

Portfolio

Zixuan Kevin Fan

kfan.io/oracle.pdf



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Parsons School of Design

MFA Candidate Design and Technology

University of California, Los Angeles

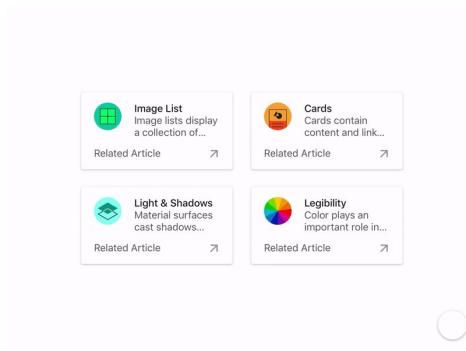
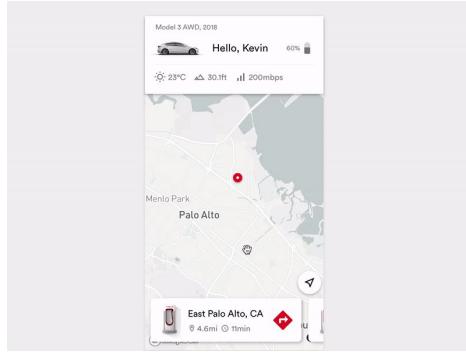
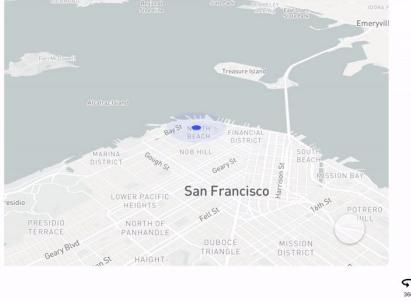
BS Electrical and Computer Engineering

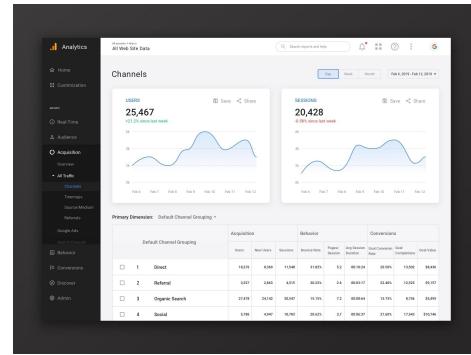
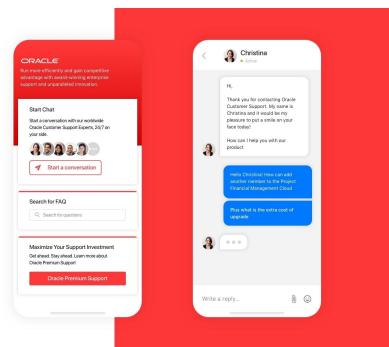
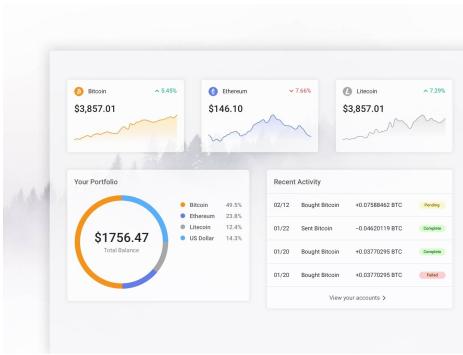
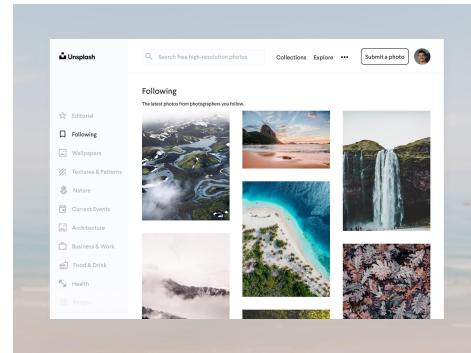
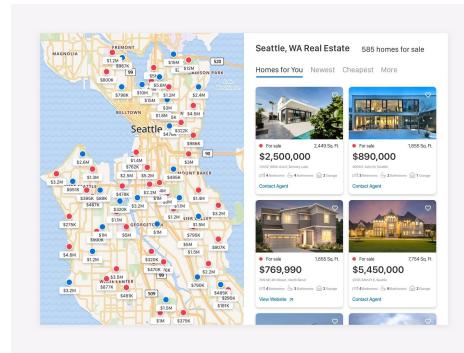
BS Economics (21 units completed)

