

# Venture

Group 1

CS 329E  
The University of Texas at Austin

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# Group Members

- ▶ Justin Chao
- ▶ Julianne Crea
- ▶ Connie Liu

## Application Description

- ▶ trip-planning often involves just making a Word or Google doc and inserting links to other websites.
- ▶ Venture provides simple and convenient planning of trip itineraries
- ▶ reinforces safe-spending-habits by actively tracking your expenses.
- ▶ increases efficiency in planning for travel to multiple places by putting it all in one app.
- ▶ provides for a more organized and therefore, more enjoyable travel experience.

# Target Audience

- ▶ Anyone who enjoys traveling and likes to have well-organized travel plans

# Application Functionality

- ▶ Firebase backend with Google user authentication will be implemented.
- ▶ user options (user profile, themes)
- ▶ search for non-stop flights.
- ▶ search for food/restaurants.
- ▶ search for tourist attractions.
- ▶ save customized event details to an itinerary page
- ▶ set reminders for any event
- ▶ set budgets for trip categories

# Application Challenges

- ▶ learning Firebase and various APIs
- ▶ setting constraints for views with many UI elements.

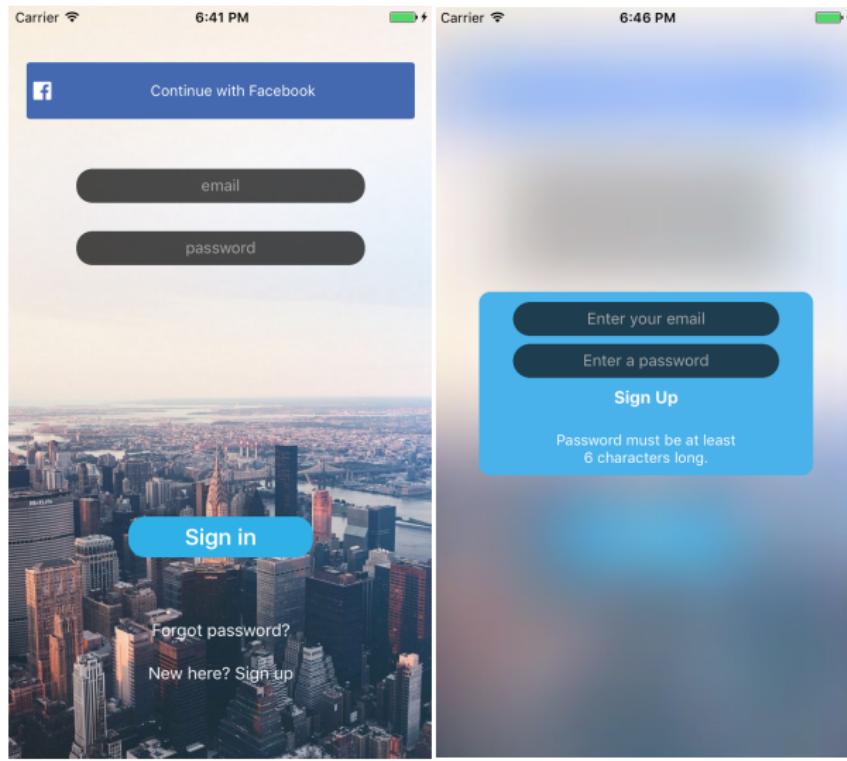
# Group Member Contributions

| Group Member  | Contribution   |
|---------------|--|
| Justin Chao   | <ul style="list-style-type: none"><li>- Firebase auth and database implementation</li><li>- Facebook auth implementation</li><li>- trip, itinerary, and event views</li><li>- background switching functionality</li><li>- MapKit implementation</li><li>- searching for flights w/ Google QPX Express API</li></ul> |
| Julianne Crea | <ul style="list-style-type: none"><li>- searching for places using Yelp API and Alamofire</li></ul>  |
| Connie Liu    | <ul style="list-style-type: none"><li>- searching for foods using Yelp API and Alamofire</li></ul>   |

