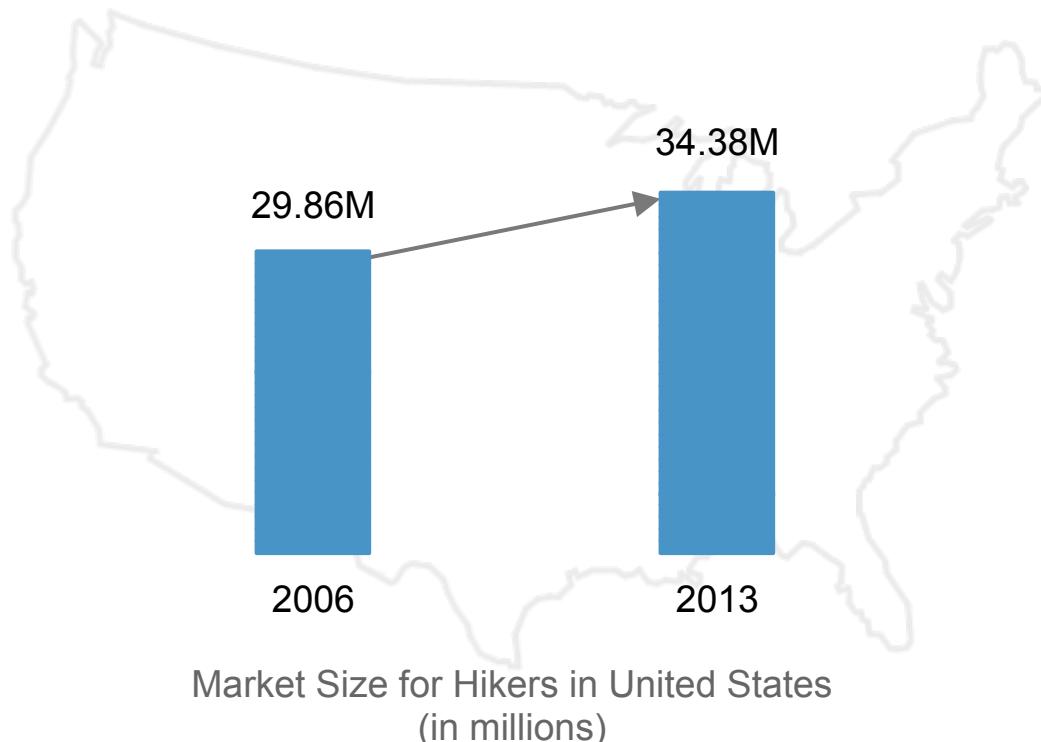




Enhancing the hiking experience by providing a single platform for hikers to share and explore vistas.

Akhila, Charlie, Kevin, George, Reah

Technology Hinders Hiking Experience

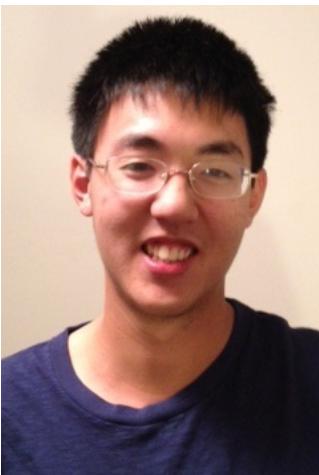


Hikers cannot share and explore vistas while hiking

Hikers don't know how much time or difficulty a trail will take

Hikers don't always know the popular vistas around them

We are GeoPirates



Akhila Raju

L&S CS

Apple

Charlie Pai

L&S CS

Flixster

George Wu

EECS

EARN

Kevin Hui

EECS

GoConnekt

Reah Miyara

EECS

IBM Watson

Our Application: GeoExplorer v1.0

The GeoExplorer application interface consists of several screens:

- Home Screen:** Shows two hikers in a forest. Buttons: Share, Explore.
- Tilden Park Trail Details Screen:** Shows a map of the Tilden Park Trail. Data:
 - Distance Remaining: 3.3 miles
 - Estimated Arrival: 12:31 PM
 - Pace: 3.3 mphButtons: Share, Explore.
- Half Dome Details Screen:** Shows a large rock formation. Data:
 - Distance: 27.0 mi
 - ETA: 1 hr
 - Difficulty: +70Buttons: Go!, Share, Explore.
- Share Location Screen:** A modal asks "Share your location?". Buttons: Yes, No.
- Location Saved Screen:** A modal says "Location saved! At your earliest convenience edit your new point of interest on your phone." Buttons: Share, Explore.
- User Feedback Screen:** A list of landmarks with their difficulty levels and distances:
 - Half Dome: +70 Distance: 27.0 mi
 - Vernal Falls: +40 Distance: 25.0 mi
 - Glacier Point: +20 Distance: 23.0 mi
 - Wawona: +18 Distance: 21.0 mi
 - El Capitan: +10 Distance: 30.0 miText: "Destination Reached! Is it awesome?" Buttons: Like, Dislike, Submit.