Minor in Italian

Passions

≡



1 project, other highlights and Q&A



Eve App

Engineering both as opportunities and constraints

Spring, 2016

Context

- 1000+ student organizations on campus
- 47 student clubs in the Engineering school
- 100% of Engineering students use Facebook to discover events, 4+/quarter
- Students are involved with 2+ clubs on campus
- 47/47 clubs use Facebook to post events

An established channel for receiving and posting events

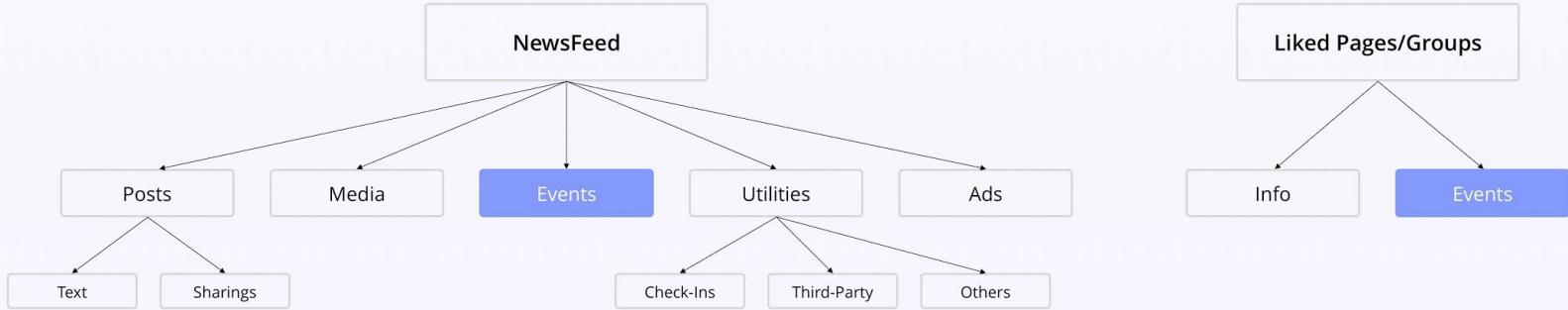
Problems

Facebook Newsfeed is not meant for events

- Noises consist of photos, videos, posts and **irrelevant events**
- Can easily miss events
- A huge App with too many layers and complexities, event feature is low in the feature prioritization

Facebook Pages/Groups

- Interest aggregation is already represented within Facebook Page/Groups
- **Existing Nodes** in user, page, group and events within the API



Facebook NewsFeed
Timeline-Based Contents

Eve
Interest-Based Contents

Goals

- A simplified, and interest-based event discovery and management experience
- Integration with Facebook Graph API for Rsvp status syncing
- Provide holistic event experience for people to explore events outside of the School of Engineering

Drawbacks

- Taking out the social networking aspect of events

A guy with an idea

Pages

Graph API
ios SDK

Groups

JSON

① Career Center
② ESUC.
Web (BOT),

③ Ulm Happ
- Sports
- Arts
- Lectures.

Google
MAP
API
ios SDK.

MAP
Style.

Auto Layout

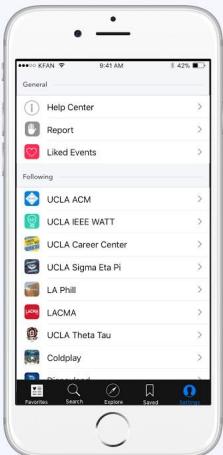
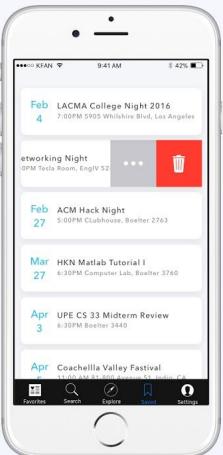
Animations
(slide/fade)

Table View
CollectionView
FlowView

Notification
Settings.

