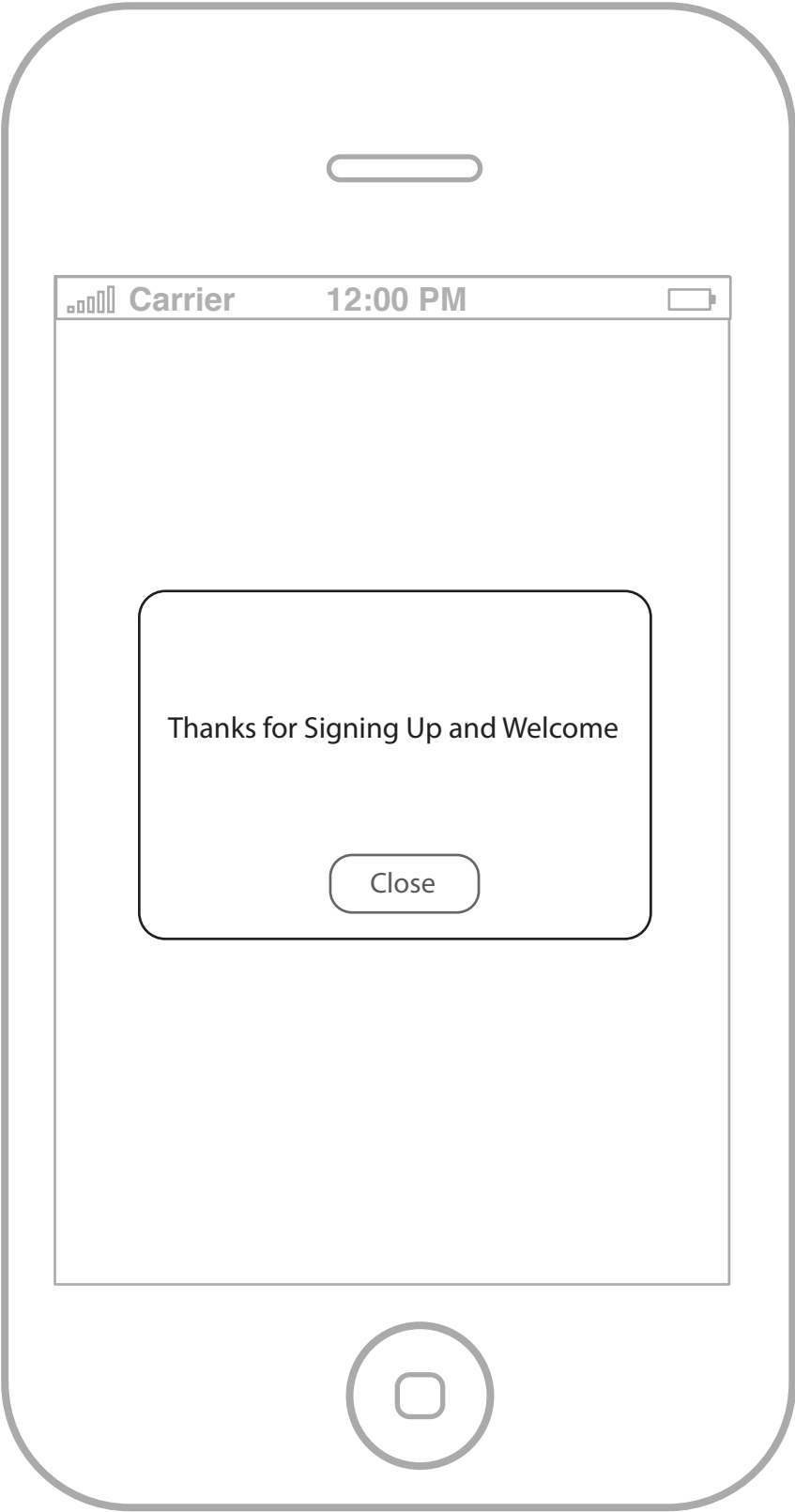# Low Fidelity Wireframes: Trail 360 App

Feature 1: Home Page

Carrier 12:00 PM

TRAIL 360

TRAIL 360

username:

password:

Sign In Log in with facebook **1**

2 create a new account >>

Carrier 12:00 PM

Create a new account **3** X

Username:

Password:

Re-type Pass:

Add facebook to my account ☐

Add twitter to my account ☐

Create

Carrier 12:00 PM

Thanks for Signing Up and Welcome

Close

---
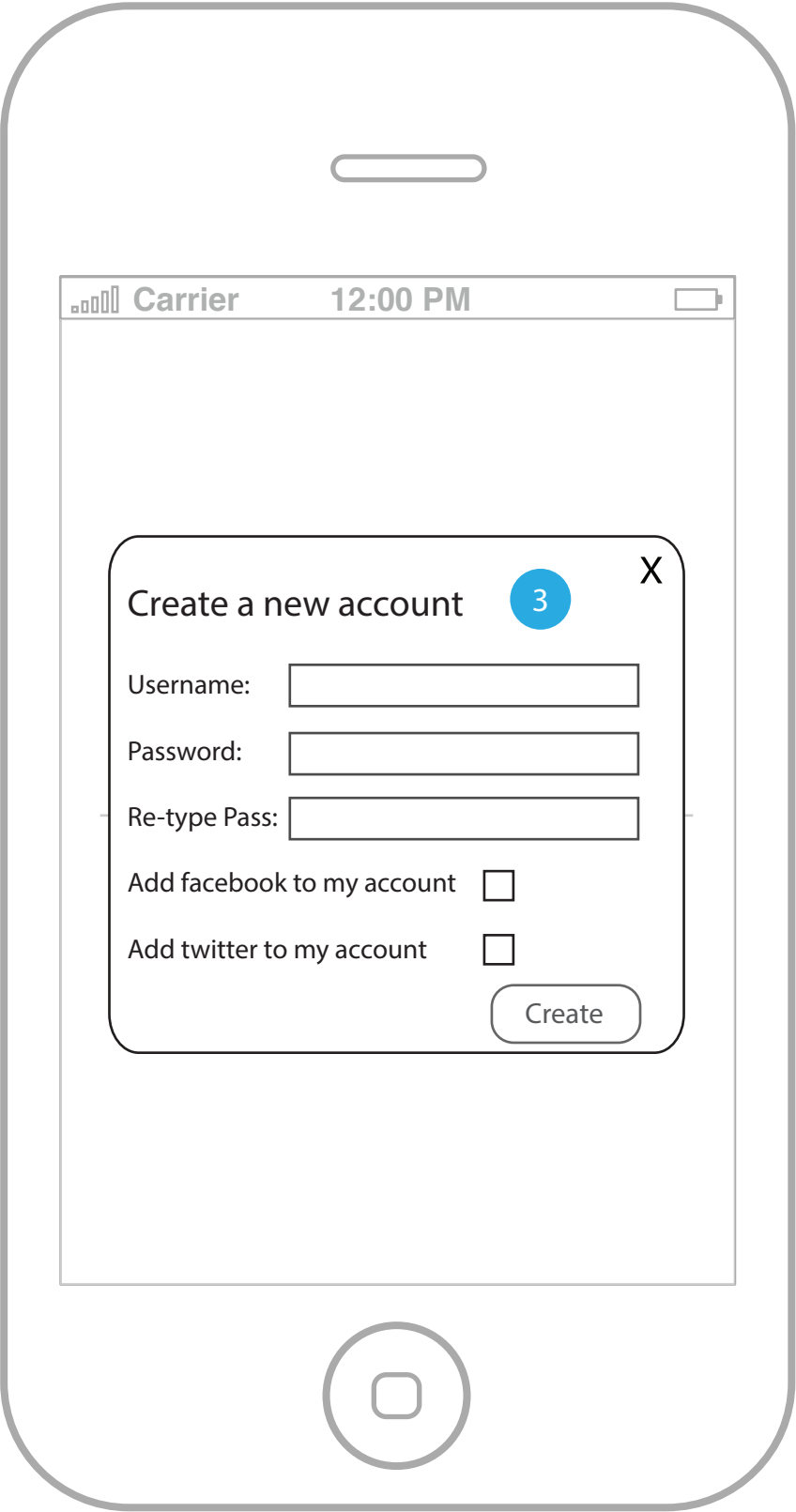
1 User can log in via account or sign in through facebook.

