Opportunity

Complex Reminder System

The Problem

Problem

- Potential activities are often forgotten in the moment

- People want flexibility in the triggers of their alarms
  - Traditionally time triggered
  - Want combinations of triggers

- Existing solutions do not offer complete coverage and flexibility

Our Solution

Introducing Opportunity

An iOS application

- Produces notifications

- Based on simple criteria the user specifies
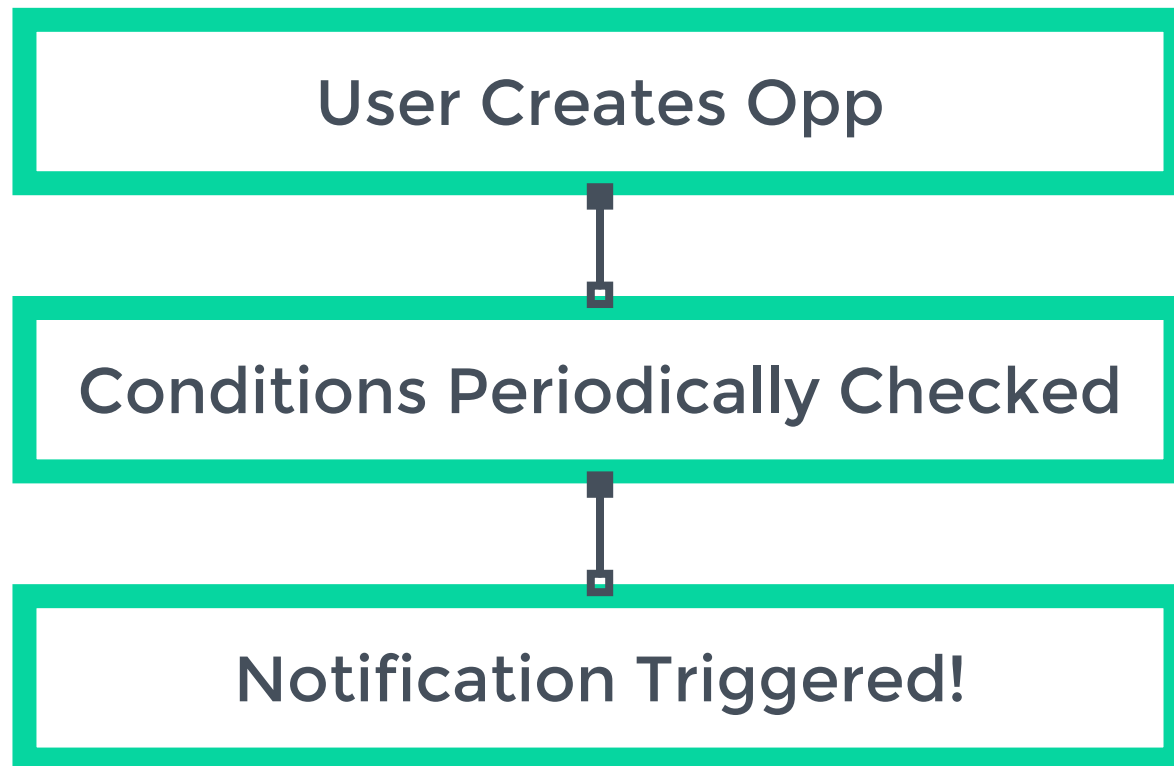
"If opportunity doesn't knock, build a door"

Opportunity can help you remember to take advantage of the little things that often get overlooked or passed by in our daily lives

oh the places we go...

How it Works

User Creates Opp

Conditions Periodically Checked

Notification Triggered!

How it Works

Creating Opps

Users create Opps within the app and specify which conditions need to be filled before a notification is triggered

Triggering Notifications

Opps are periodically checked every so often and when the user's location changes significantly. If all conditions for an Opp pass, a notification is shown.

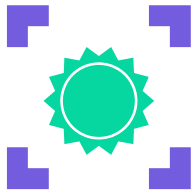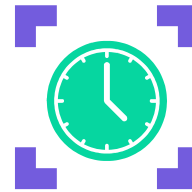Refresh time is carefully chosen to preserve battery life

Features

Location
Set conditions based on geographic locations

Weather
Triggers based on the current temperature or whether it is sunny, cloudy, rainy, etc.

Time
Only be notified during specific times of the day

Availability
The app can check your calendar and only give you notification if you are free for a specific amount of time

Events
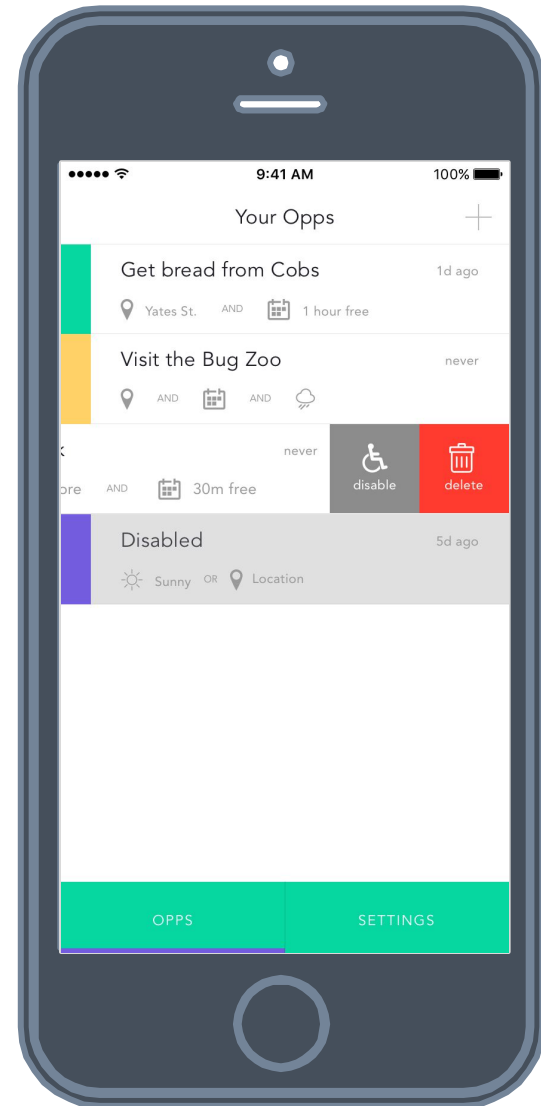Get notified of local events you would normally never hear about

and More!
Ability to easily create more conditions, such as ski resort snow reports or store inventory

iOS App

Main page of the app showing a list of the user's Opps

Minimum System by EOT

- Ability to create Opps using:
  - Weather
  - Calendar availability
  - Time
  - Location

- Future work ideas
  - General Locations
  - Backup and Authentication
  - Nearby events of interest
  - External providers

Demo

The app so far

User Testing

Testflight Beta Testing

- Invite users to try app via email

- Update users automatically of new versions

Observation Testing

- Watch users use the app and gather metrics

- Improve user experience from user feedback and data gathered

Progress

- App UI design and style guide

- Create Opps with time range and weather conditions

- Background app refresh which periodically checks Opp conditions

- System notifications for triggered Opps

What Still Needs to be Done

Authentication
- Though Opportunity can function as a stand-alone app, we wish to provide backup and synchronization

Location
- Need to add ability to save locations as triggers, then poll the user's location

Testflight testing
- Open a beta to actual testers, to iterate our design

Thanks!

Any questions?

Presented to you by

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