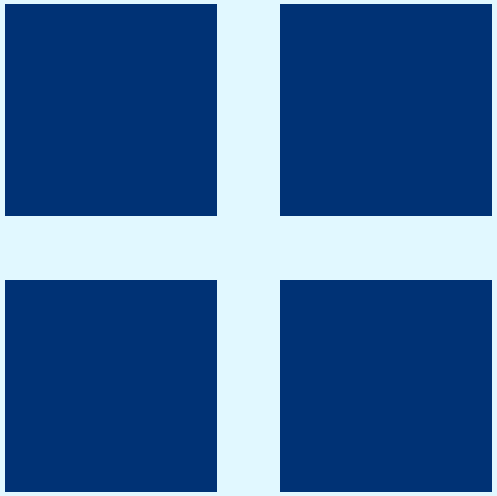
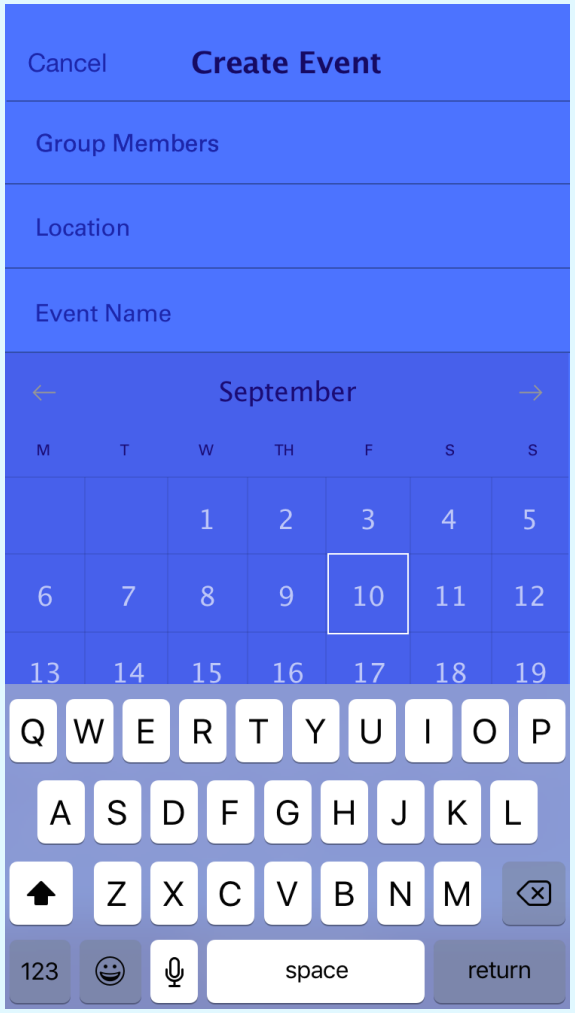
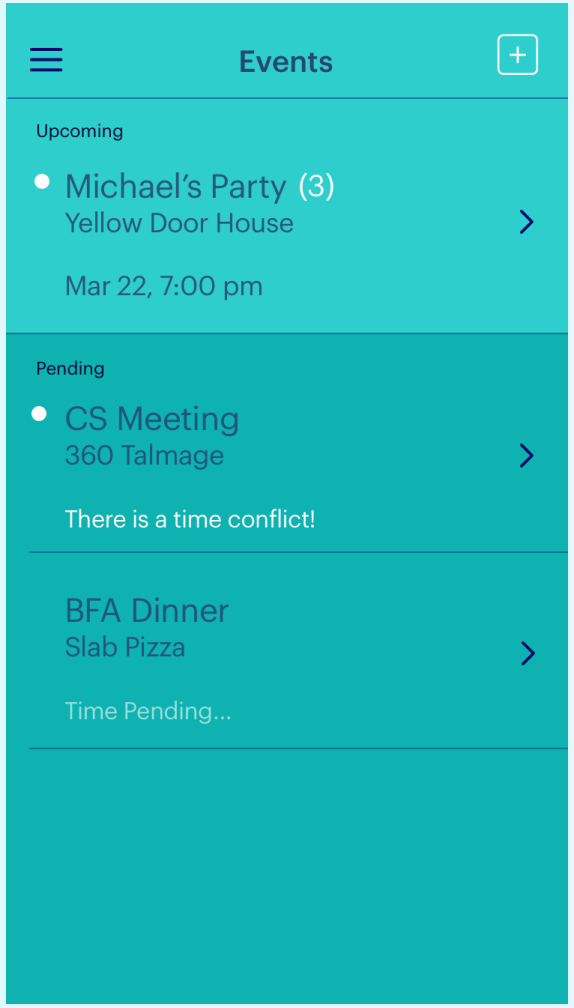