2 For new users, registeration can be accessed by clicking below.

3 New accounts are created for the user so that they can save and be part of the TRAIL experience.
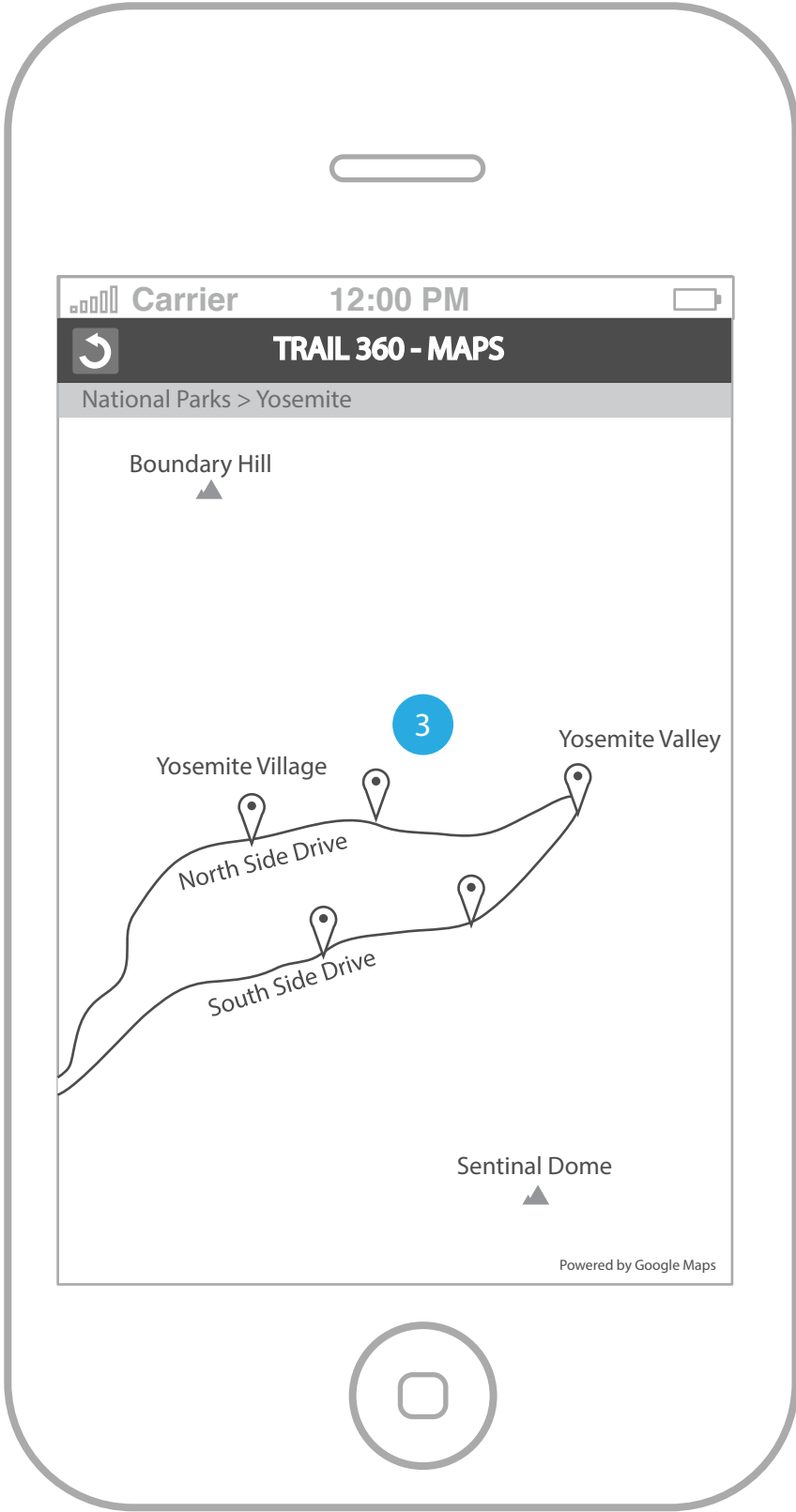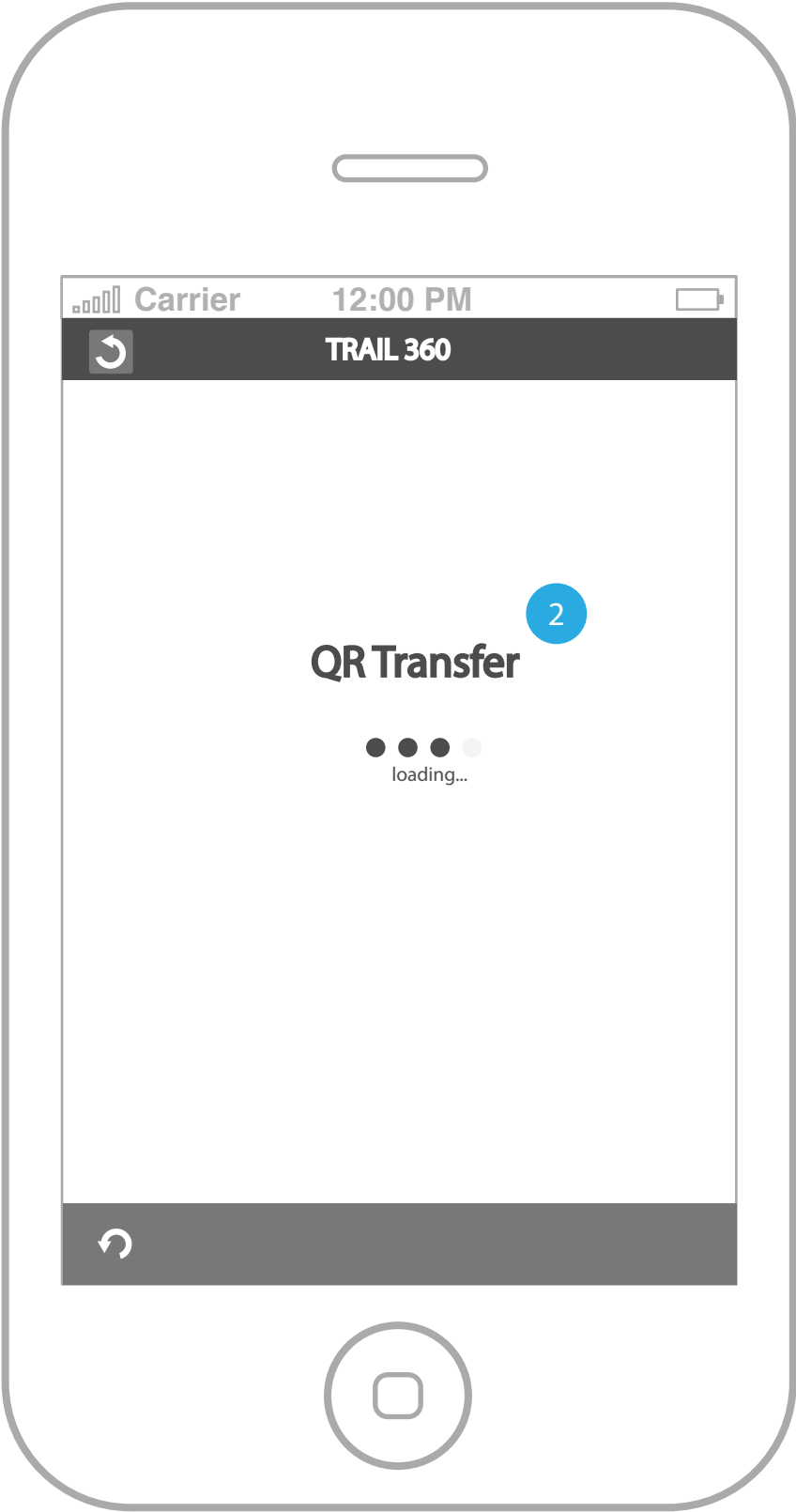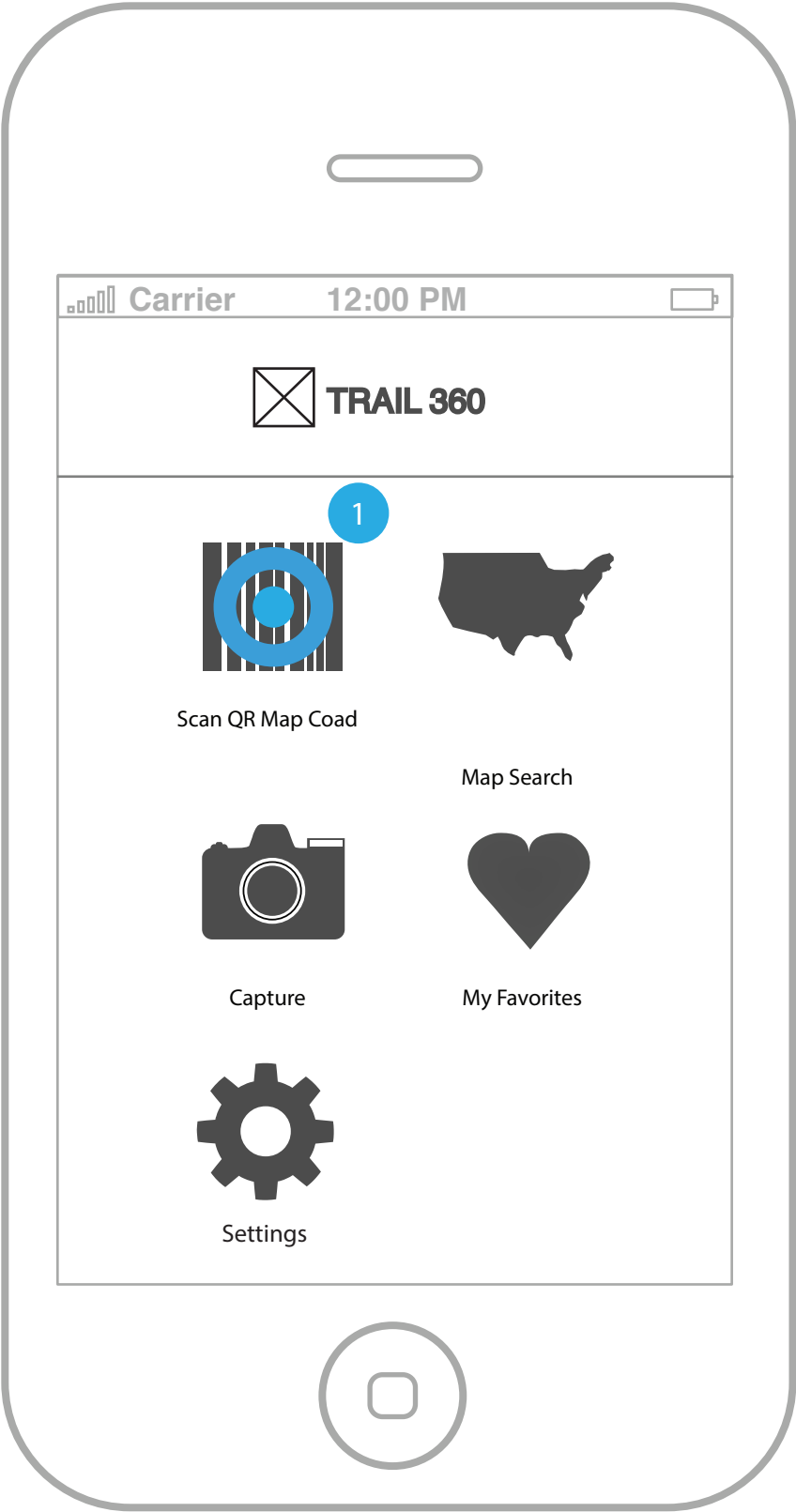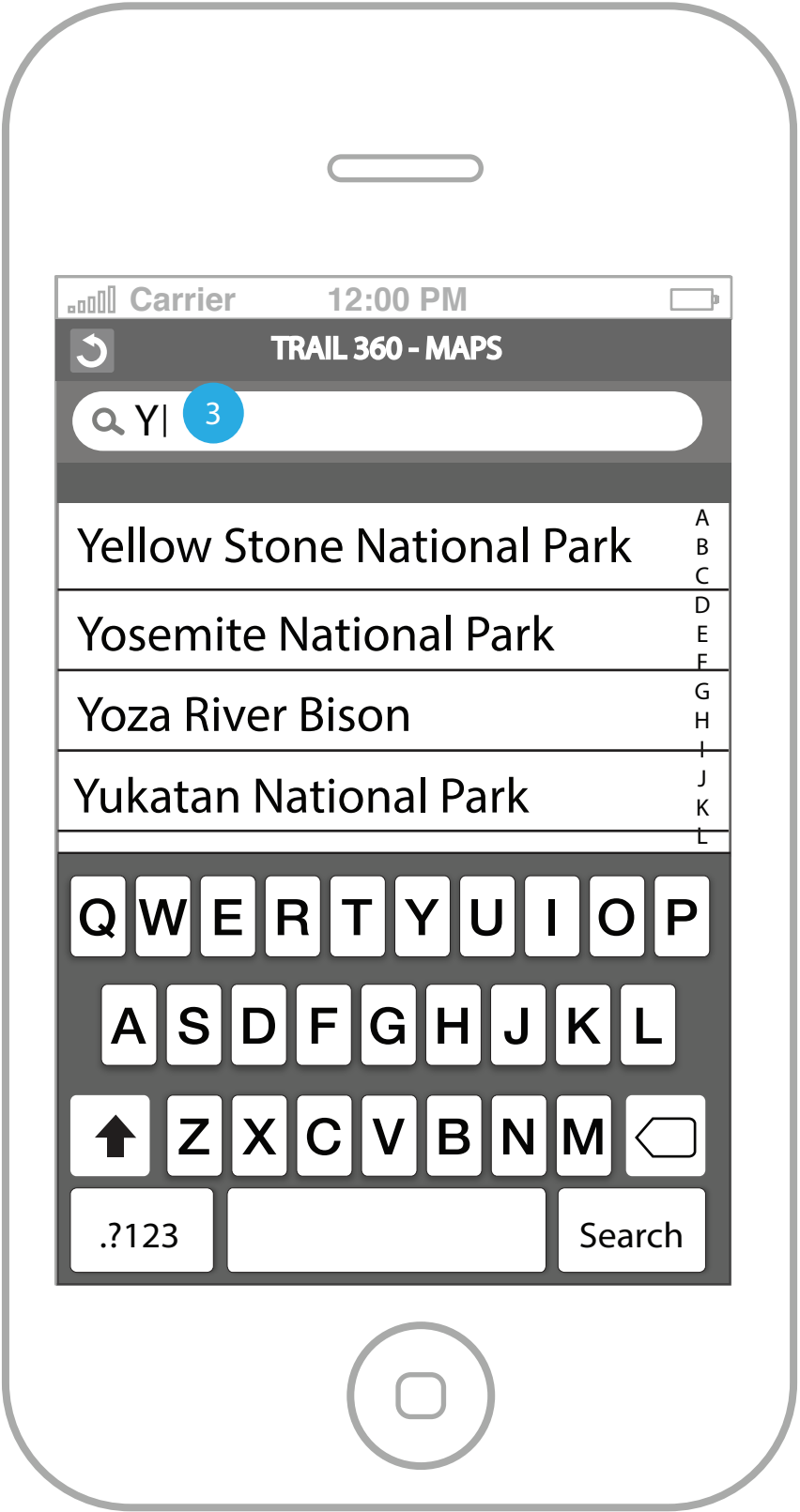
Low Fidelity Wireframes: Trail 360 App
Feature 2: Barcode Map Search

TRAIL 360

1 Scan QR Map Coad

Map Search

Capture

My Favorites

Settings

Carrier 12:00 PM

TRAIL 360

2

QR Transfer

●●● ○

loading...

Carrier 12:00 PM

TRAIL 360 - MAPS

National Parks > Yosemite

Boundary Hill
▲

3

Yosemite Valley

Yosemite Village

North Side Drive

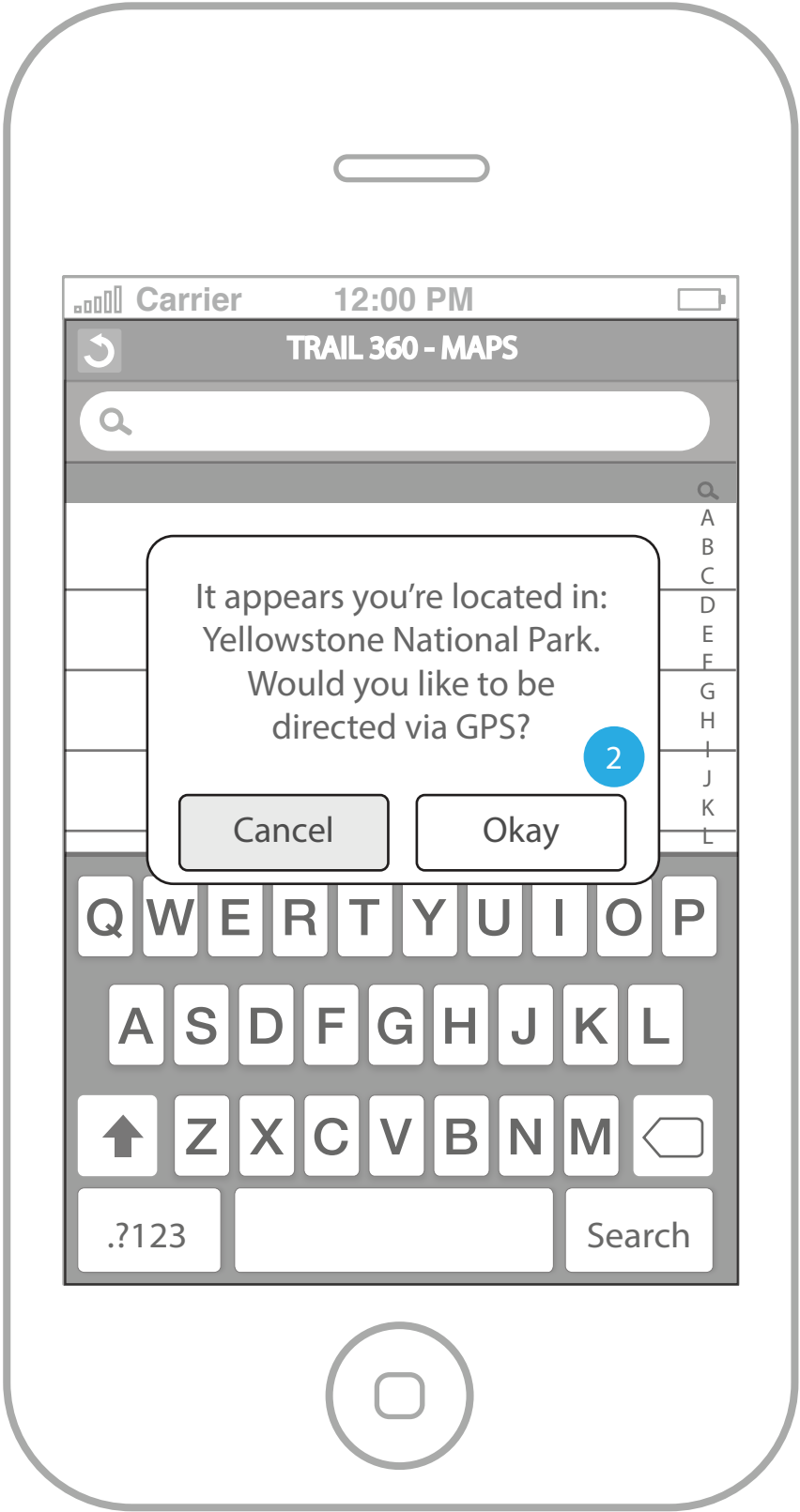South Side Drive

Sentinal Dome
▲

Powered by Google Maps

---

1 QR can be easily intergrated to the TRAIL on welcome hiking trail signs so that a user can access a trail/map quickly without having to search for the location.

2 Loading menu confirms the data being pulled to the application.

3 Once the map is loaded, the application will automatically be in the maps/trail section.
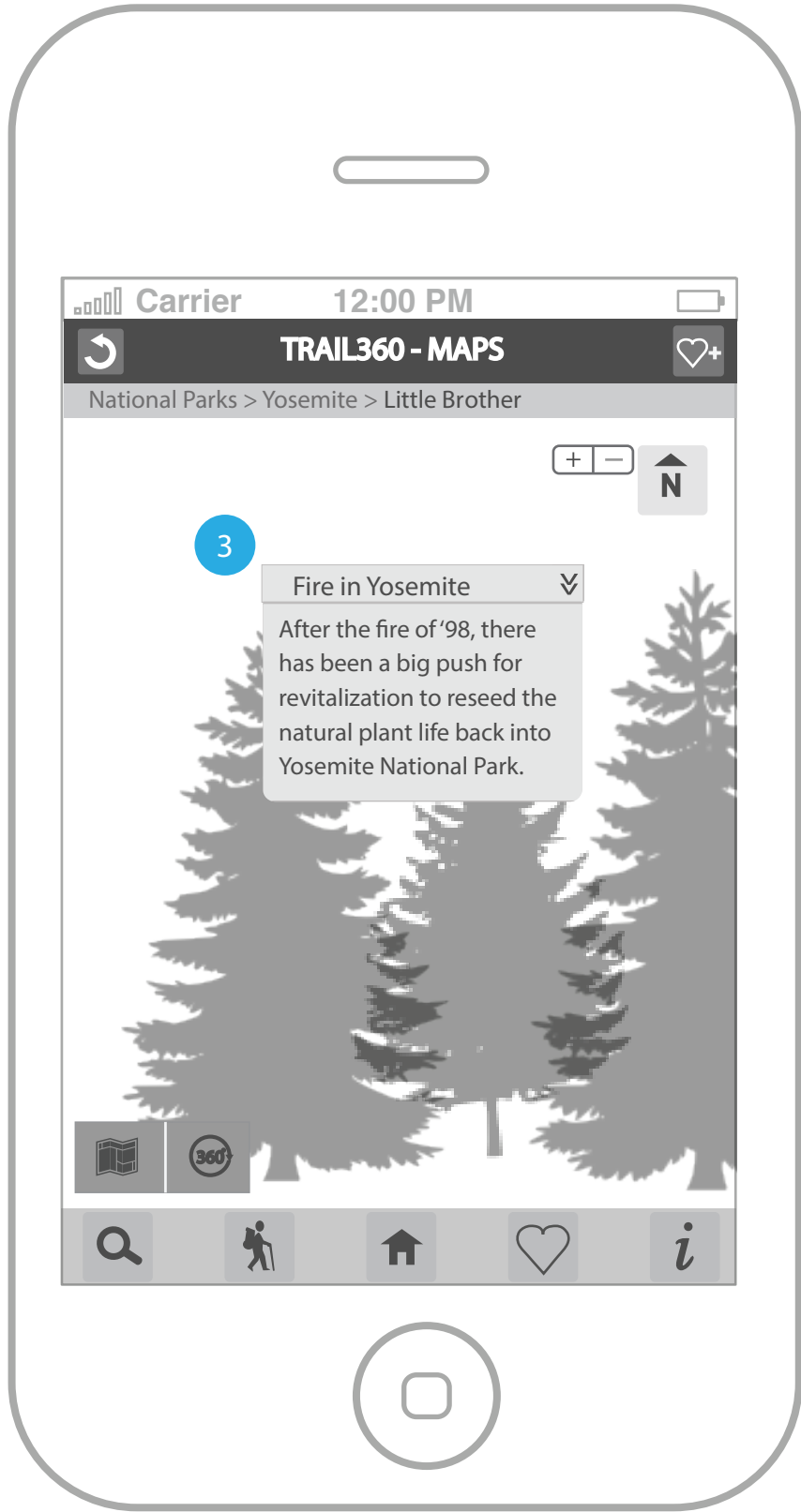
Low Fidelity Wireframes: Trail 360 App
Feature 3.1: Map Search

TRAIL 360

Scan QR Map Code

Map Search **(1)**

Capture

My Favorites

Settings

Carrier 12:00 PM

TRAIL 360 - MAPS

It appears you're located in:
Yellowstone National Park.
Would you like to be
directed via GPS?