Conducted contextual inquiries on target users at Tilden Park

Designed application for use on Apple Watch and iPhone

Improved design using peer feedback

Explore with GeoExplorer



EXPLORE

The user chooses a vista they want to explore.



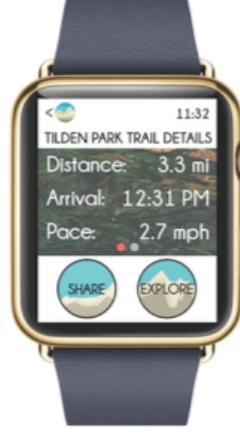
VISTA

Displays info about a vista.



TRAIL MAP

The user can view their current position on the map.



TRAIL DETAILS

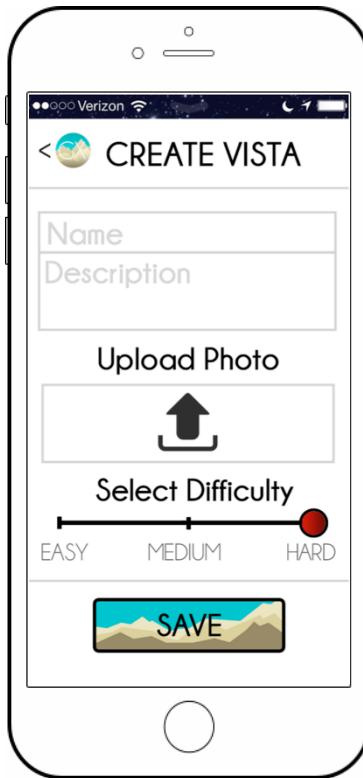
The user can view their pace, estimated time arrival, and pace.

Share with GeoExplorer



TRAIL MAP

The user can view their current position on the map.



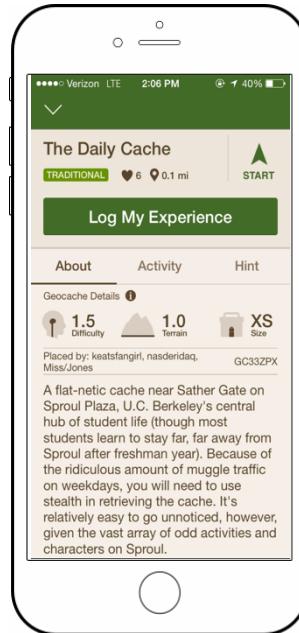
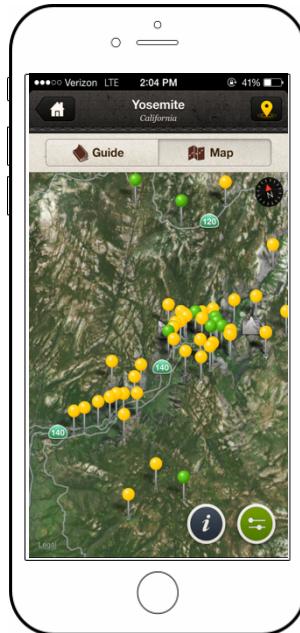
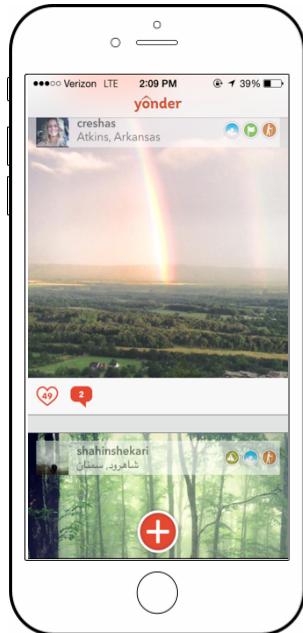
DESTINATION

The user can rate the vista they just explored.

Interaction Flow for Explore and Share



Apps that Fail to Address Our Mission



Competitive Analysis

	Explore Vistas	Share Vistas	Provides Directions	Trail Details	Share Pictures	Vote on Vistas
 GEOEXPLORER	✓	✓	✓	✓	✓	✓
 GEOCACHING			✓	✓	✓	
 yonder	✓	✓			✓	
 NATIONAL GEOGRAPHIC			✓			

Thank You



GEOEXPLORER