

## **How to Test Beta Release**

- Firebase authentication is not implemented for this release. When the login screen appears, press the login button to enter the app
- If the user opens the camera through the app while on a simulator, the app will crash

## **Contributions**

### **Mallory Butt (25%)**

- Login/Signup screen
  - Screen design
  - Login with email and password
  - Signup with email, username, name and password
  - Alert if login or signup error
- Profile Page screen
  - Screen design
  - Change profile picture by clicking on profile picture
  - Profile page updated when user updates their settings
  - See other user profile from news feed profile picture and trip information page
  - Toggle settings button and blue follow button depending on if it is your own profile page vs. someone else's.
  - Follow a user from their profile page (request is they are private)
  - Unfollow a user from following list and their profile page
- Followers List/Following List screen
  - Screen design
  - Unfollow user from following list
  - Accept/deny requests from requests list
  - Updates based on changes (unfollow a user, accept a request, someone username changes, etc)

### **Hudson Tran (25%)**

- Entry Information Screen
  - Designed layout
  - Read info from Firebase and populate the screen
  - Restrict settings to the user who owns the entry
  - Linked the entryInfo page to the corresponding Trip
- Edit Trip Screen
  - Designed layout
  - Add Trip functionality implemented and connected to Firebase
  - Creates Trips/Entries and updates User's trip field in Firebase
  - Trip stores metadata and reference list to all of the entries included
- Edit Entry Order Screen

- Designed layout
- Implemented connection with Firebase, moved save button to Edit Trip Screen

### Andy Weng (25%)

- News Feed Screen
  - Design screen UI and Layout
  - Retrieve entry information from firebase and populate the table view and collection view based on the returned.
  - Added refresh functionality that allows the user to get the newest 20 posts/entries when they swipe down at the very top or click the refresh button.
  - Added newsfeed collection on firebase for each user (fanned out approach where entries are written to multiple places to increase efficiency of retrieving posts.
- Edit Entry Screen
  - Design screen UI and Layout
  - Added ability to edit current entries or add entries if it's a new entry
  - Added ability to set entry and trip cover photo
- Add Entry Screen
  - Design screen UI and Layout
  - Added ability to add posts to firebase in the correct necessary sections when save button pressed.
  - Added functionality to update the edit trip screen when the current map changes

### Bryan Yang (25%)

- Settings screen
  - UI design and implementation
  - Change email, username, display name, bio, password, account privacy
- Trip information screen
  - UI design and implementation
  - Retrieve trip data from Firebase and display in map view
  - Custom callouts for each annotation
  - Draw line connecting each annotation
  - Prepare segue connecting trip information screen to profile page
- Explore screen
  - UI design and implementation
  - Retrieve entries from database sorted by creation timestamp
  - Lazily load cover photos for entries
  - Search bar with autocomplete search results
  - Drag down to refresh entries
  - Prepare segue connecting explore page to entry information page

As a Group

- Added the Tab Bar and Navigation Bar
- Added the segues across the app
- Formed consensus on UI decisions

## **Deviations**

### **Mallory Butt**

- When a user is private and you are not following, a message should display explaining how you must be following a private user to see their posts
- Left-justify trip collection view when there is only one image
- Some kind of notification on the app when a user receives a request

### **Hudson Tran**

- Editing Trips functionality is not yet implemented on the Add/Edit Trip page.
- Load existing trip info into Edit Trip page and synchronize edits to the trip
- Add alerts to make sure user does not forget to fill out trip info
- Implement segue to Edit Entry from Entry Info

### **Bryan Yang**

- Segue between callout and entry information page not implemented, got slowed down by bugs due to synchronization issues
- Explore search not implemented yet, more discussion needed on how location is set for entries and what the filter query should be

### **Andy Weng**

- Add Entry search not implemented. Currently you are only able to long press to add an entry. Do plan on adding an auto complete search functionality to add a location.
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