Cancel | Okay **(2)**

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 | | Search

Carrier 12:00 PM

TRAIL 360 - MAPS

Y| **(3)**

Yellow Stone National Park

Yosemite National Park

Yoza River Bison

Yukatan National Park

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 | | Search

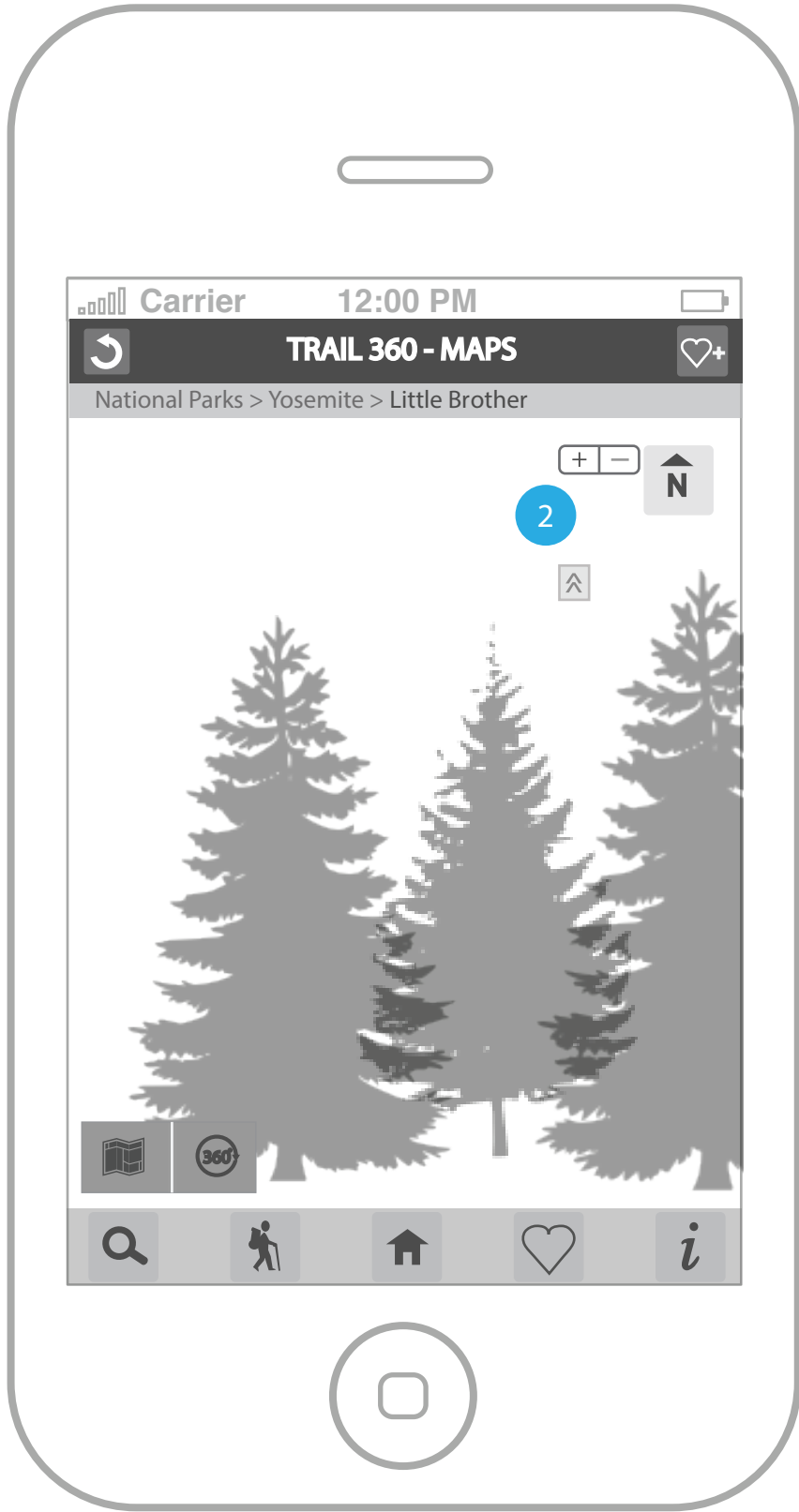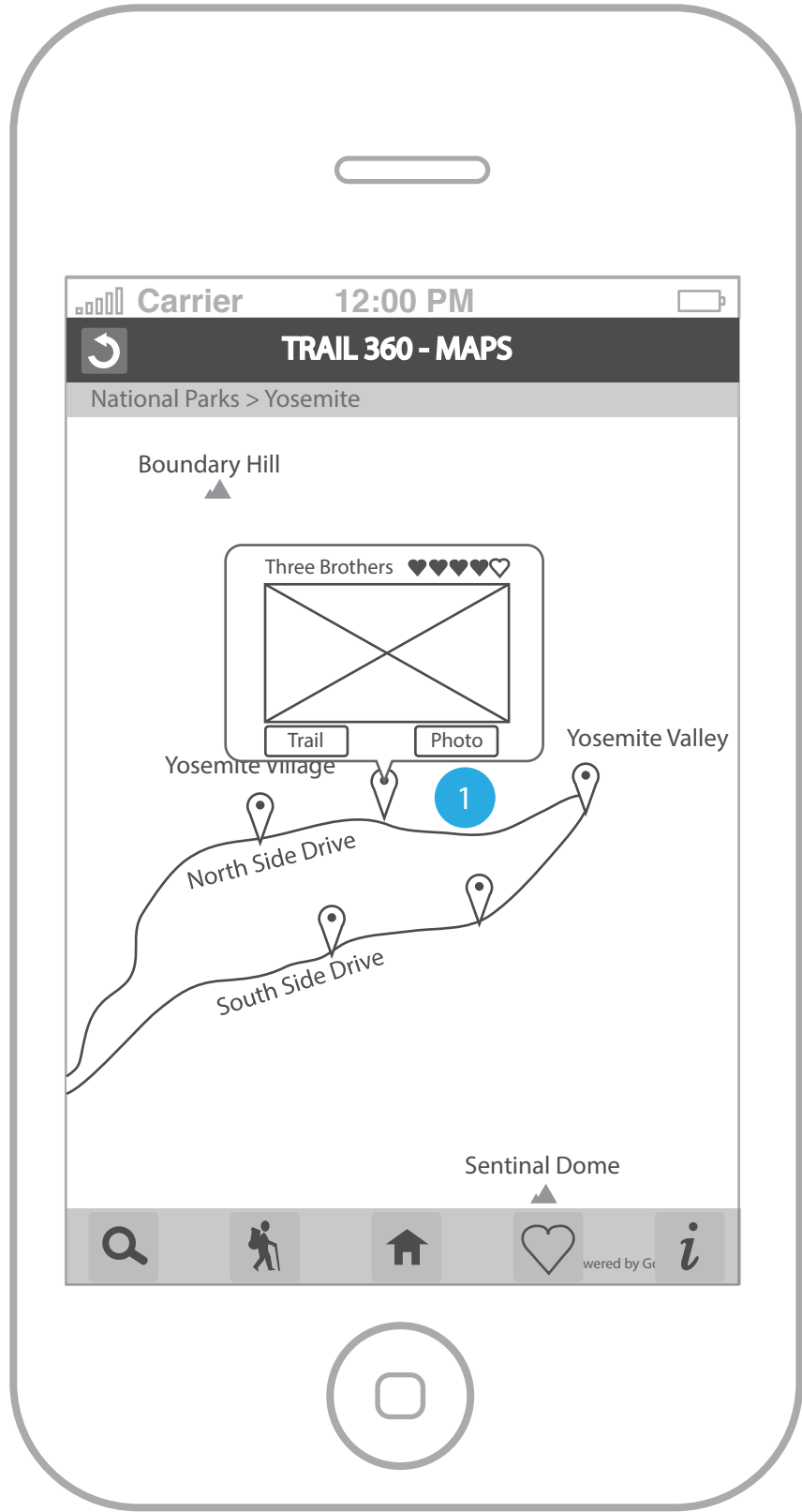**(1)** Map Search is the quick tool to search all parks for trails.

(2) Automatically when 'Map Search' is selected a pop up will appear from area location searched by GPS.

(3) If different location is desired or GPS is unavailable, then the user can search with the default keyboard on the search tool bar. Contextual search will assist with less typing and ease of use for finding location.

Low Fidelity Wireframes: Trail 360 App
Feature 3.2: Map/Photo View, Switch & Assist

Carrier 12:00 PM

TRAIL 360 - MAPS

National Parks > Yosemite

Boundary Hill

Three Brothers ♥♥♥♥♡

Trail | Photo

Yosemite Valley

Yosemite Village

North Side Drive

South Side Drive

Sentinal Dome

wered by G

1

Carrier 12:00 PM

TRAIL 360 - MAPS

National Parks > Yosemite > Little Brother

+ −   N

2

360

Carrier 12:00 PM

TRAIL360 - MAPS

National Parks > Yosemite > Little Brother

+ −   N

Fire in Yosemite ≫

After the fire of '98, there has been a big push for revitalization to reseed the natural plant life back into Yosemite National Park.