# Login/Registration

## Login/Registration

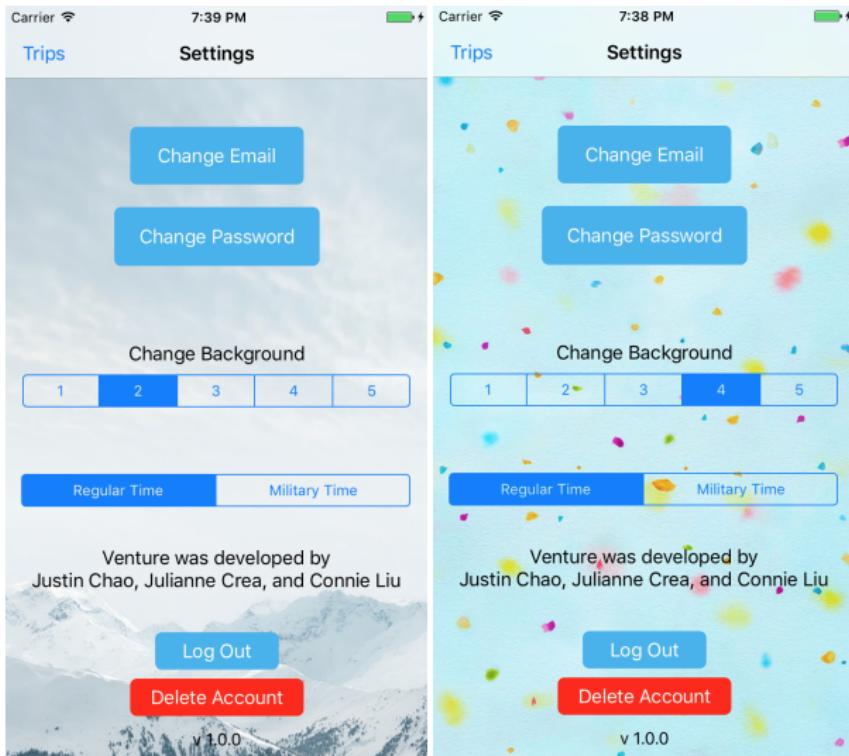
- ▶ Facebook Auth
- ▶ Firebase Auth



# Settings

## Settings View

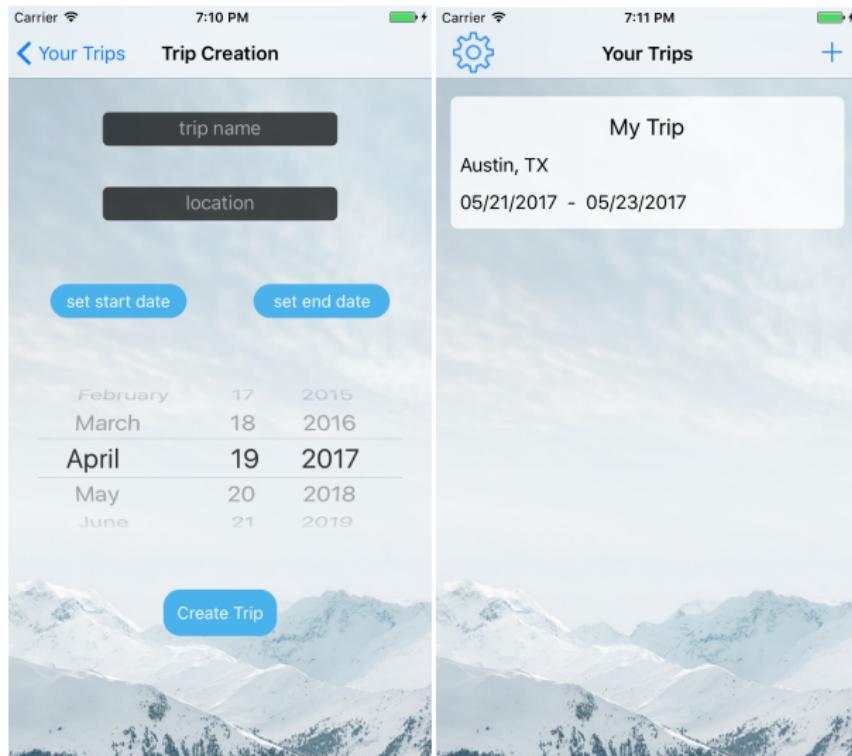
- ▶ background & time format switching
- ▶ logout
- ▶ delete account