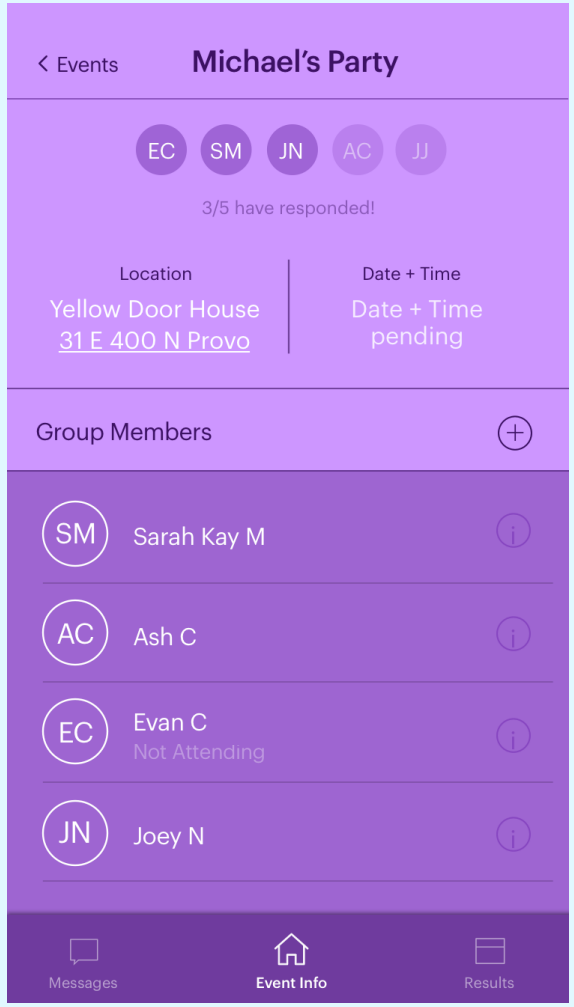
WINDO: GROUP SCHEDULING APP

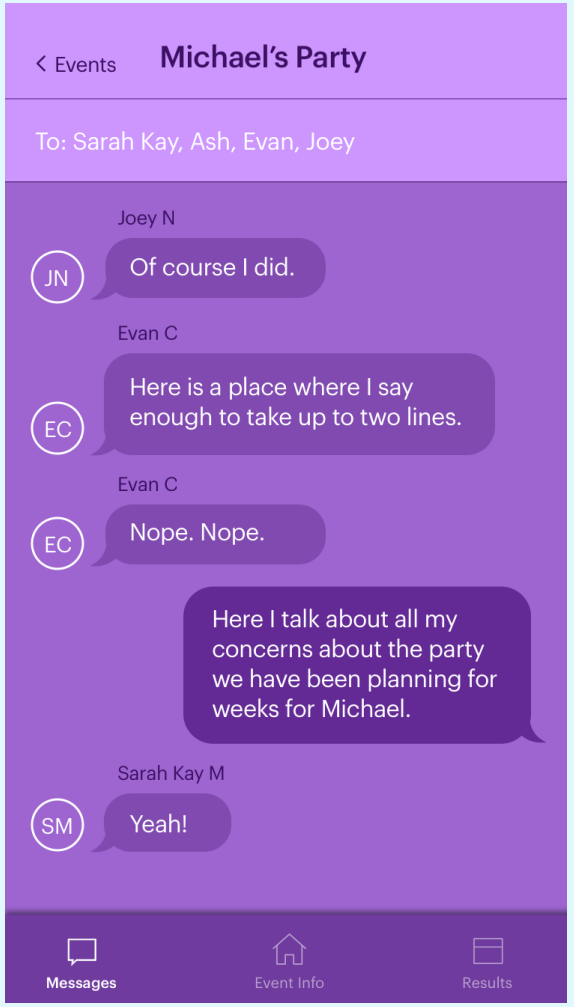
SERVER & API

OVERVIEW

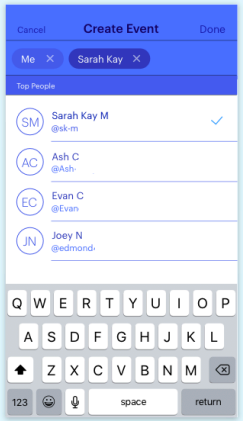

Cancel
Create Event
Group Members
Location
Event Name
September
M T W TH F S S
1 2 3 4 5
6 7 8 9 10 11 12
13 14 15 16 17 18 19
Q W E R T Y U I O P
A S D F G H J K L
Z X C V B N M
123
space
return


Events
Upcoming
Michael's Party (3)
Yellow Door House
Mar 22, 7:00 pm
Pending
CS Meeting
360 Talmage
There is a time conflict!
BFA Dinner
Slab Pizza
Time Pending...

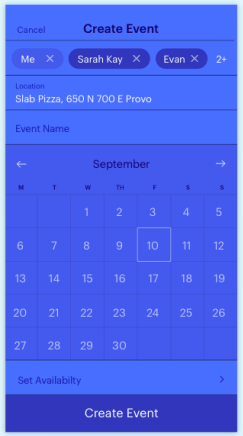

Events
Michael's Party
EC SM JN AC JJ
3/5 have responded!
Location
Yellow Door House
31 E 400 N Provo
Date + Time
Date + Time pending
Group Members
SM Sarah Kay M
AC Ash C
EC Evan C
Not Attending
JN Joey N
Messages
Event Info
Results


Events
Michael's Party
To: Sarah Kay, Ash, Evan, Joey
Joey N
JN
Of course I did.
Evan C
EC
Here is a place where I say enough to take up to two lines.
Evan C
EC
Nope. Nope.
Here I talk about all my concerns about the party we have been planning for weeks for Michael.
Sarah Kay M
SM
Yeah!
Messages
Event Info
Results