Brainstorming

- Technology stack
- App features



Fall, 2016

~~A guy with an idea~~

Co-Founder & UI/UX Designer

UCLA Hack On The Hill II

Hackathon

Product sprint for design and development

- 48 straight hours of work time
- Constant communication

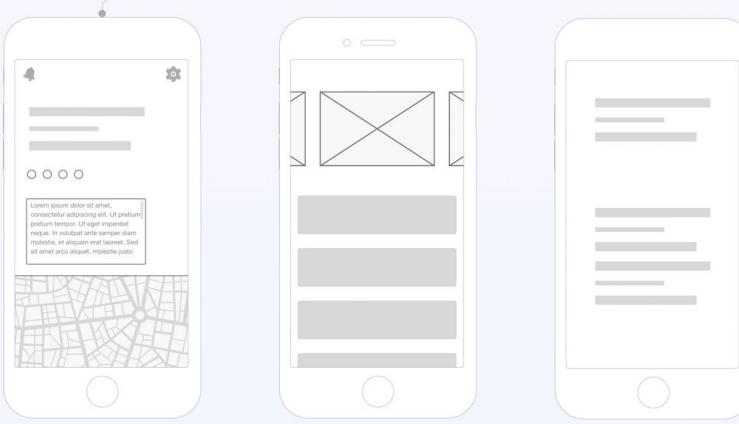
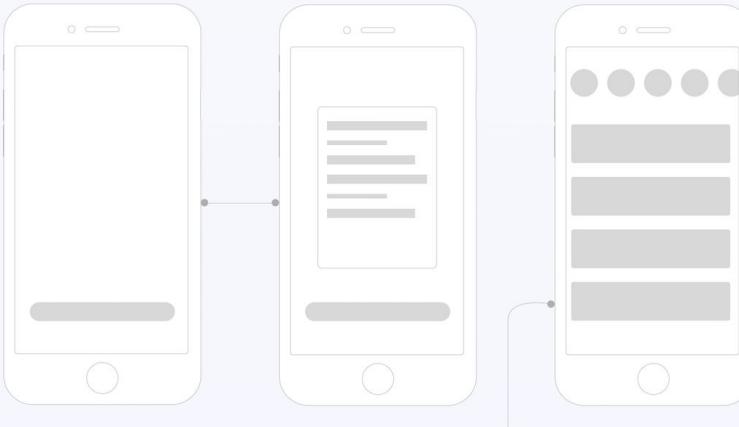
A great way to **validate** ideas and assumptions

- Do people find this page/group-based event discovery experience better?



Eve.