# Trips

## Trips View

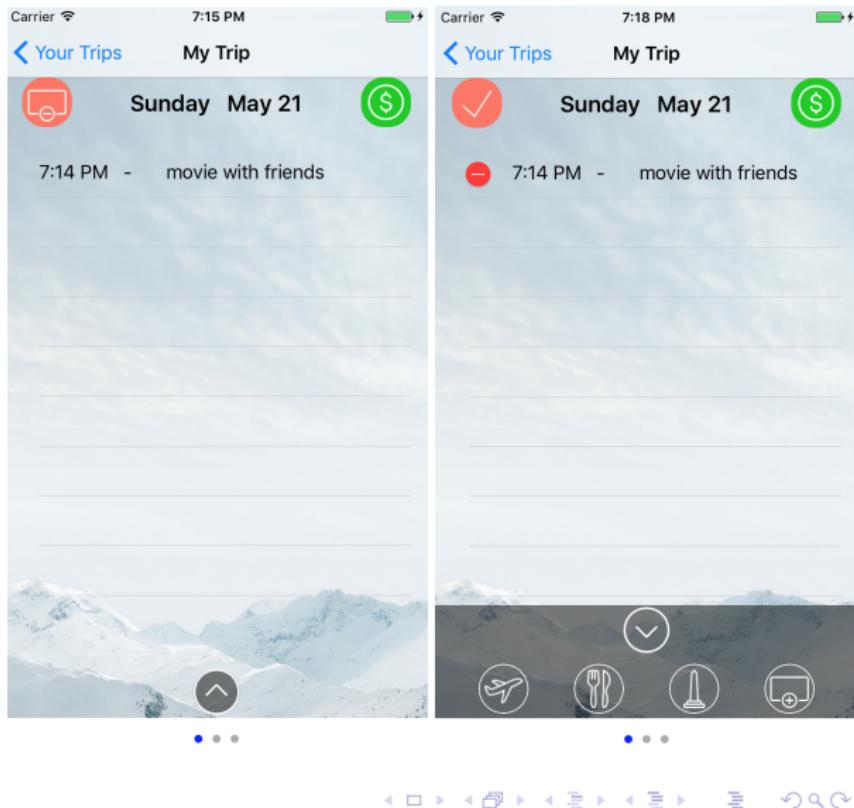
- ▶ Trip Creation
- ▶ Your Trips



# Itinerary

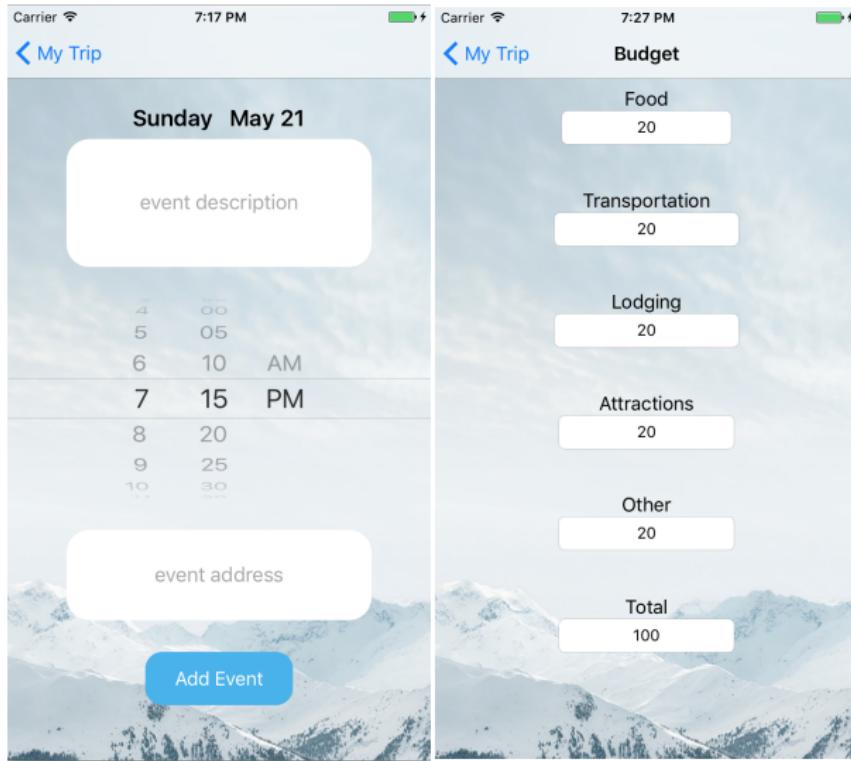
## Itinerary View

- ▶ itinerary views



# Add Event/Budget

- ▶ Event Creation
- ▶ Budget View



# Food

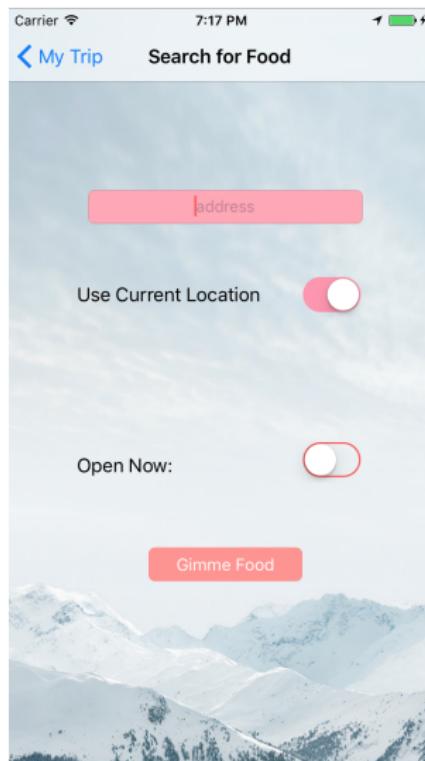
Carrier 7:17 PM

[My Trip](#) [Search for Food](#)

Use Current Location

Open Now:

[Gimme Food](#)



Carrier 7:30 PM

[Search for Food](#) [Food](#)

