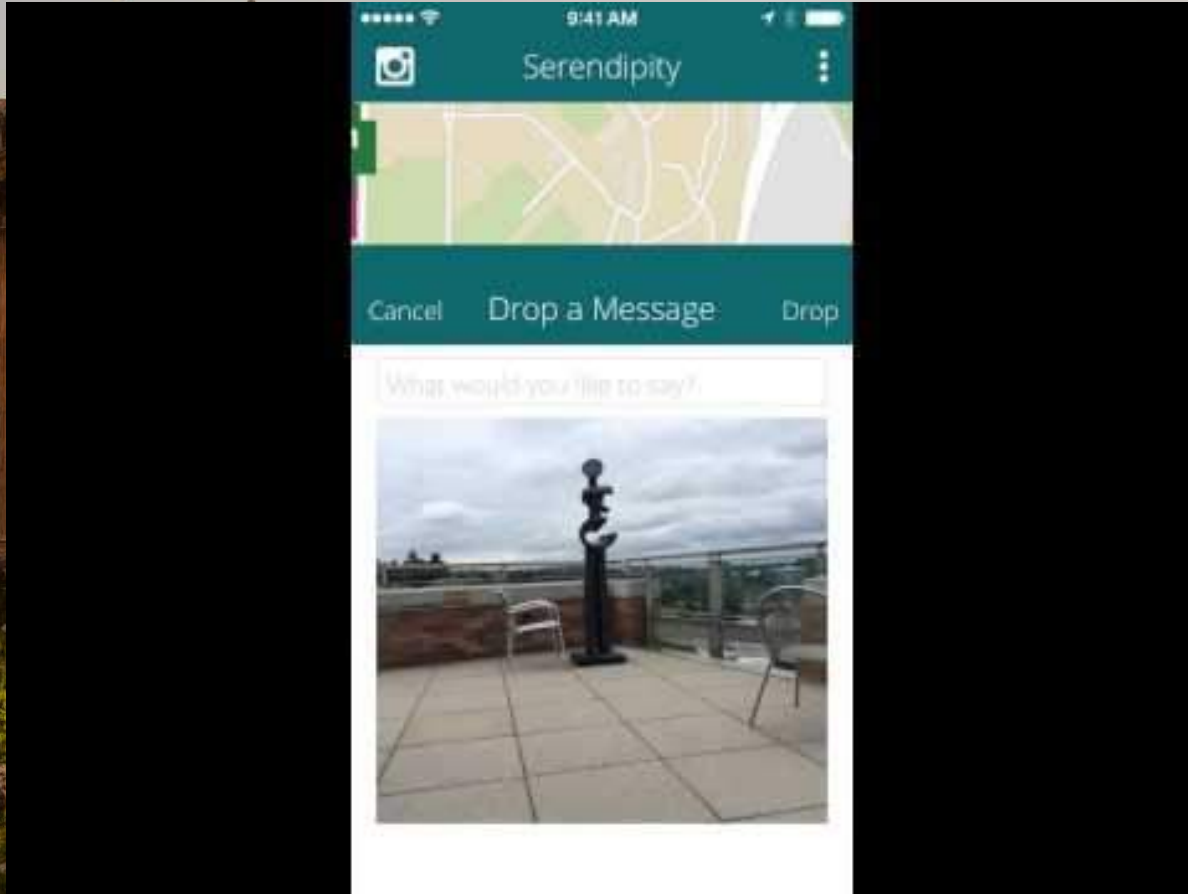
Share



Demo: Plan & Journey



Demo: Share







Thanks for Listening!



Questions?