The only app you need for
events





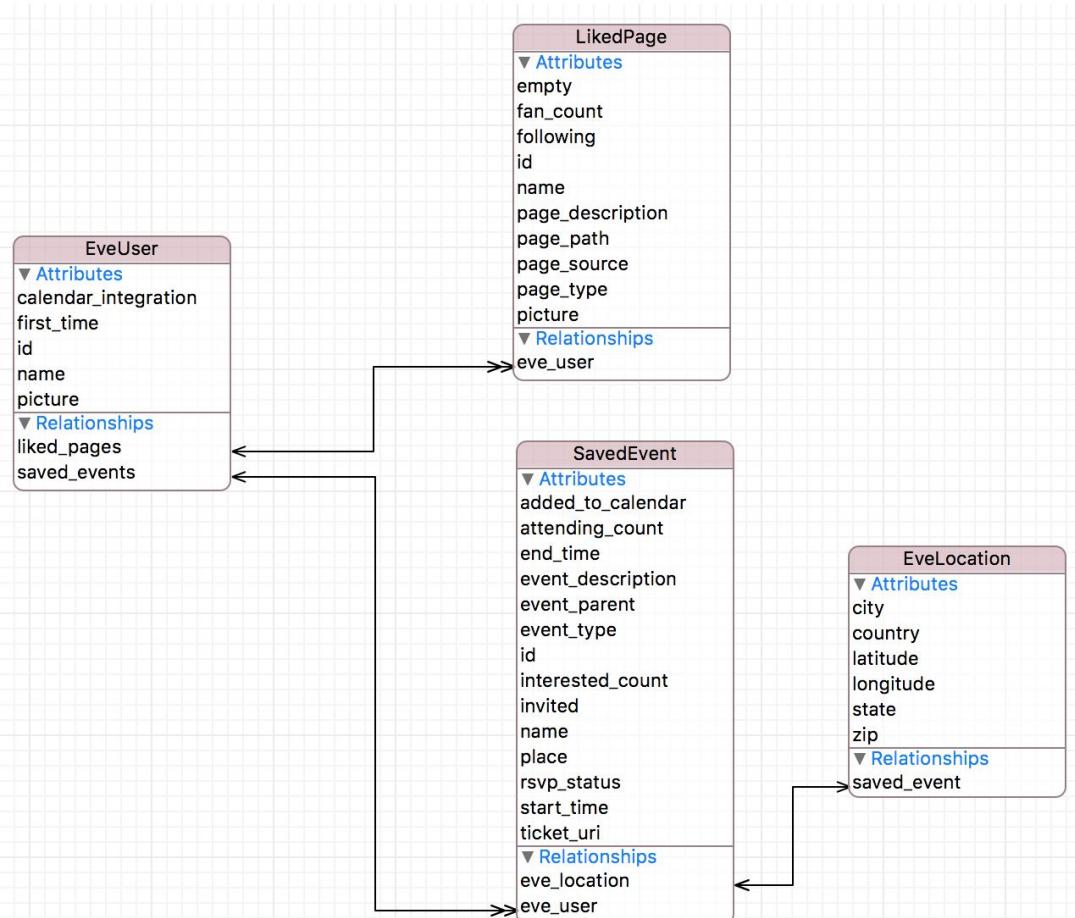
Spring, 2017

~~A guy with an idea~~

~~Co Founder & Visual/UI Designer~~

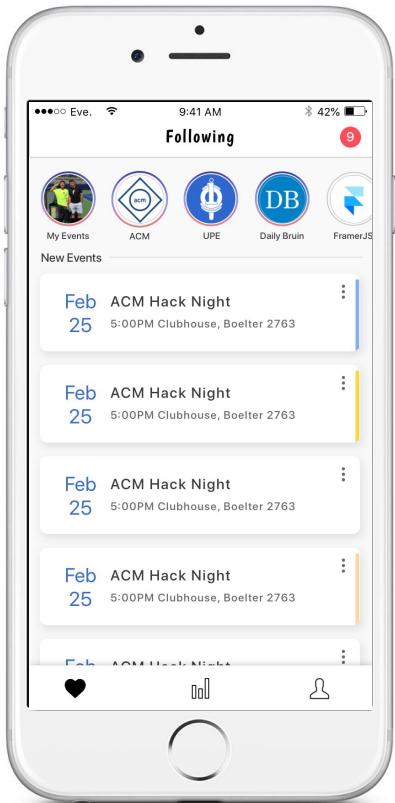
UI/UX Designer, iOS Engineer

User Flow & Data Structure

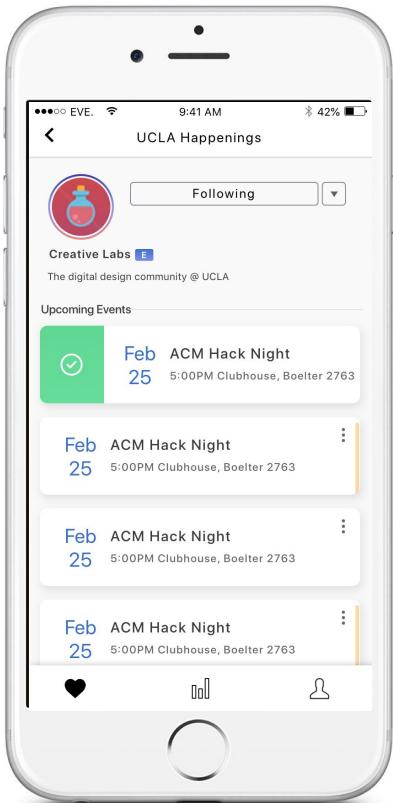


User Flow & Data Structure

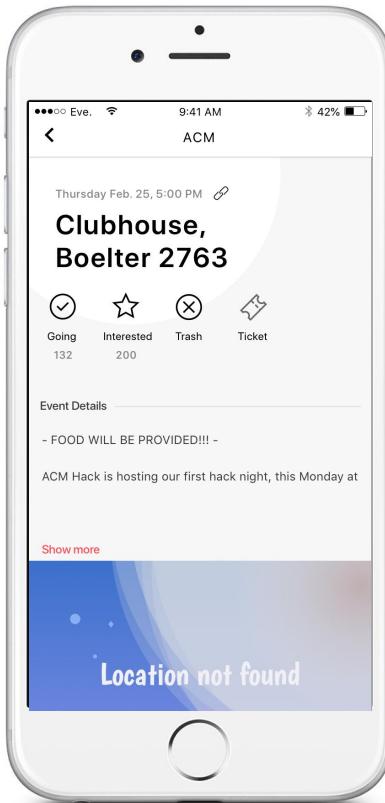
- iOS CoreData
- Hierarchy of User > Page > Event