**Annie's Hot Dogs & Pretzels** [4.0 >](#)  
Food Stands

**Tropisueño** [4.0 >](#)  
Mexican

**Taqueria Castillo Mason** [4.0 >](#)  
Mexican

**Stanley's Steamers** [4.0 >](#)  
Food Stands

**Bowl'D Acai** [4.5 >](#)  
Food Trucks

**Colibri Mexican Bistro** [3.5 >](#)  
Mexican

**Lobsta Truck** [3.0 >](#)  
Food Trucks

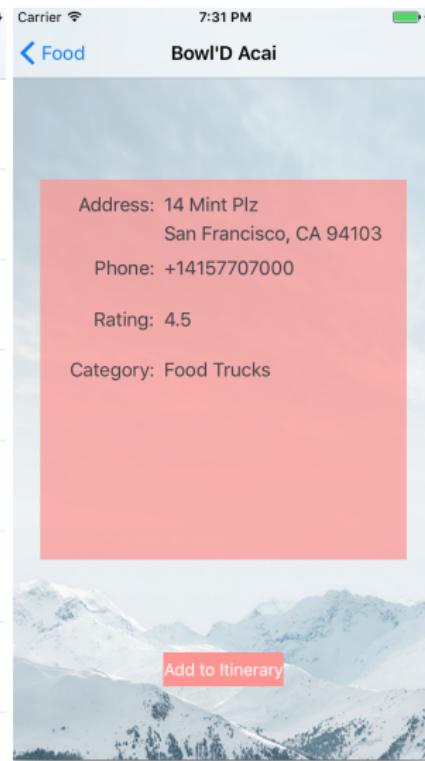
**Bini's Kitchen** [△ 0 >](#)

Carrier 7:31 PM

[Food](#) **Bowl'D Acai**

Address: 14 Mint Plz  
San Francisco, CA 94103  
Phone: +14157707000  
Rating: 4.5  
Category: Food Trucks

[Add to Itinerary](#)



# Places

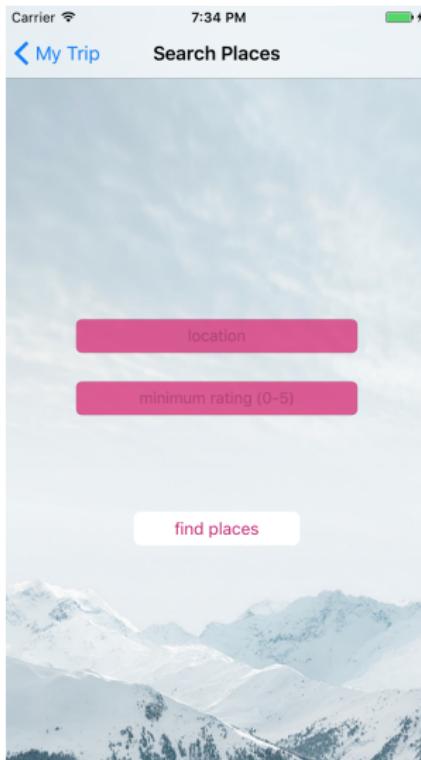
Carrier ⌂ 7:34 PM

My Trip Search Places

location

minimum rating (0-5)

find places



This screen shows a search interface for finding places. It includes a back arrow, a search bar labeled "Search Places", and a location input field. Below these are two pink buttons: one for "location" and one for "minimum rating (0-5)". At the bottom is a white button labeled "find places".

Carrier ⌂ 7:35 PM

Search Places Places

Mount Bonnell  
Hiking 4.5 / 5

Pennybacker Bridge  
Landmarks 4.5 / 5

Texas State Capitol  
Landmarks 4.5 / 5

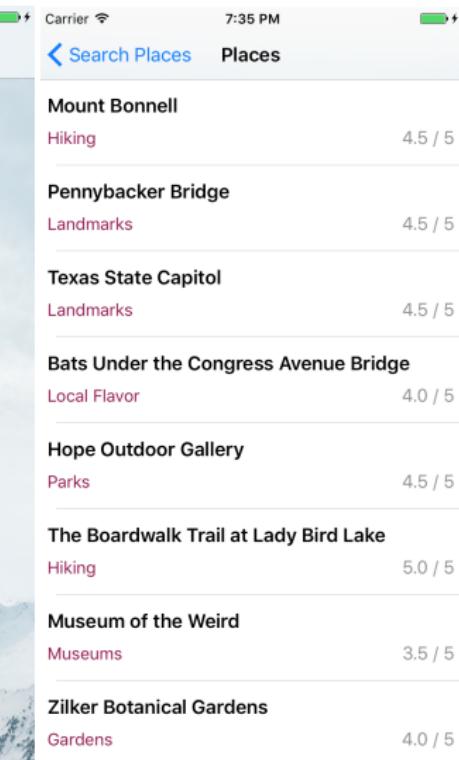
Bats Under the Congress Avenue Bridge  
Local Flavor 4.0 / 5