3

360

---

1 Once a user is on the destination and maps they would be able view the map area and trails available for them via marker points. By selecting on the marker they are able to view the trail or a 360 degree view of the area.
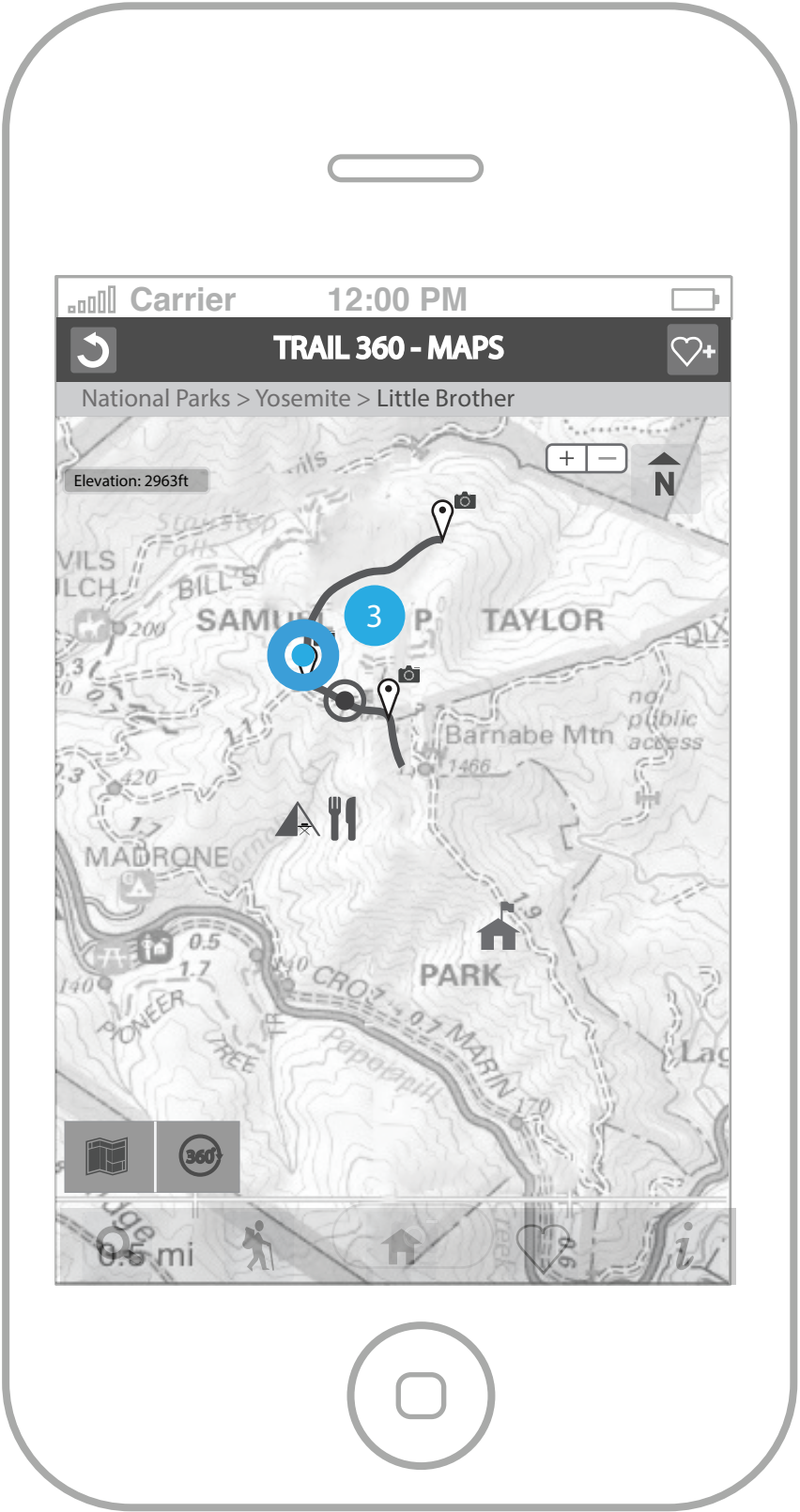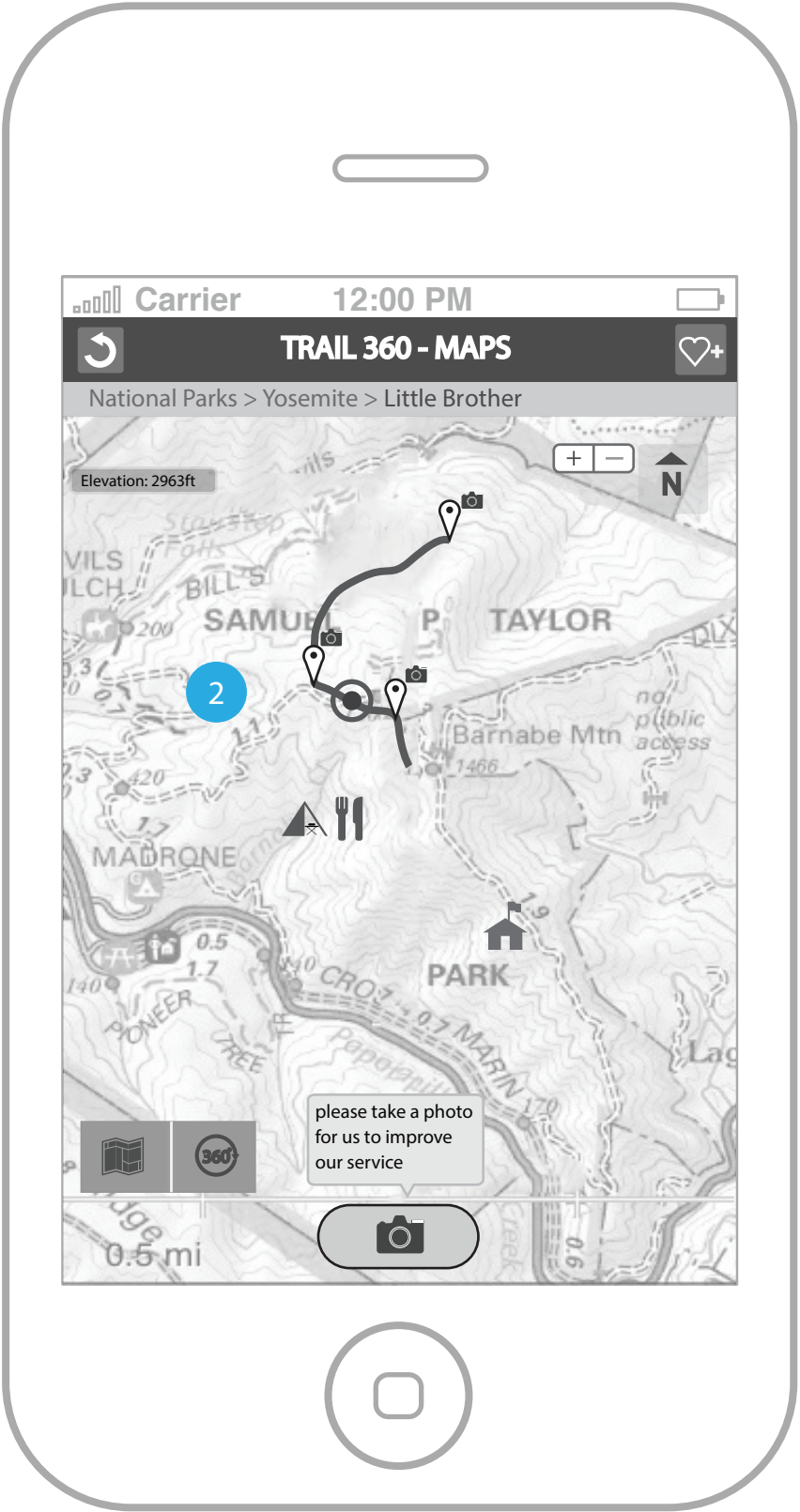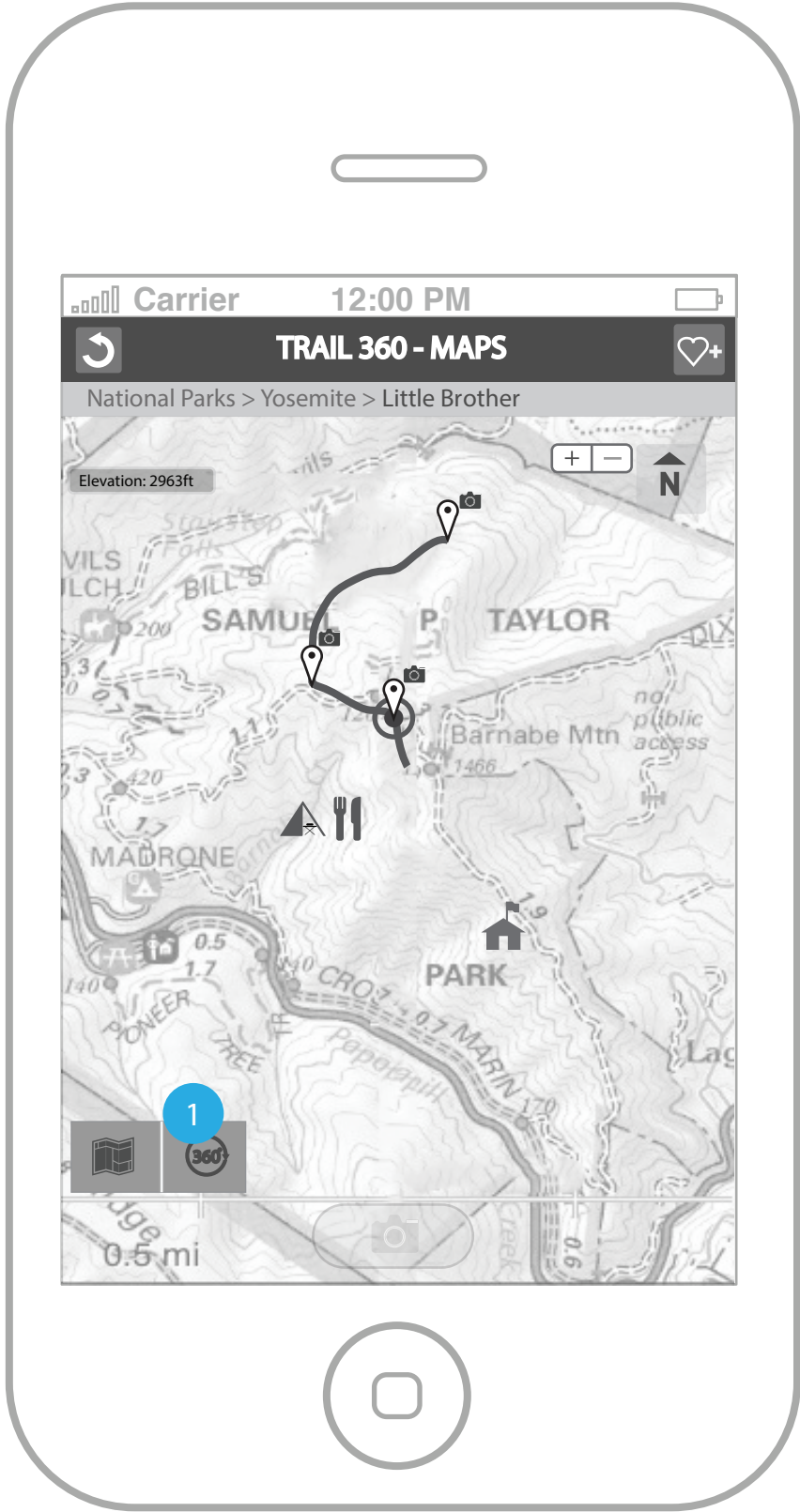
2 Inside the 360 degree image view, there will be several tools to help the user navigate through from compass direction, zoom and augment reality points for comments.

3 Augmented reality information will in small blurbs for educating the public with relavative information.

Sub navigation menu can be pulled by dragging from left to right.

Low Fidelity Wireframes: Trail 360 App
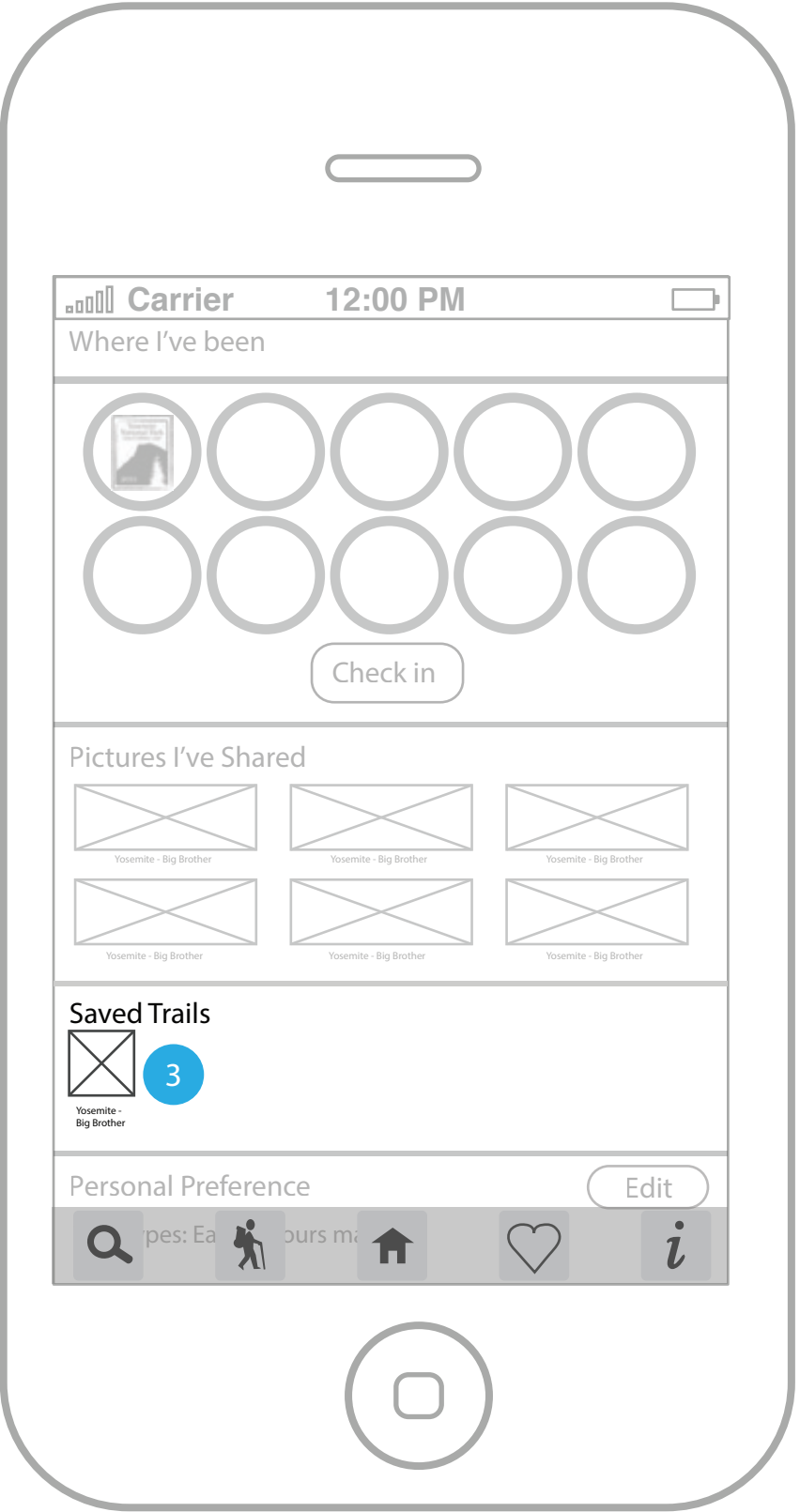## Feature 3.2: Map/Photo View, Switch & Assist

Screen 1

Carrier 12:00 PM

TRAIL 360 - MAPS ♡+

National Parks > Yosemite > Little Brother

Elevation: 2963ft

+ − N

VILS ILCH BILL'S SAMUE P TAYLOR

Barnabe Mtn 1466

MADRONE

PARK

0.5 mi

Screen 2

Carrier 12:00 PM

TRAIL 360 - MAPS ♡+

National Parks > Yosemite > Little Brother

Elevation: 2963ft

+ − N

VILS ILCH BILL'S SAMUE P TAYLOR

Barnabe Mtn 1466

MADRONE

PARK

please take a photo for us to improve our service

0.5 mi

Screen 3

Carrier 12:00 PM

TRAIL 360 - MAPS ♡+

National Parks > Yosemite > Little Brother

Elevation: 2963ft

+ − N

VILS ILCH BILL'S SAMUE P TAYLOR

Barnabe Mtn 1466

MADRONE

PARK

0.5 mi

---

1 Image view can quickly be switched to trail view without having to go back to search list. The navigation will be visable when screen is tapped and retracted when not in use.

2 While the user is on the trail and where locations do not have 360 image views available, the 360 icon will not appear. Instead there will be a camera icon available at the bottom where users can volunteer to add on to the platform.

3 This doesn't stop the user not being able to access any of the images. They can still view them by clicking in the location field to view the images.

Low Fidelity Wireframes: Trail 360 App
Feature 3.3: Map/Save for Later

Screen 1:

.ooIII Carrier   12:00 PM

↺   **TRAIL 360 - MAPS**   ♡+

National Parks > Yosemite > Little Brother

Elevation: 2963ft

+ − N

VILS
ILCH
BILL'S
SAMUE P TAYLOR

Barnabe Mtn
no public access
1466

MADRONE

PARK

PIONEER

Screen 2:

.ooIII Carrier   12:00 PM

↺   **TRAIL 360 - MAPS**   ♡+

National Parks > Yosemite > Little Brother

Elevation: 2963ft

+ − N

added to favorites

VILS
ILCH
BILL'S
SAMUE P TAYLOR

Barnabe Mtn
no public access
1466

MADRONE

PARK

PIONEER

Screen 3:

.ooIII Carrier   12:00 PM

Where I've been

Check in

Pictures I've Shared

Yosemite - Big Brother | Yosemite - Big Brother | Yosemite - Big Brother
Yosemite - Big Brother | Yosemite - Big Brother | Yosemite - Big Brother