User



Page/Group



Event

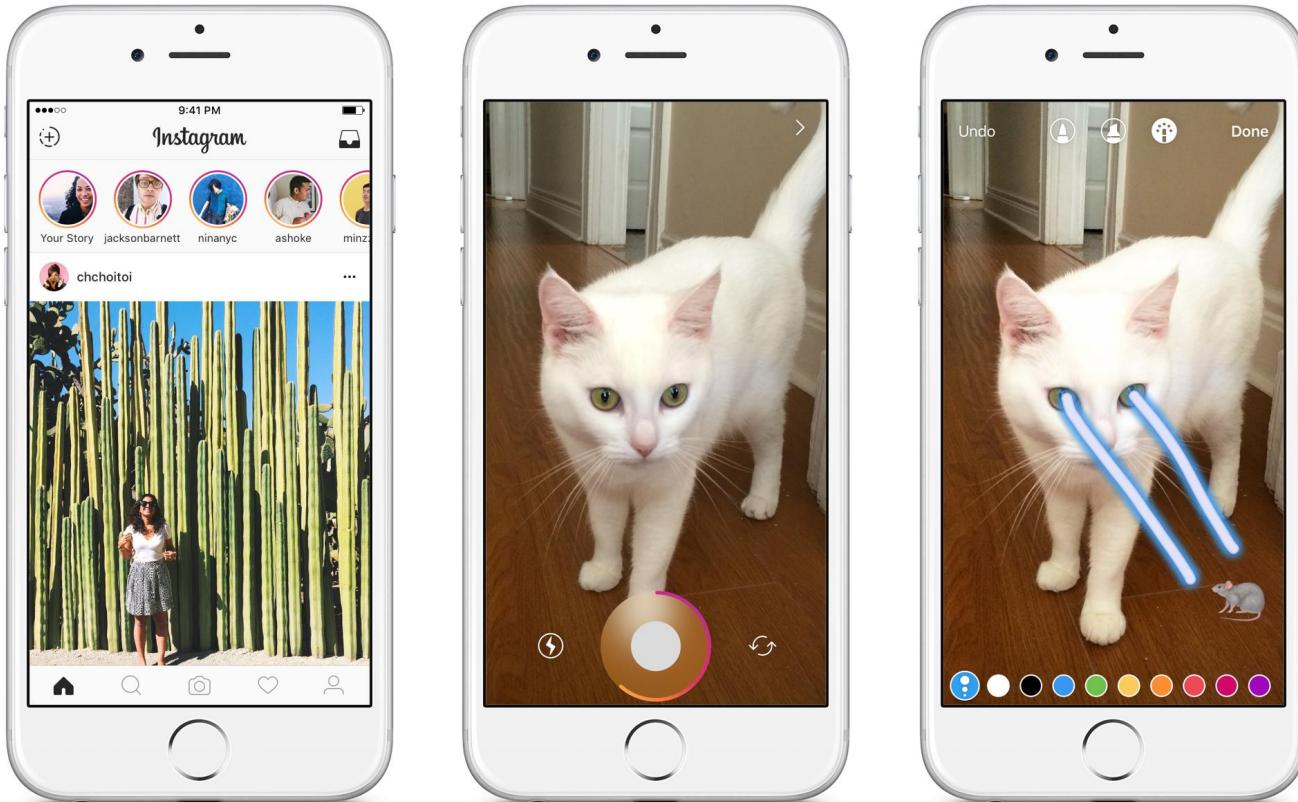


Image: Instagram Press - Introducing Instagram Stories

Eve

User

- Liked Pages/Groups
- Border notifies for new events

Page/Group

- Events

Instagram

User

- Followed accounts
- Border notifies for new Stories

Followed Account