Hope Outdoor Gallery  
Parks 4.5 / 5

The Boardwalk Trail at Lady Bird Lake  
Hiking 5.0 / 5

Museum of the Weird  
Museums 3.5 / 5

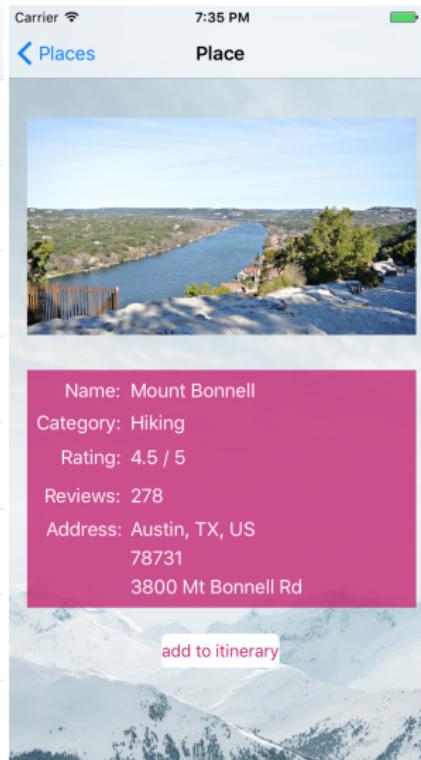
Zilker Botanical Gardens  
Gardens 4.0 / 5



This screen displays a list of places found by the search query. Each entry includes the place name, category, and rating. The background features a large, faint image of a bridge over water.