Saved Trails

Yosemite - Big Brother

Personal Preference   Edit

pes: Ea ours m

Annotations:
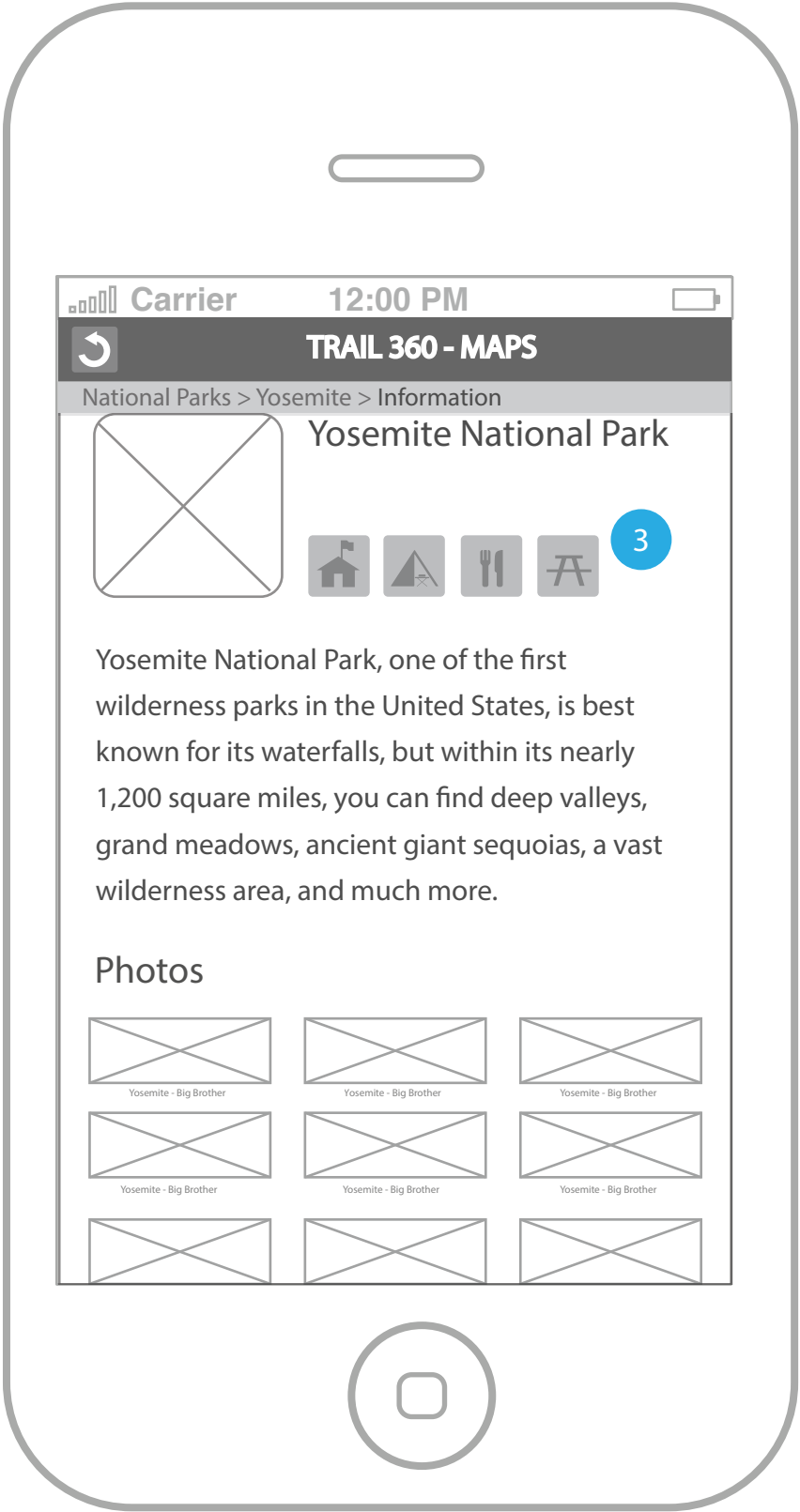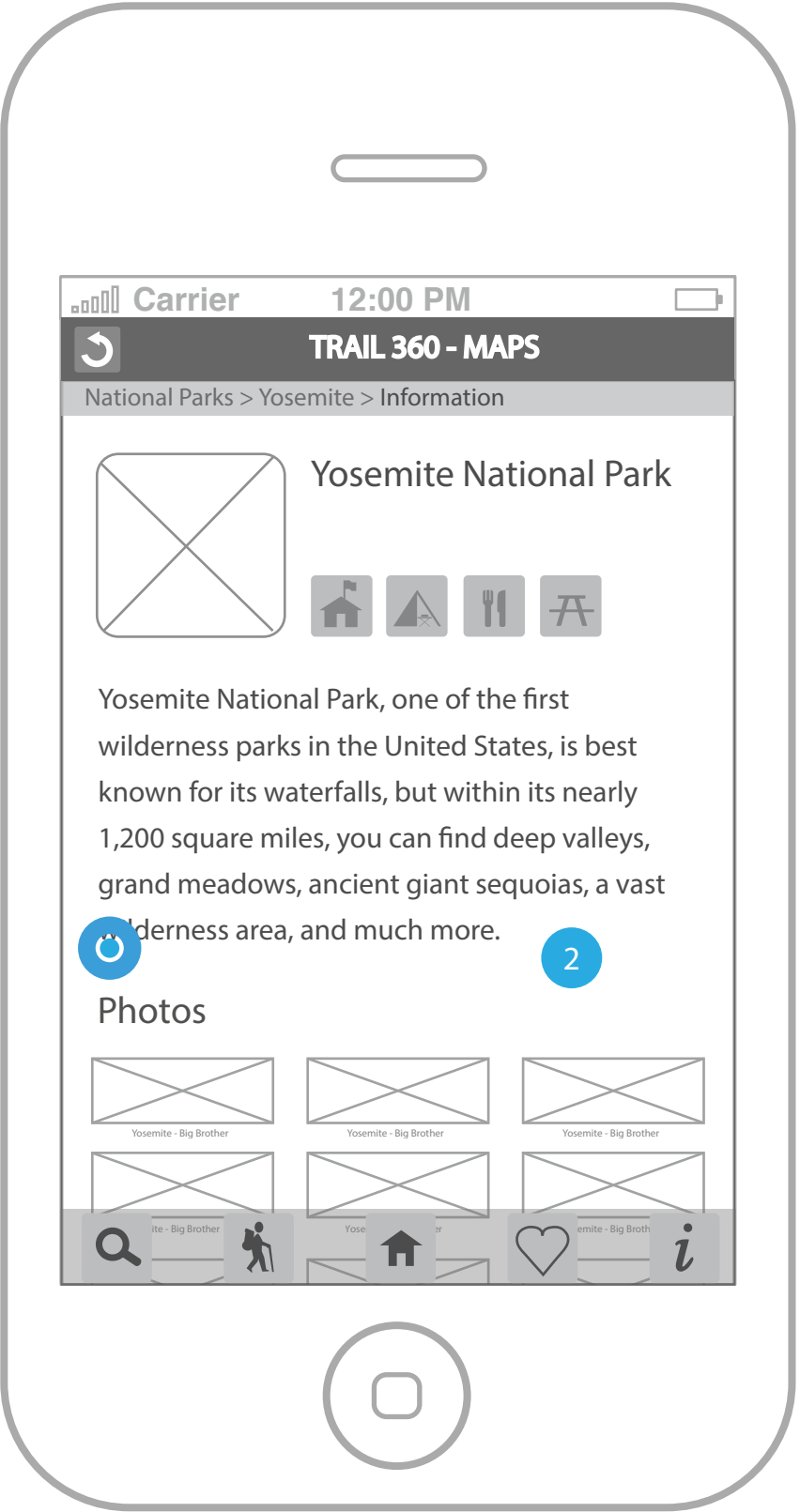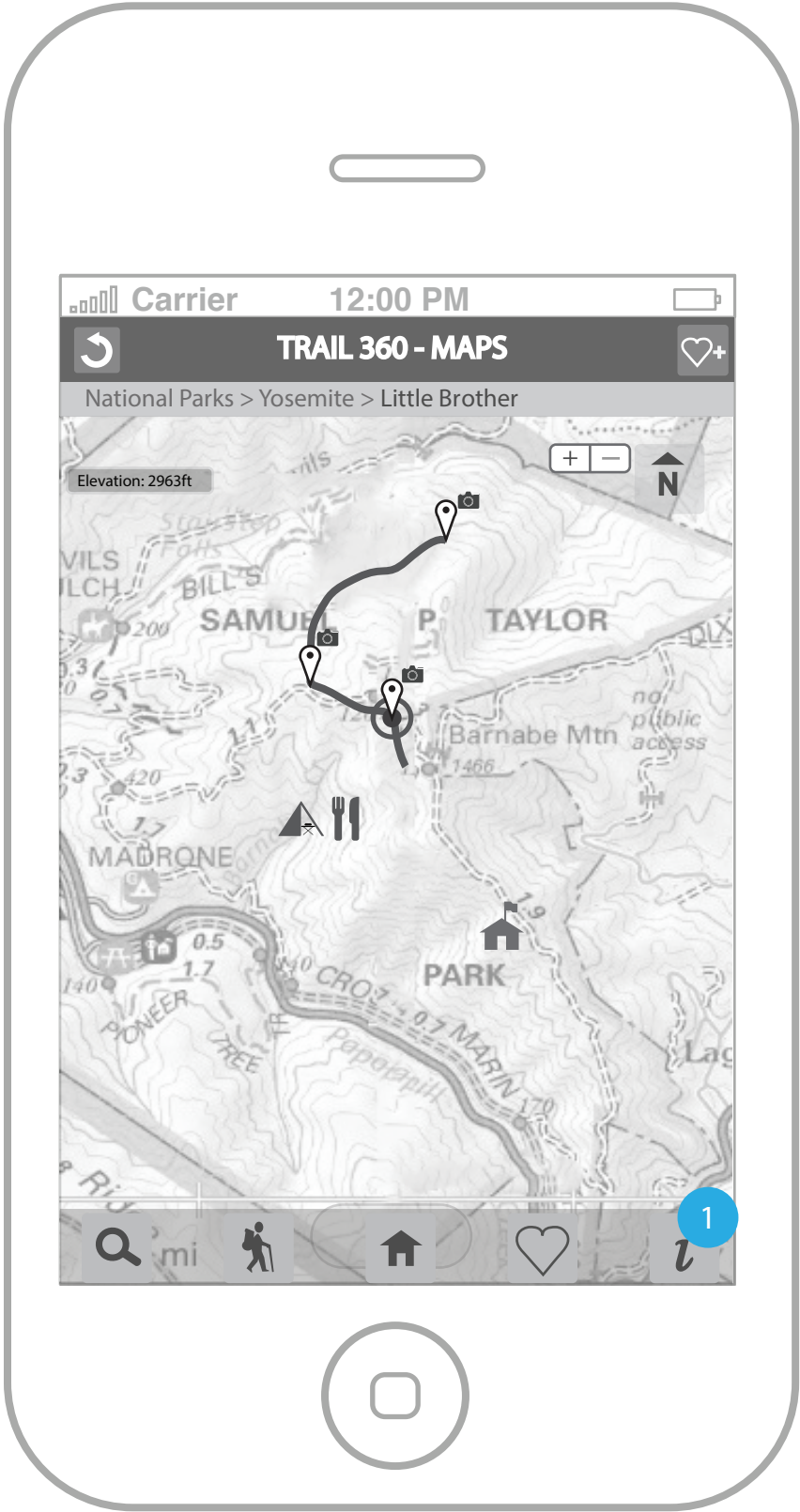
1 The heart icon allows the user to save a trail they like and view it later.

2 By clicking on the 'heart' icon, it saves the maps in the 'My Fav" location.

3 This map shows up on the 'Saved Trails' sublisting inside 'My Favs'.
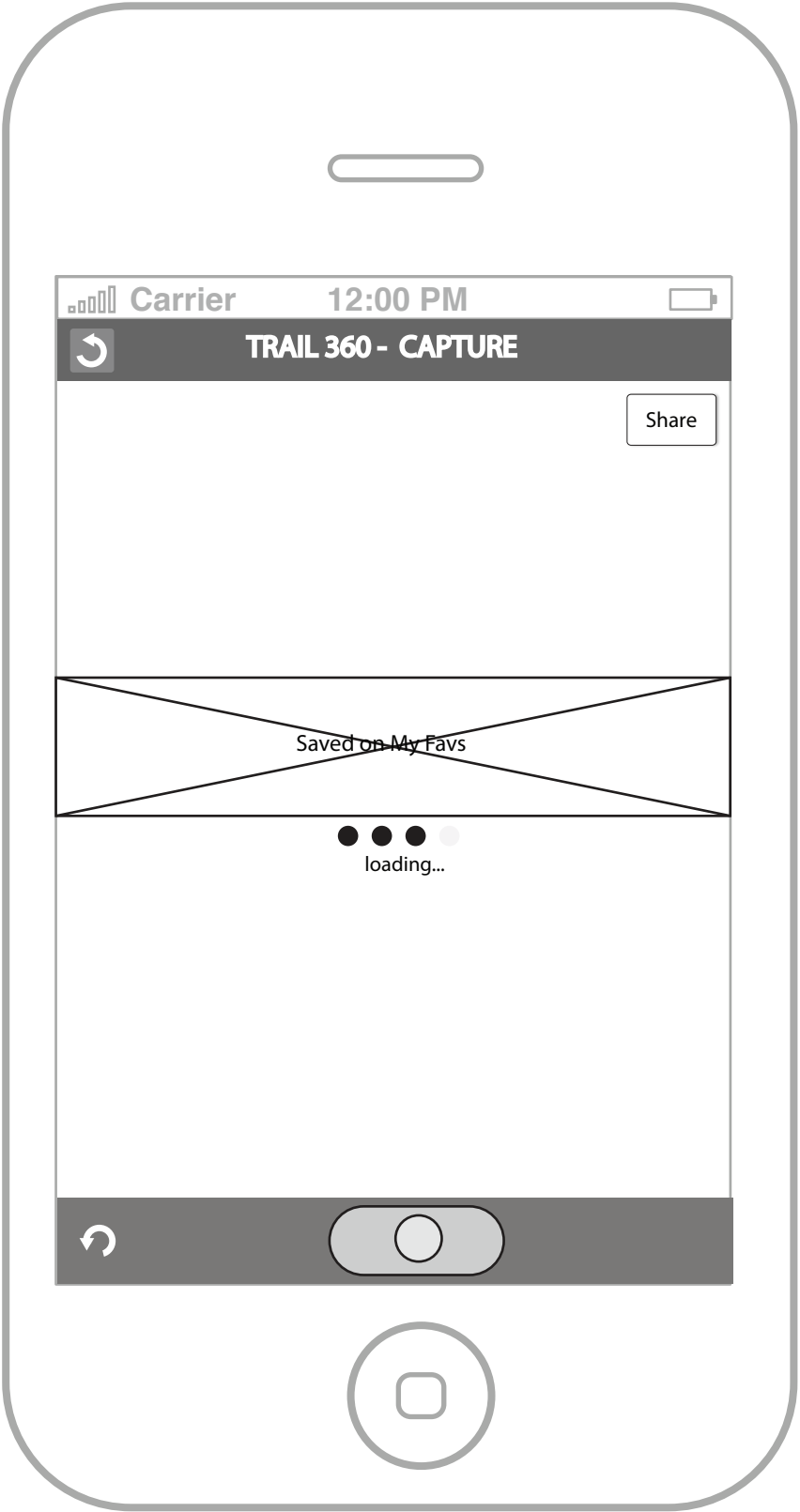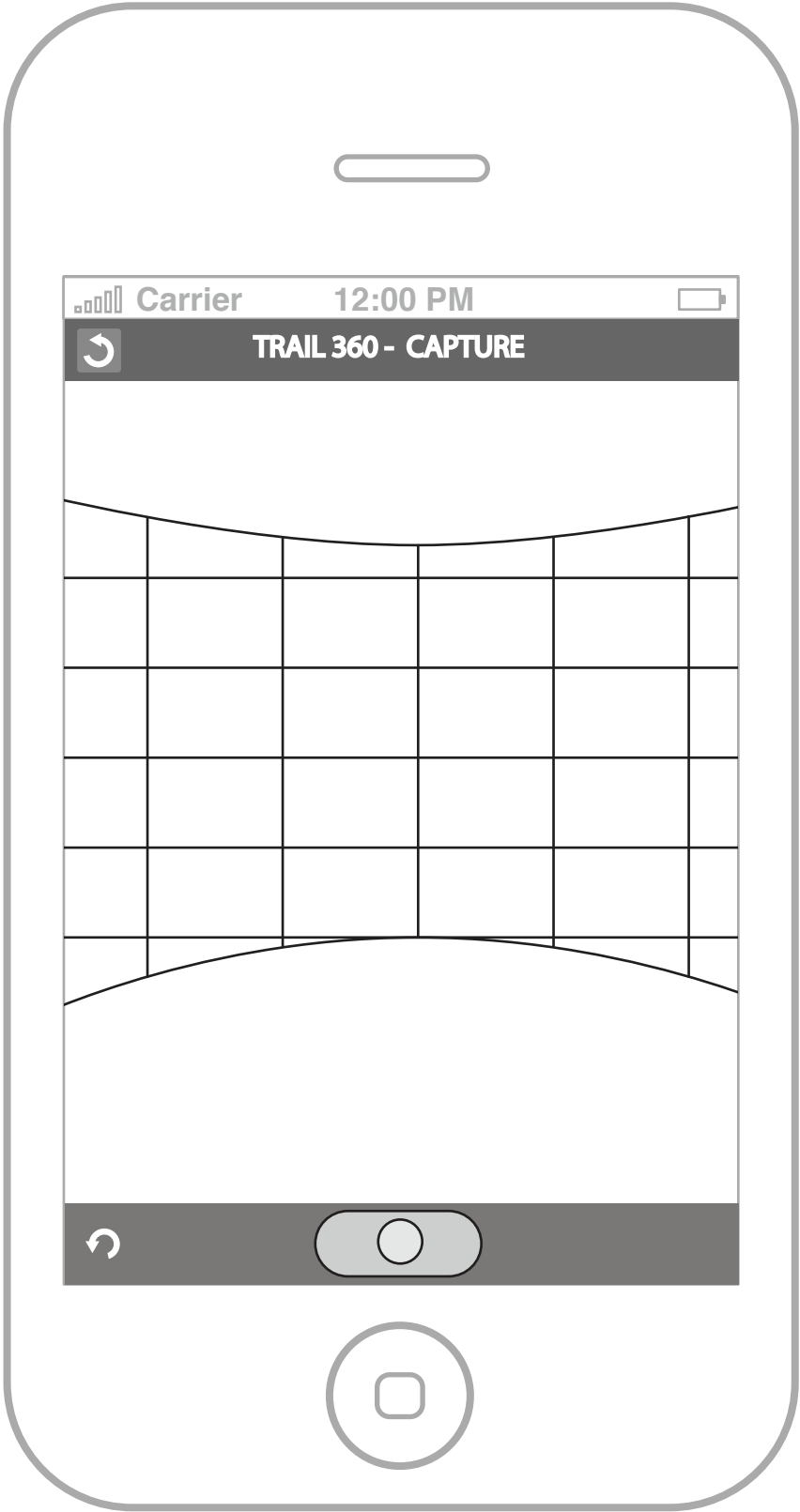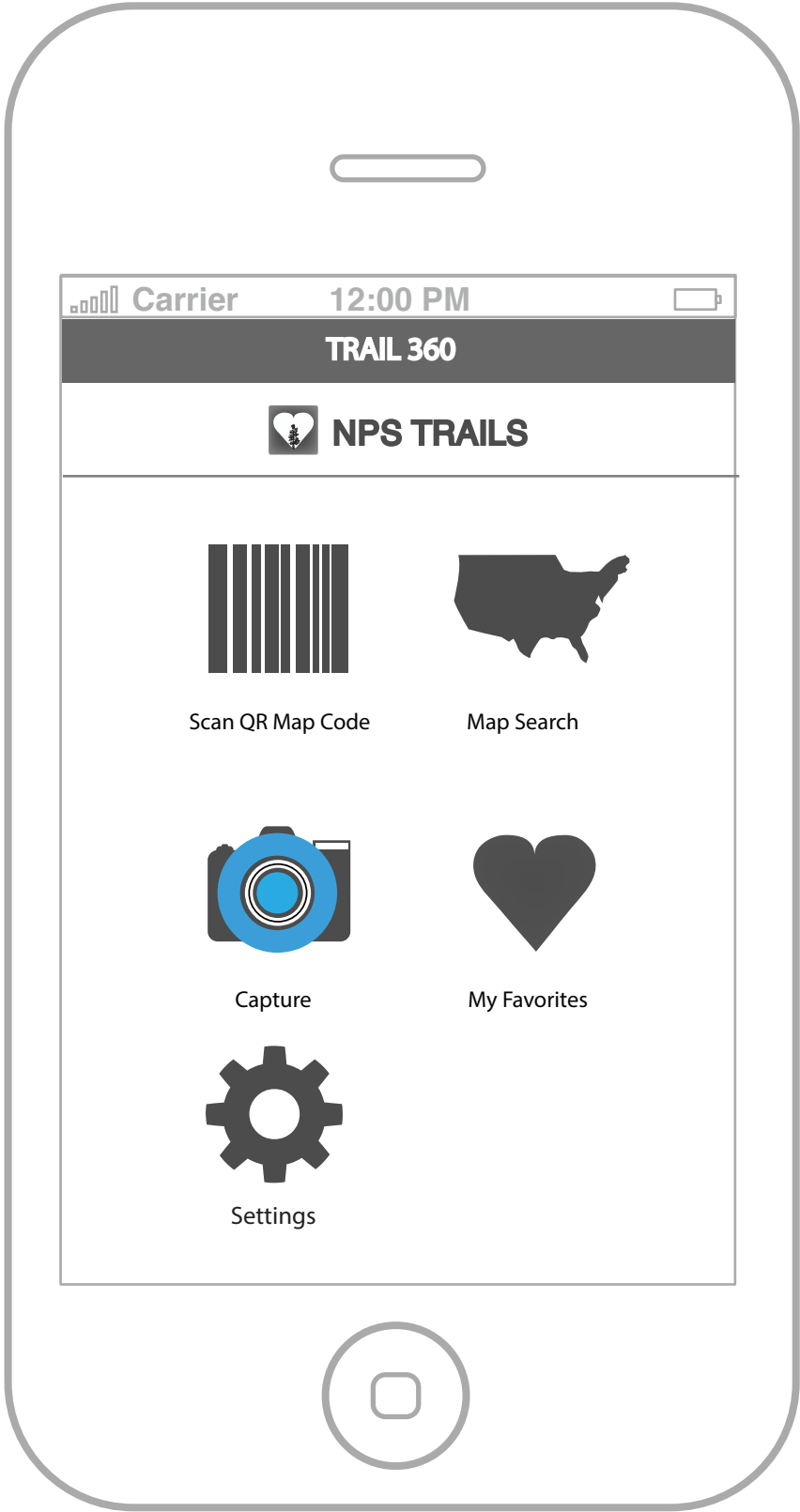
Low Fidelity Wireframes: Trail 360 App
Feature 3.4: Map Information