- Images/Videos

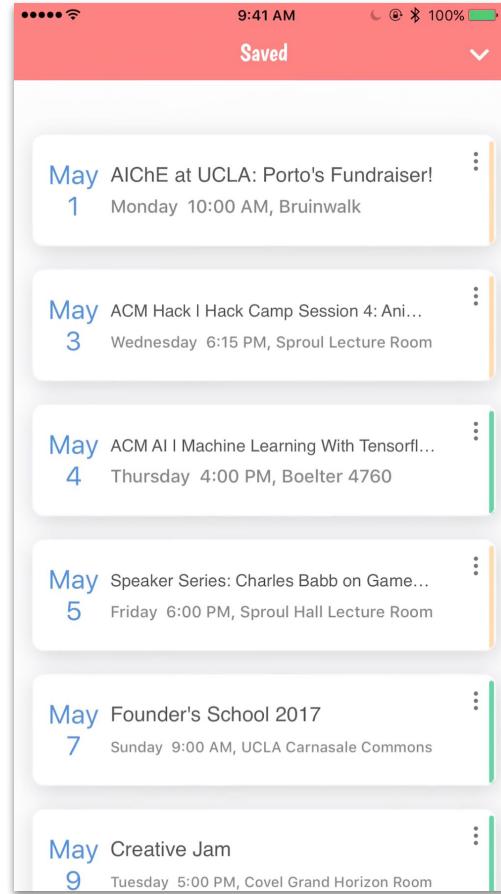
Advance Organizer

Familiar Knowledge

- Similar data hierarchy
- Similar user interface/interaction

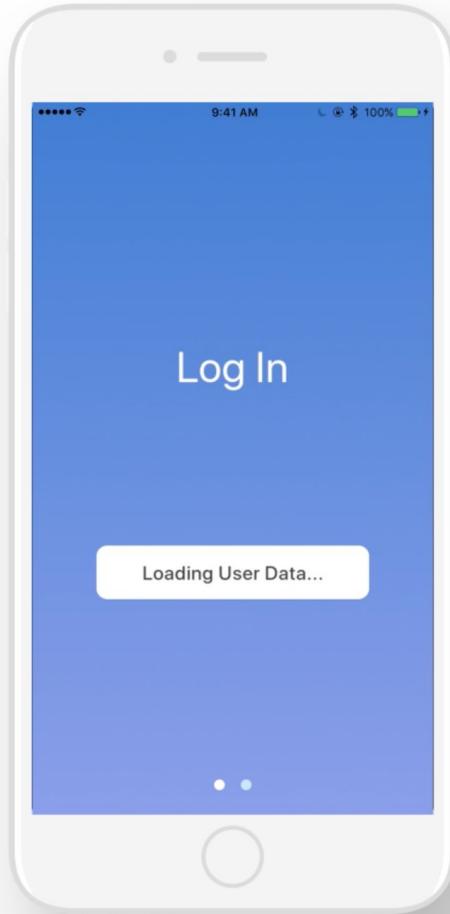
New Knowledge

- Instead of Inbox of DMs, there is inbox of Rsvp'd events
- Events contain different Rsvp status