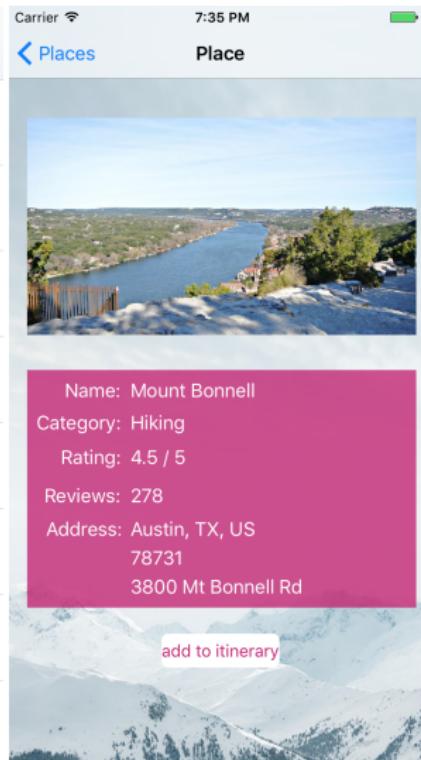
Carrier ⌂ 7:35 PM

Places Place



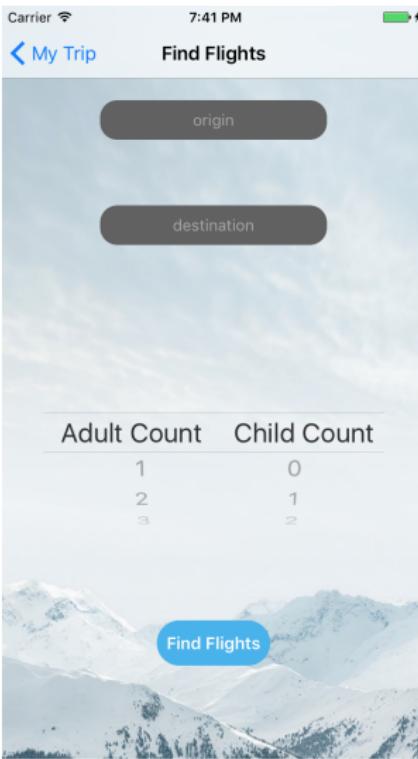
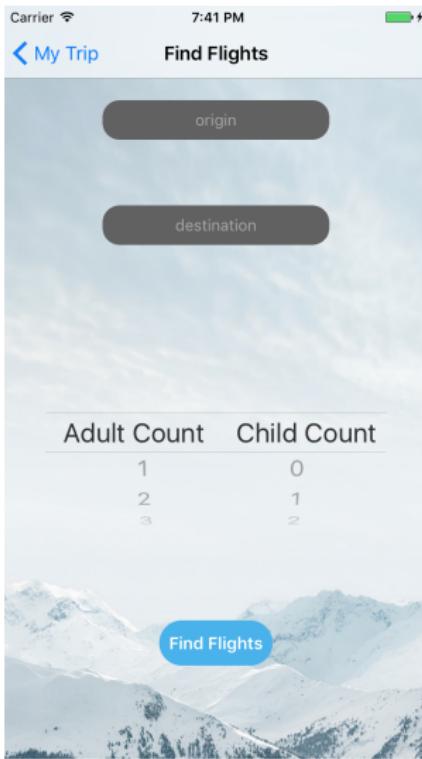
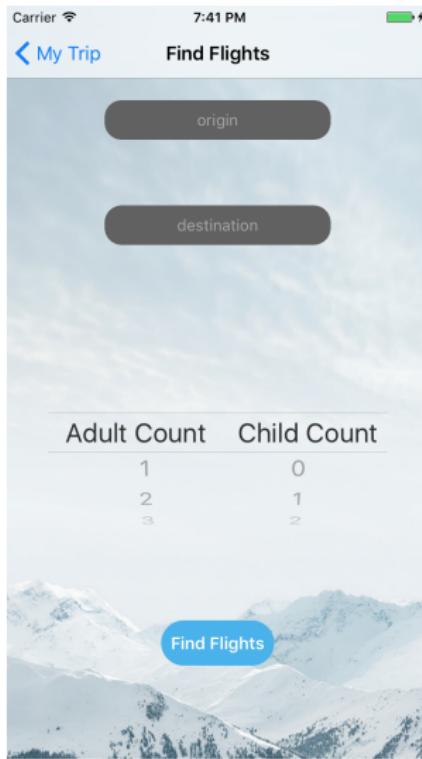
Name: Mount Bonnell  
Category: Hiking  
Rating: 4.5 / 5  
Reviews: 278  
Address: Austin, TX, US  
78731  
3800 Mt Bonnell Rd

add to itinerary

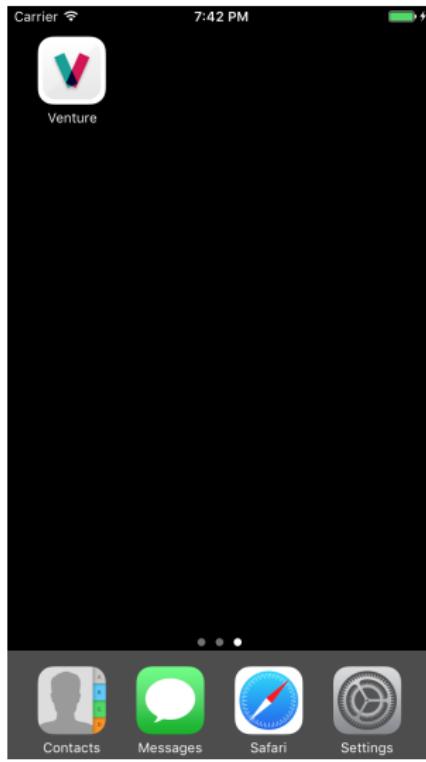


This screen shows detailed information for the first place in the list: Mount Bonnell. It includes the place name, category, rating, reviews, address, and a button to "add to itinerary". The background features a large, faint image of a bridge over water.

# Flights



# Demo



# Questions & Answers

Find it on GitHub: <https://github.com/j-chao/venture>