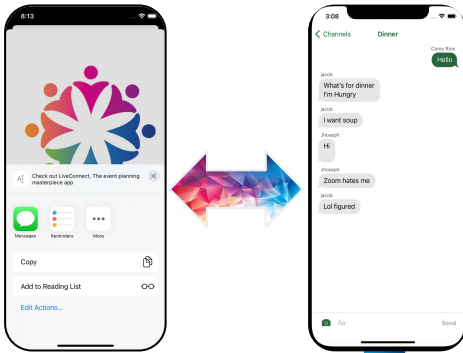




Overview

Goal: To create a cloud based iOS app that allows easier organization of social gatherings. The app achieves this through group messaging, sharing venues and restaurants through Apple maps, and polling features to help make decisions on event details.







Invitation Service

Problem: Create a way for users to share the app with other people through different media.

Solution:

- ✓ Implement storyboard file for display setup
- ✓ Create example text to send for a message
- ✓ Create a link that sends the user to app download (Github)

Invitation link capable through:

- ✓ Messages 
- ✓ Twitter 
- ✓ Copy Link 
- ✓ Email 

Messaging Services

Problem: Create a cloud based messaging system with group messaging features. The features present will be, multiple users message over a cloud server, send pictures, polls, and venues/restaurant locations.

Solution:

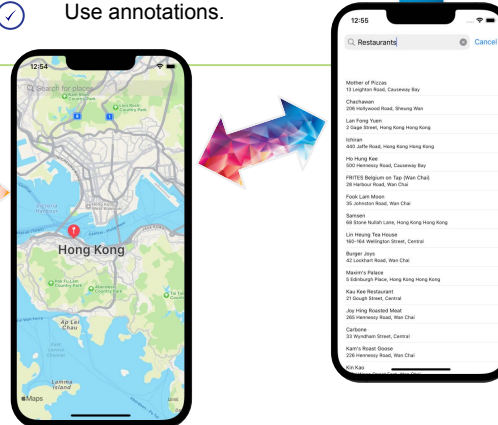
- ✓ Use a MessageKit package to handle all of the styling and group message structure.
- ✓ Using Firebase to allow group messaging and handle all of the back end functionality.
- ✓ Added buttons and functionality to the original MessageKit template to handle sending pictures and user made polls.

Map Search

Problem: Allow users to search and add establishments using a map.

Solution:

- ✓ Use Mapkit
- ✓ Use Apple maps with a search bar.
- ✓ Search places using Mapkit's API.
- ✓ Use tableview to show results.
- ✓ Use annotations.

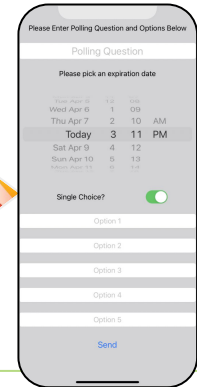


To The Polls

Problem: Create a polling system to allow users to choose from different options about a event such as venues, times, and location.

Solution:

- ✓ Use Firebase to set handle back end functionality
- ✓ Add buttons to set polling choices.
- ✓ Use Date Picker to set expiration time.
- ✓ Use link to send in the chat that redirects to poll



Notifications

Problem: Send and receive notifications both locally and remotely.

Solution: Create a View controller, set up local notifications. Push (remote) notifications can be added after an Apple developer account is acquired.

Future Work

The **LiveConnect App** works best on iOS devices. The map and chat features are incomparable to android components for the necessary uses we require. In the future, the app can be developed for Android use.

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