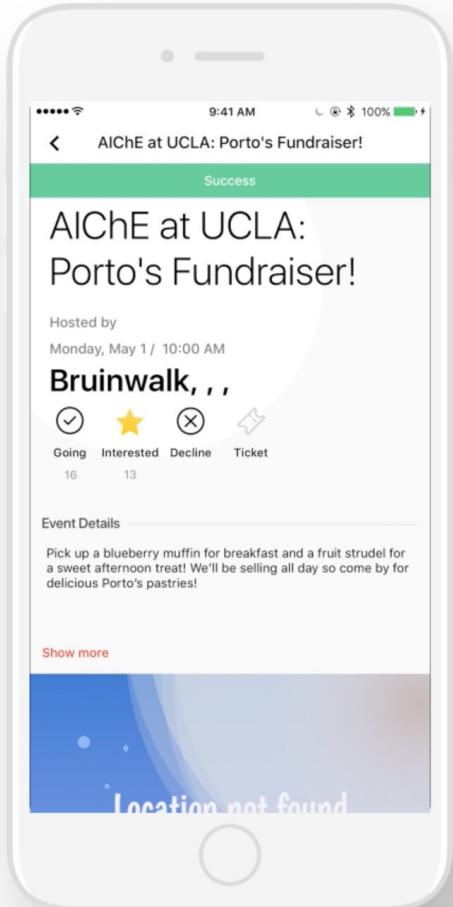
Demo

API Handling



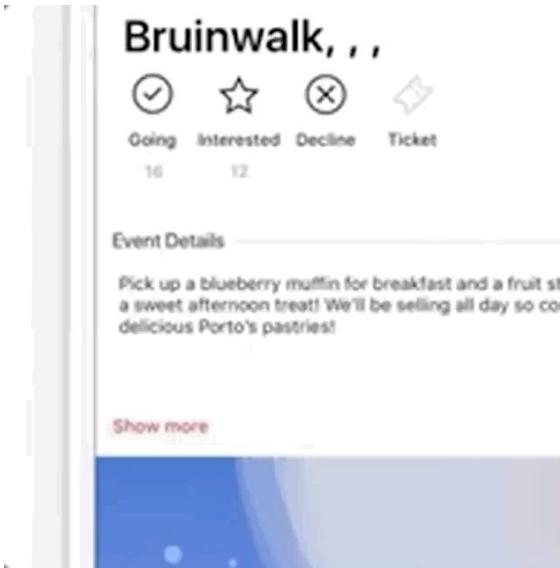
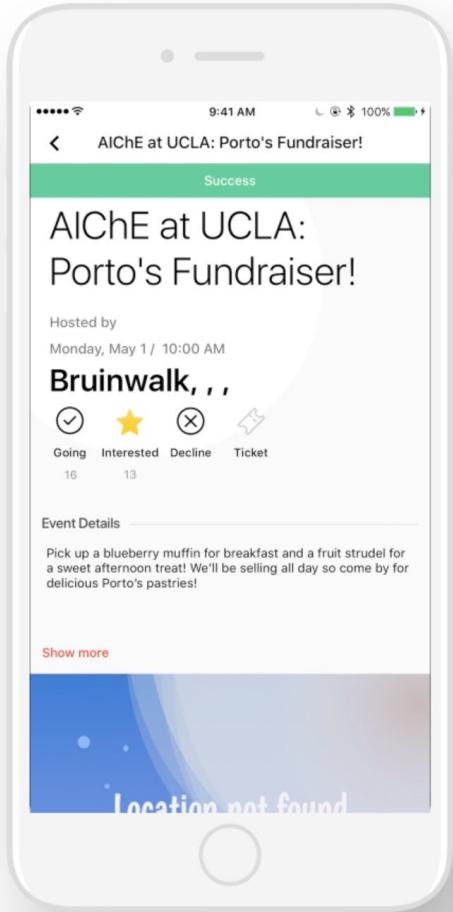
Initial User Query

- 3-5 seconds delay
- Need to notify change of states



Handling API Requests

- Error handling
- Notify action and changes
 1. Button animation for action feedback
 2. Status sheet for state changes



Goals

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- Integration with Facebook Graph API for Rsvp status syncing
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Drawbacks

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April 29, 2017



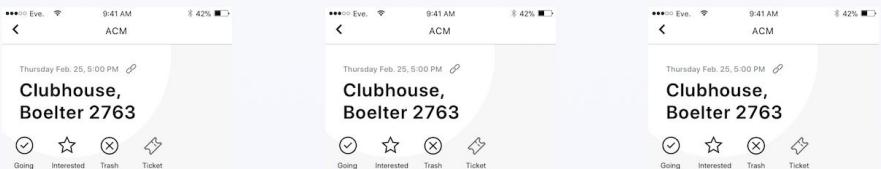
Results

- 135 app units installed
- 5-star app rating
- UCLA Hack On The Hill II first place