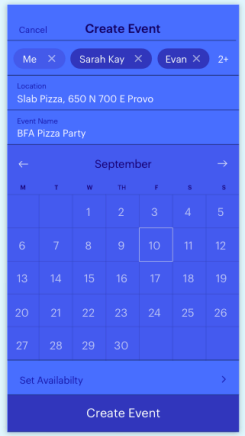
CE 2



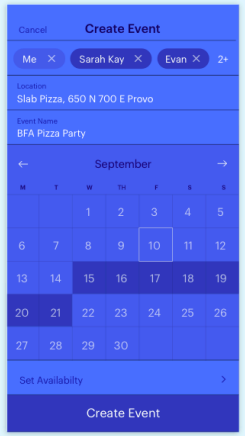
CE 5



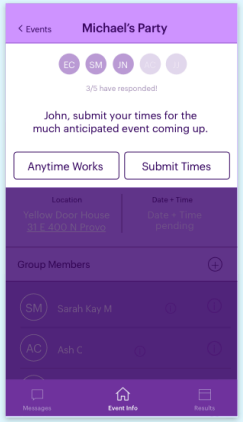
CE 7



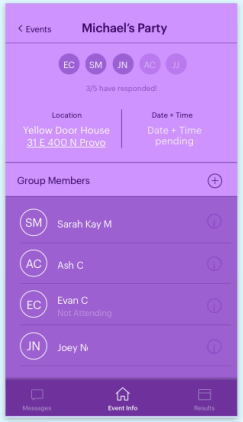
CE 8



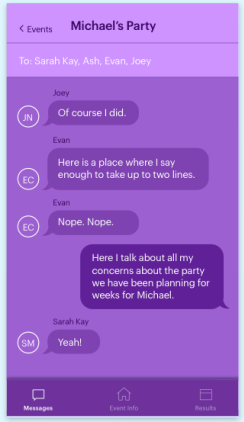
Event Details - notification



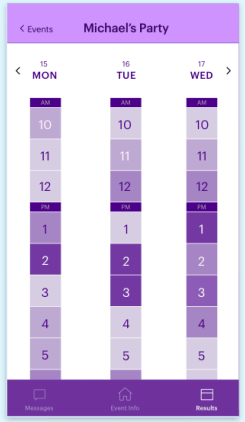
EVENT DETAILS



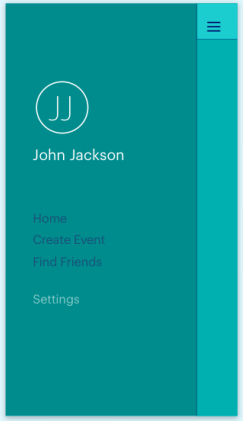
MESSAGING



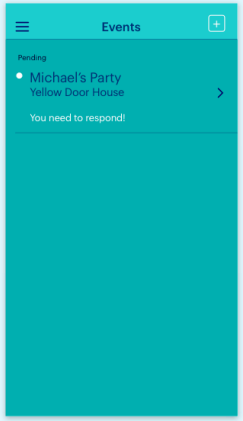
Results



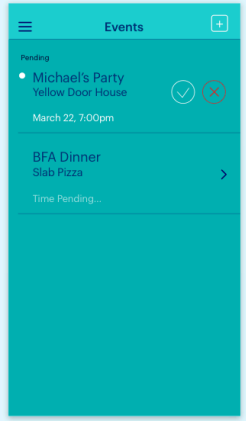
Nav



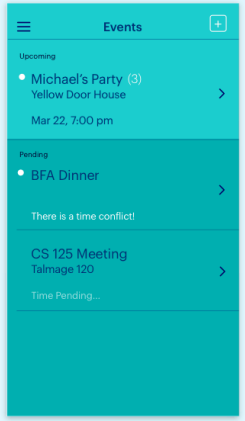
Feed 1



Feed 3



Feed 4



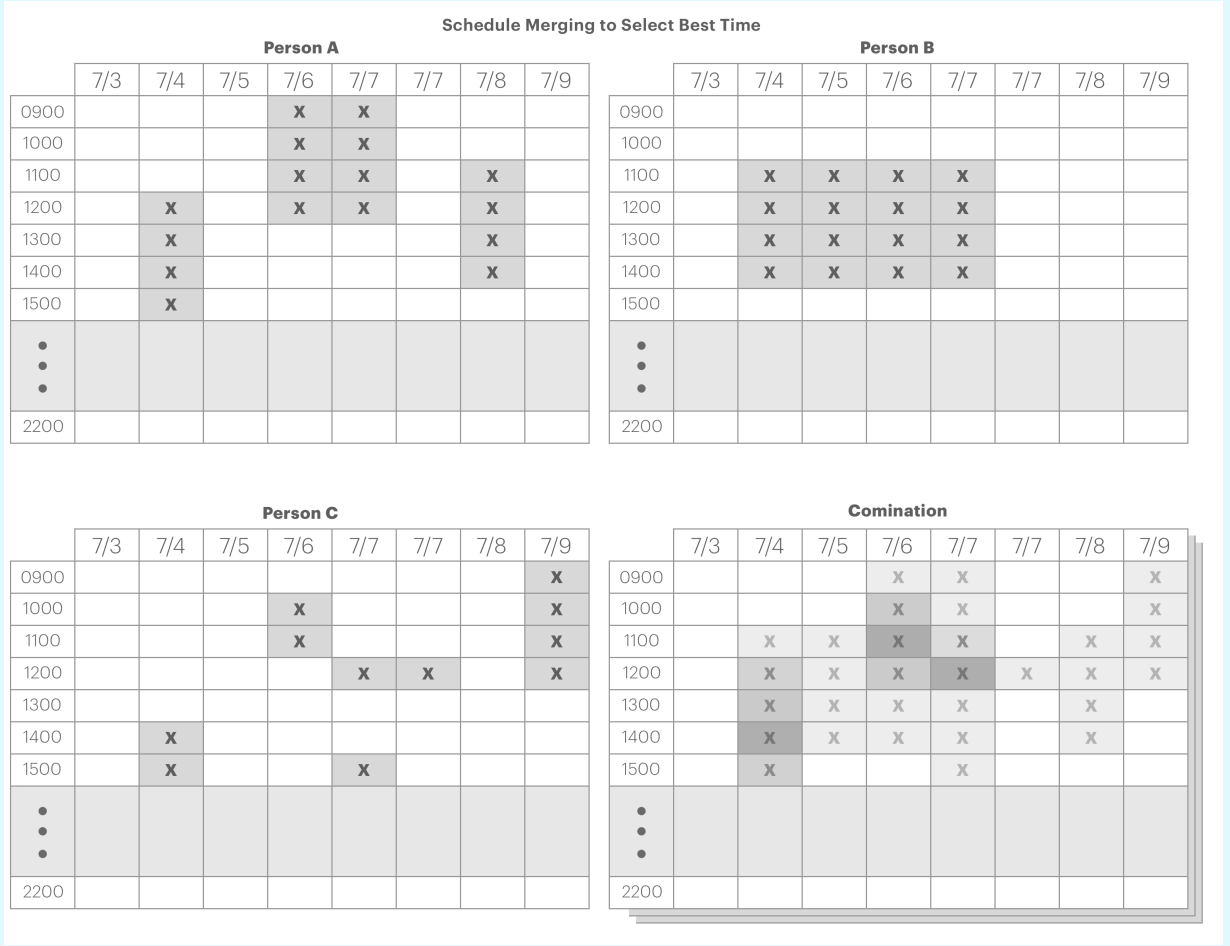
NEW THINGS

- HTTP Protocol
- Node.js
  - Express
  - MongoDB
- Postman
- ES6
- AWS

SERVER & API

```
{
  id           : { type: Number, required: true },
  name         : { type: Number, required: true },
  status       : { type: String, default: 'pending' },
  location     : String,
  time         : { type: Date, default: undefined },
  members      : { type: String, required: true },
  possibleDays : { type: String, required: true },
  timeGrid     : String
}

members: JSON.stringify(["Array of members"])
possibleDays: JSON.stringify([Date, Date, Date])
timeGrid: JSON.stringify([
   {"name01": [1491235623012, 1491235643012, ...]},
   {"name02": [1491235823012, 1491235833012]}
]
```



API DOCS?

GET /events
Returns list of all events

GET/POST /events/:eventID
Get or alter particular event information

POST /events/create-event
Create a new event

GET/POST /events/:eventID/time-submit
Most valuable information goes here. We want to take everyone's time and match what works best. We grab the possible times from here and submit the times that work for us.

SCOPE BEYOND

- Authentication (Passport)
- iOS native app
- Web Interface
- More robust
- Extend API

```
/signup
/login
/app vs /api
/events/:eventID/results
/events/:eventID/messages
```