Screen 1 (Map view):

Carrier 12:00 PM

↺ TRAIL 360 - MAPS ♡+

National Parks > Yosemite > Little Brother

Elevation: 2963ft

+ −

N

VILS
ILCH
BILL'S
SAMUEL P. TAYLOR
no
public
access
Barnabe Mtn
1466
MADRONE
PARK
PIONEER
TREE
CRO
MARIN
Popocatepetl
Lag
R

🔍 mi 🚶 🏠 ♡ i

Screen 2 (Information view):

Carrier 12:00 PM

↺ TRAIL 360 - MAPS

National Parks > Yosemite > Information

Yosemite National Park

🏠 ⛺ 🍴 🏕

Yosemite National Park, one of the first wilderness parks in the United States, is best known for its waterfalls, but within its nearly 1,200 square miles, you can find deep valleys, grand meadows, ancient giant sequoias, a vast wilderness area, and much more.

Photos

Yosemite - Big Brother   Yosemite - Big Brother   Yosemite - Big Brother
Yosemite - Big Brother   Yosemite - Big Brother   Yosemite - Big Broth

🔍 🚶 🏠 ♡ i

Screen 3 (Information view):

Carrier 12:00 PM

↺ TRAIL 360 - MAPS

National Parks > Yosemite > Information

Yosemite National Park

🏠 ⛺ 🍴 🏕

Yosemite National Park, one of the first wilderness parks in the United States, is best known for its waterfalls, but within its nearly 1,200 square miles, you can find deep valleys, grand meadows, ancient giant sequoias, a vast wilderness area, and much more.

Photos

Yosemite - Big Brother   Yosemite - Big Brother   Yosemite - Big Brother
Yosemite - Big Brother   Yosemite - Big Brother   Yosemite - Big Brother
Yosemite - Big Brother   Yosemite - Big Brother   Yosemite - Big Brother

Annotations:

1. Information can be pulled inside the subnavigation menu. This will pull a brief overview of the park and relative information.

2. The relative info can range from icons as keys on map to entire photos. It's the quickest way to pull all visual data of the trail map.

3. The icons can be used to highlight locations with park services so that features can be easily found.

Low Fidelity Wireframes: Trail 360 App
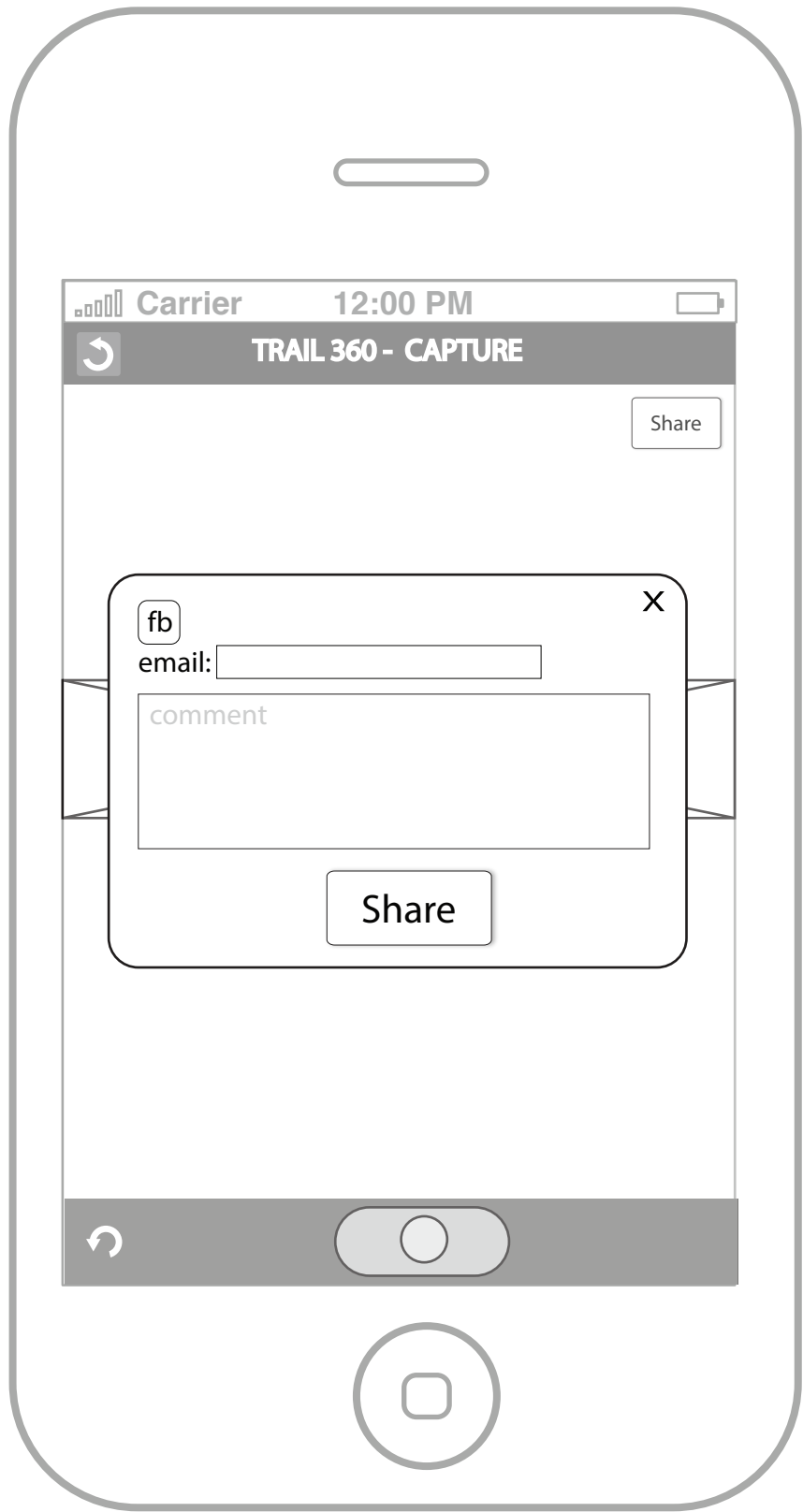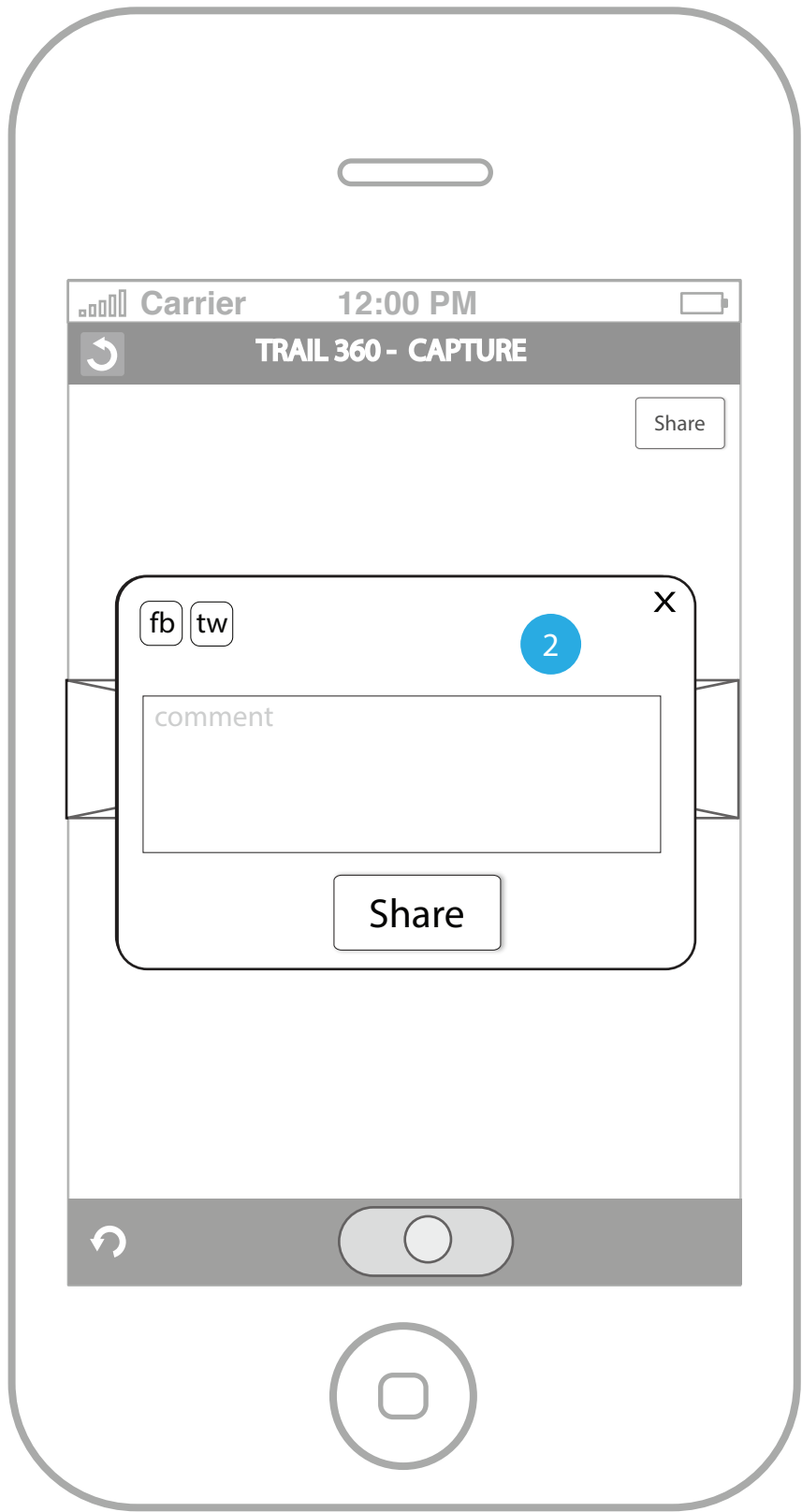## Feature 4.1: Capture

Carrier   12:00 PM

TRAIL 360

🔱 **NPS TRAILS**

Scan QR Map Code

Map Search

Capture

My Favorites

Settings

Carrier   12:00 PM

TRAIL 360 – CAPTURE

Carrier   12:00 PM

TRAIL 360 – CAPTURE

Share

Saved on My Favs

● ● ● ○
loading....