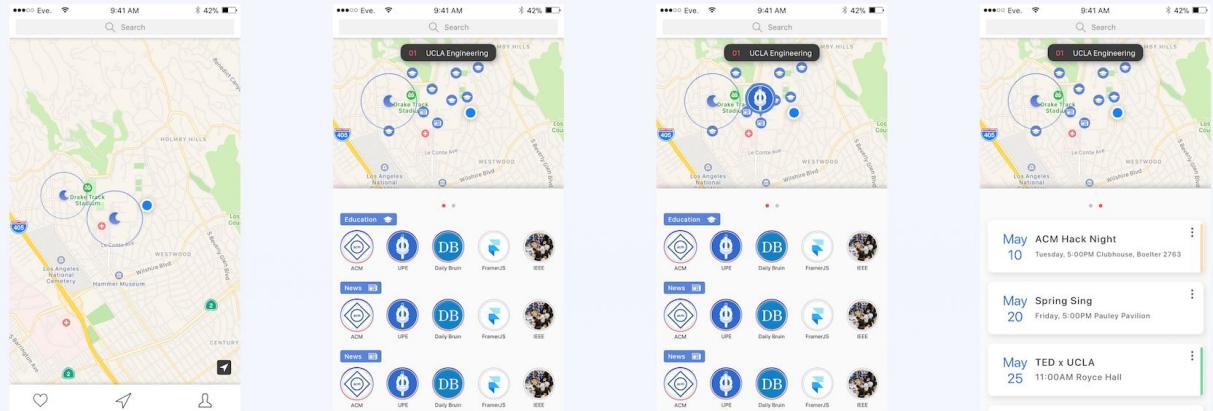
Future Improvements

- Better engineering infrastructure, IGListKit
- Location-based **Explore Page**
- **Transit options** within the App
- Implement backend and move data to server - **push notification**

Event Detail Page with transit integration:
walk, drive, public transit and shared rides



The brand-new location based Explore Page.
Events and Facebook Public Pages are organized
into geological hotspots, with crowdsourced user input



Community

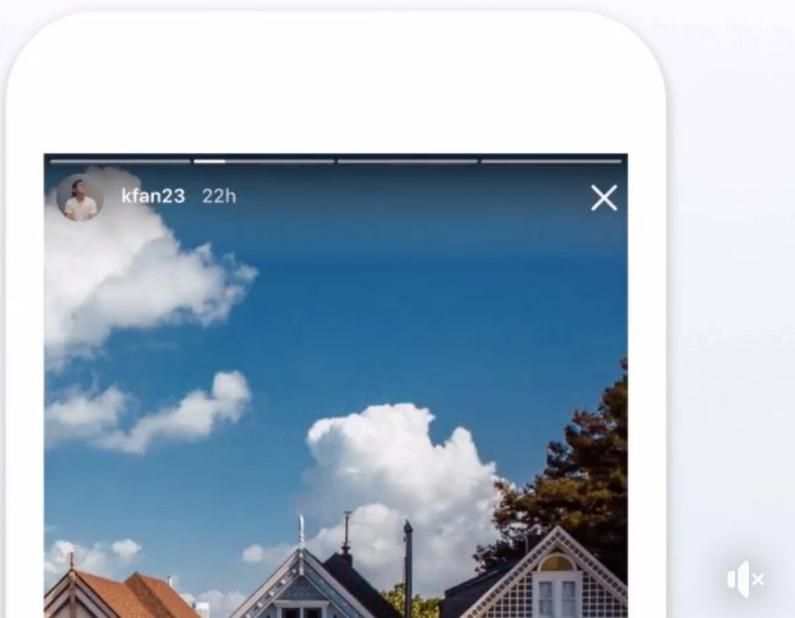


Framer

January 28 at 2:01 AM · 🌎

•••

Have you tried replicating an existing product in Framer X? Designer Zixuan Kevin Fan created this Instagram Stories-style interaction using code overrides — <http://bit.ly/2DwALAg>



Involved with The Community

- Showcasing work on Dribbble and Codepen
- Open source project and tutorials

Reference

1. [A data-driven UICollectionView framework for building fast and flexible lists.](#)
2. [Facebook Graph API](#)
3. [Student clubs and organizations | Samueli - UCLA Engineering](#)
4. [The Stack - Daily Bruin](#)
5. [The Open Graph Protocol](#)

Questions

Portfolio

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