---

1 The capture tool gives the user a chance to take a photo for themselves. The service will not always ask for volunteers for photos and this tool is for a personal purpose.

2 Once the capture tool loads up, the camera can begin taking images to stich the photo together.

3 After it's done taking the image, it will save automatically to the server unless the service is unreachable. If that happens, the program will attempt to save at a later time.

Low Fidelity Wireframes: Trail 360 App
Feature 4.2: Capture & Share

Screen 1

⸱ıllı **Carrier**   12:00 PM   ▭

TRAIL 360 - CAPTURE

Share

Share on   ✕

☐ Facebook

☐ Twitter

☐ Email   ①

Next

Screen 2

⸱ıllı **Carrier**   12:00 PM   ▭

TRAIL 360 - CAPTURE

Share

fb tw   ✕   ②

comment

Share

Screen 3

⸱ıllı **Carrier**   12:00 PM   ▭

TRAIL 360 - CAPTURE

Share

fb   ✕
email:

comment
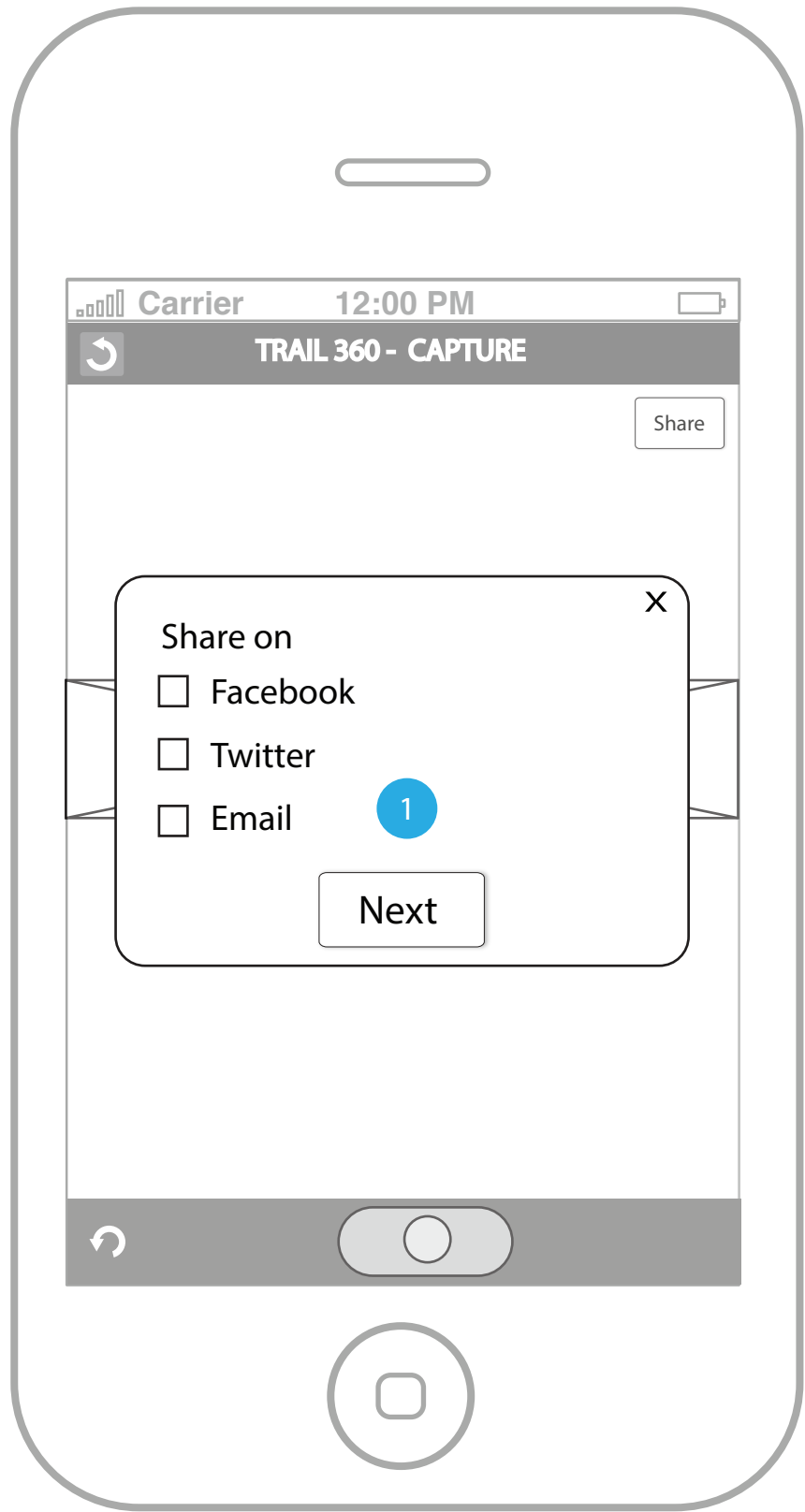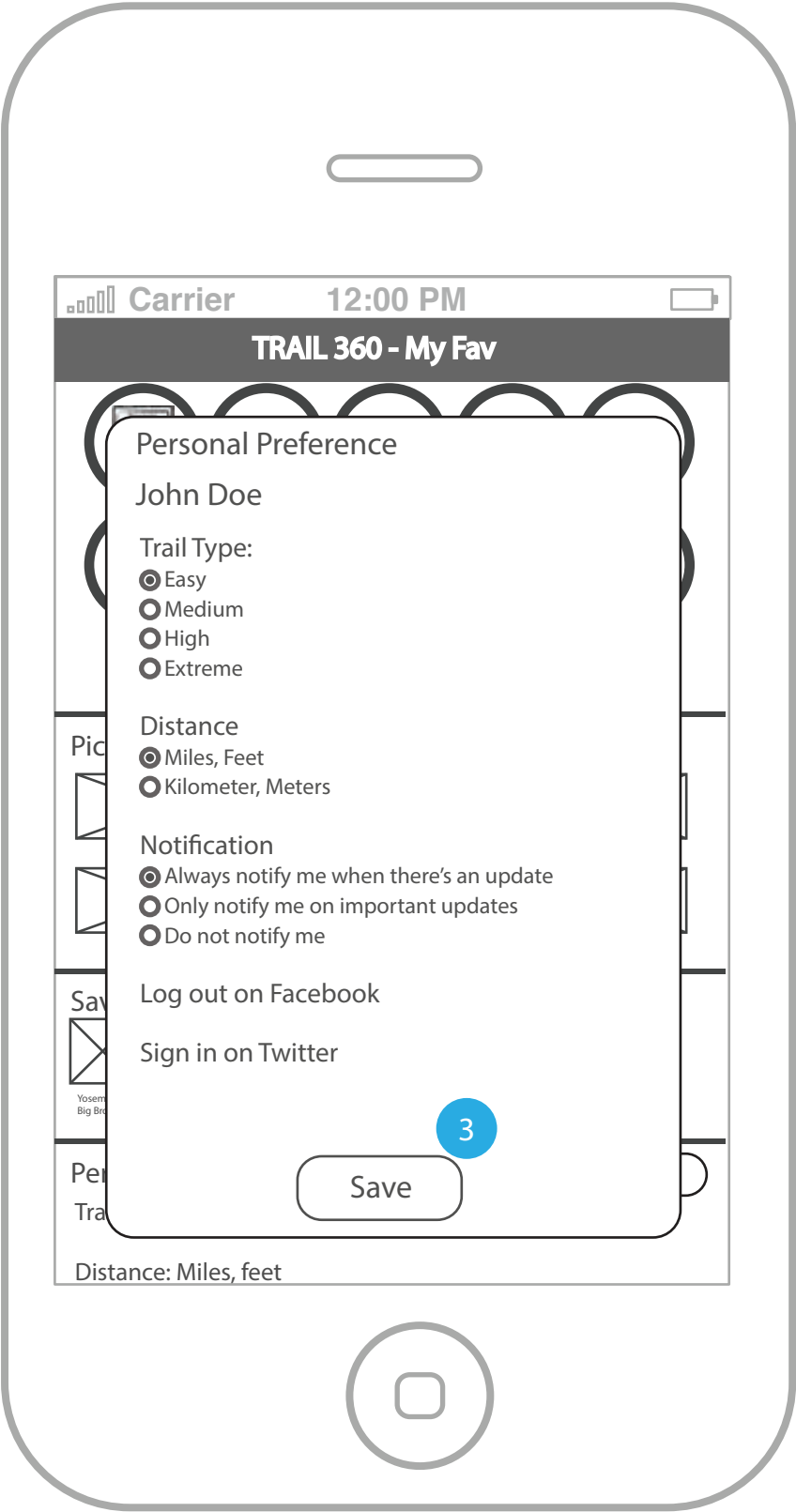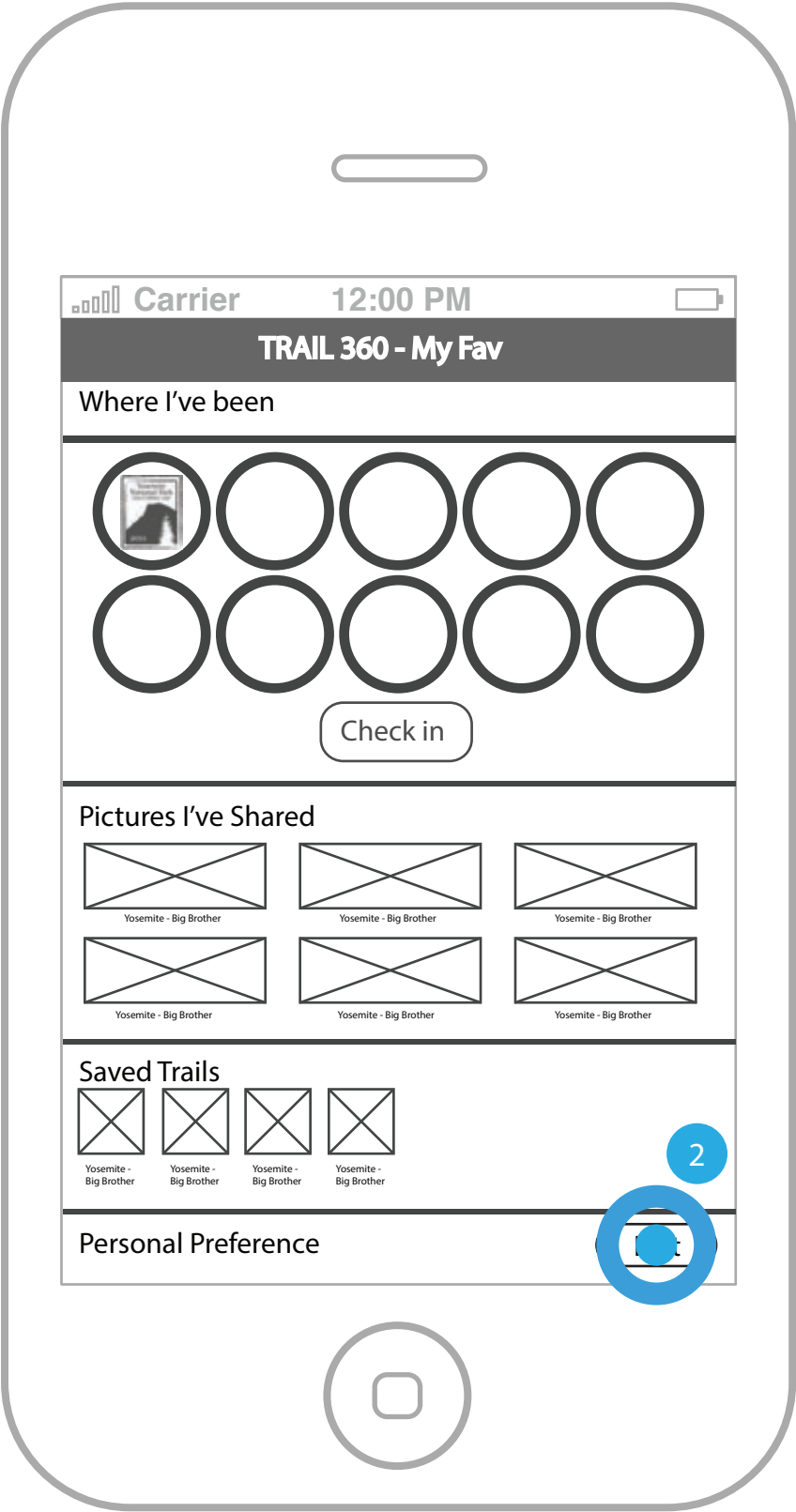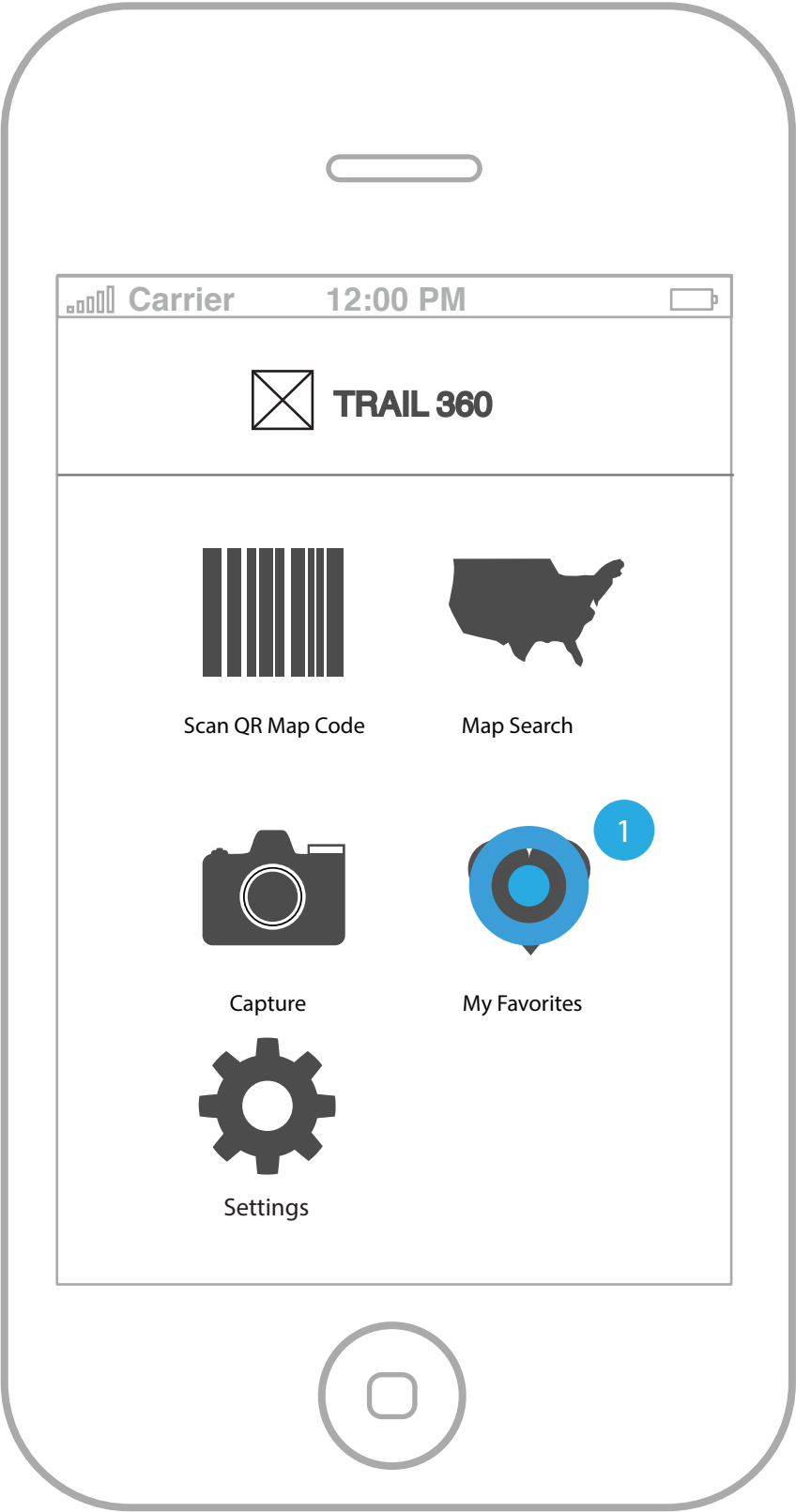
Share

① Once the image is saved, then the user can choose to share their image. Selections of several social network site will be available along with email attachment send.

② After selection the viewer can write a message with their send.
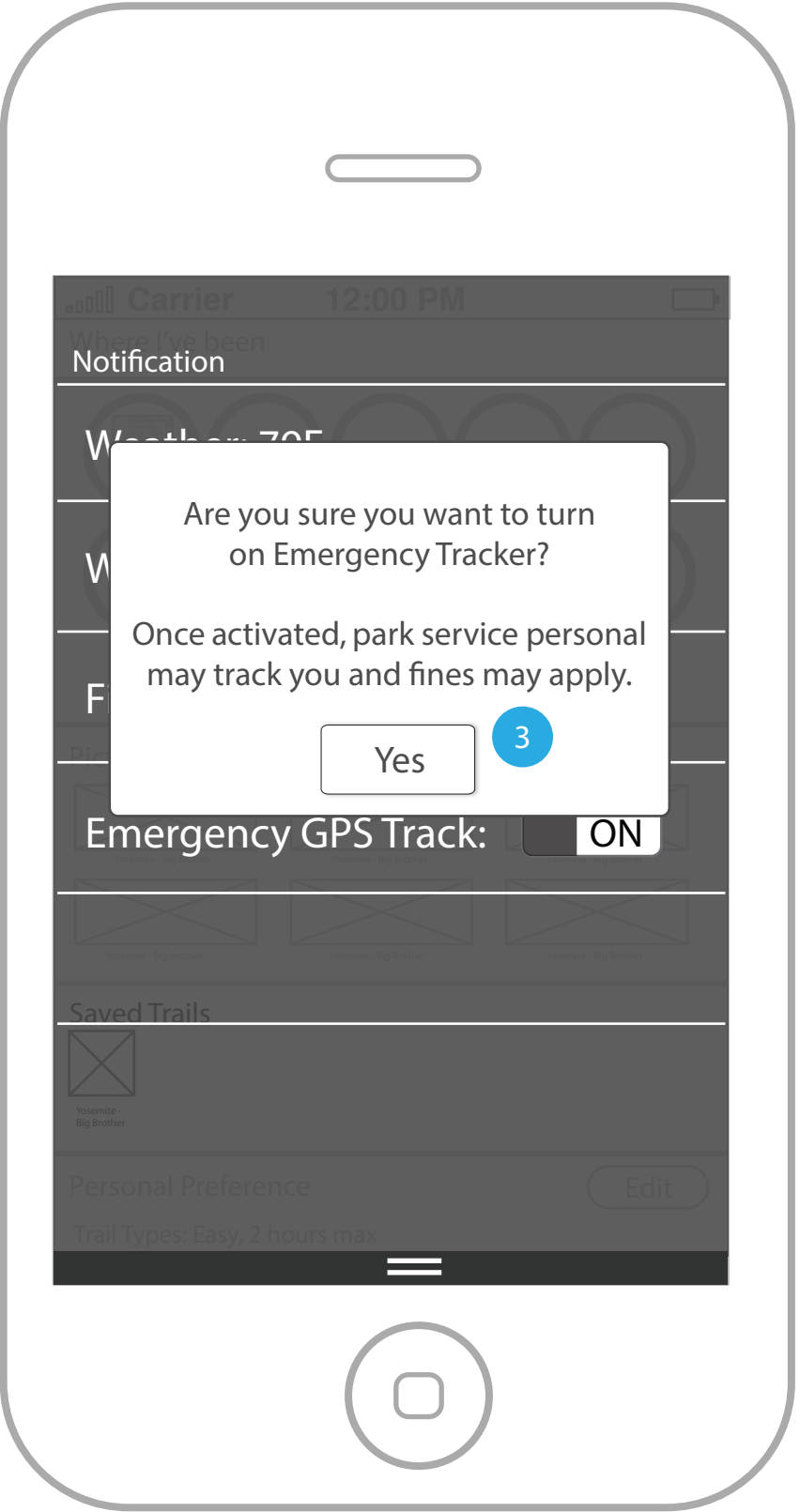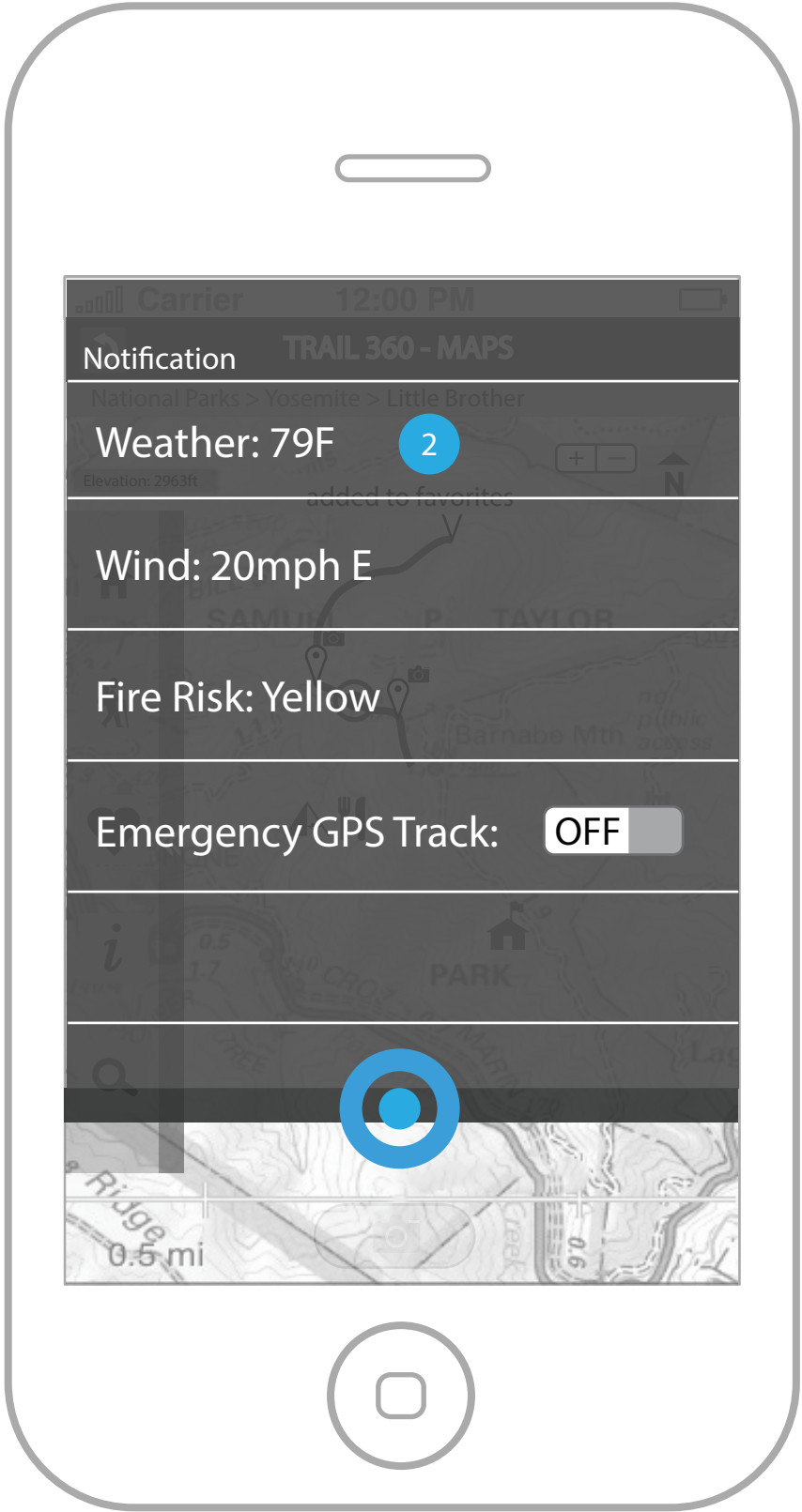
Low Fidelity Wireframes: Trail 360 App
Feature 5.1: My Fav

Screen 1

Carrier   12:00 PM

⊠ **TRAIL 360**

- Scan QR Map Code
- Map Search
- Capture
- My Favorites **(1)**
- Settings

Screen 2

Carrier   12:00 PM

TRAIL 360 - My Fav

Where I've been

[Check in]

Pictures I've Shared

Yosemite - Big Brother | Yosemite - Big Brother | Yosemite - Big Brother
Yosemite - Big Brother | Yosemite - Big Brother | Yosemite - Big Brother

Saved Trails

Yosemite - Big Brother | Yosemite - Big Brother | Yosemite - Big Brother | Yosemite - Big Brother

Personal Preference **(2)**

Screen 3

Carrier   12:00 PM

TRAIL 360 - My Fav

Personal Preference

John Doe

Trail Type:
- ⊙ Easy
- ○ Medium
- ○ High
- ○ Extreme

Distance
- ⊙ Miles, Feet
- ○ Kilometer, Meters

Notification
- ⊙ Always notify me when there's an update
- ○ Only notify me on important updates
- ○ Do not notify me

Log out on Facebook

Sign in on Twitter

(3) [Save]

Pic...
Sav...
Per...
Tra...
Distance: Miles, feet
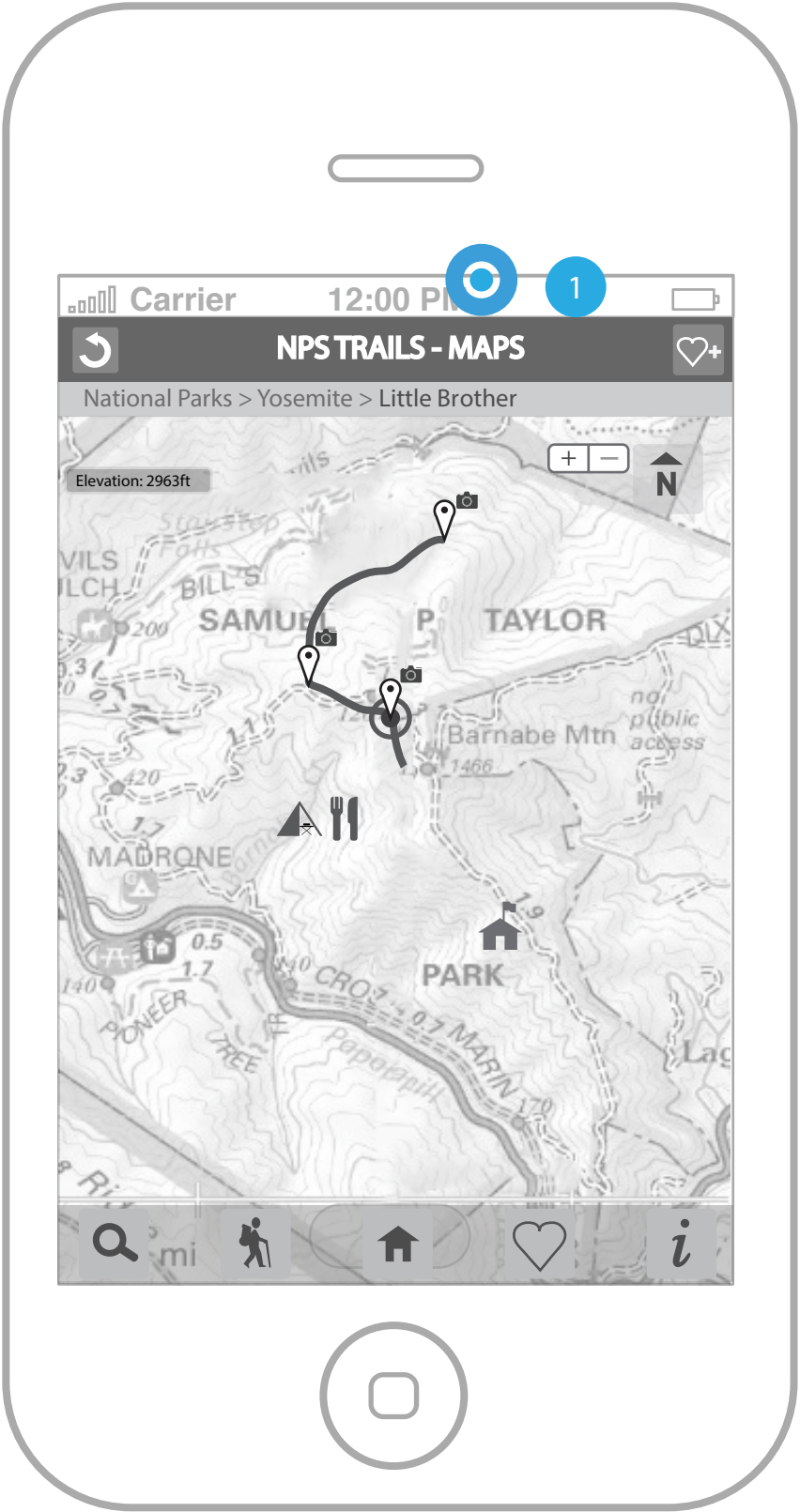
---

(1) My Favorites allows the user to recall events, photos, and trails that they've saved in the past.

(2) From check ins to shares, it's all available inside. Preferences can be edited to the user's desire.

(3) From levels of difficulty to options of how notifications are viewed, they can be selected and saved.

Low Fidelity Wireframes: Trail 360 App
Feature 6: Notification System

Screen 1 (Map view):

⊙ 1

📶 Carrier   12:00 PM   🔋

↩ **NPS TRAILS - MAPS**   ♡+

National Parks > Yosemite > Little Brother

Elevation: 2963ft

🔍 mi   🚶   🏠   ♡   ⓘ

Screen 2 (Notification):

📶 Carrier   12:00 PM   🔋

Notification   TRAIL 360 - MAPS

Weather: 79F   2

Wind: 20mph E

Fire Risk: Yellow

Emergency GPS Track: OFF

0.5 mi

Screen 3 (Notification with dialog):

📶 Carrier   12:00 PM

Notification

Weather: 79F

Are you sure you want to turn
on Emergency Tracker?

Once activated, park service personal
may track you and fines may apply.

Yes   3

Emergency GPS Track: ON

Saved Trails

---

1 Notifications can be pulled down at any point by the user to get updates on what's going on inside the park.

2 From weather, fire risk and any additional updates by the range service, the update will be immediately available.

3 There's even an emergency GPS tracking beacon that can be activated by the user. Once it's activiated the Parks Service would be able to triangulate that signal out in the woods.

Low Fidelity Wireframes: Trail 360 App
Hortizontal View of the Trail Map

Carrier   12:00 PM

NPS TRAILS - MAPS

National Parks > Yosemite

Trail   Photo

1

Yosemite Valley

North Side Drive

South Side Drive

Yosemite Village

Sentinal Dome

Powered by Google Maps