



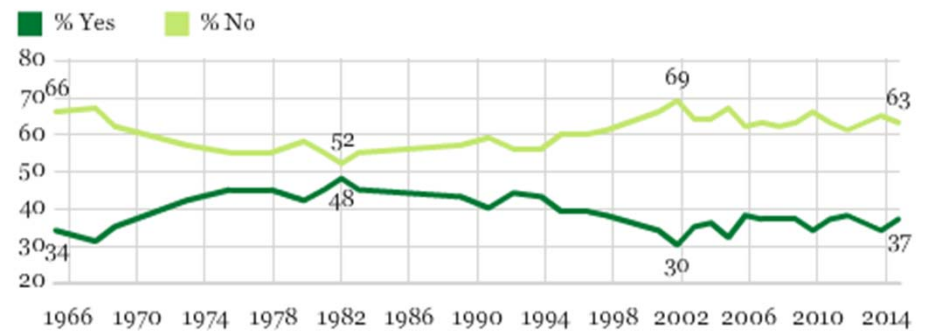
# Overview

# The Problem

- In today's age, **safety matters**
- As of 2014, nearly 37% of Americans do not feel safe walking alone at night
- Friends and family place the responsibility on the individual to let them know if they've arrived safely

## *Americans' Feelings of Safety in Walking Alone at Night in Their Communities*

Is there any area near where you live -- that is, within a mile -- where you would be afraid to walk alone at night?



GALLUP®

# Current Solutions



## Companion

Works with anyone  
Identify sketchy areas  
Works in the background



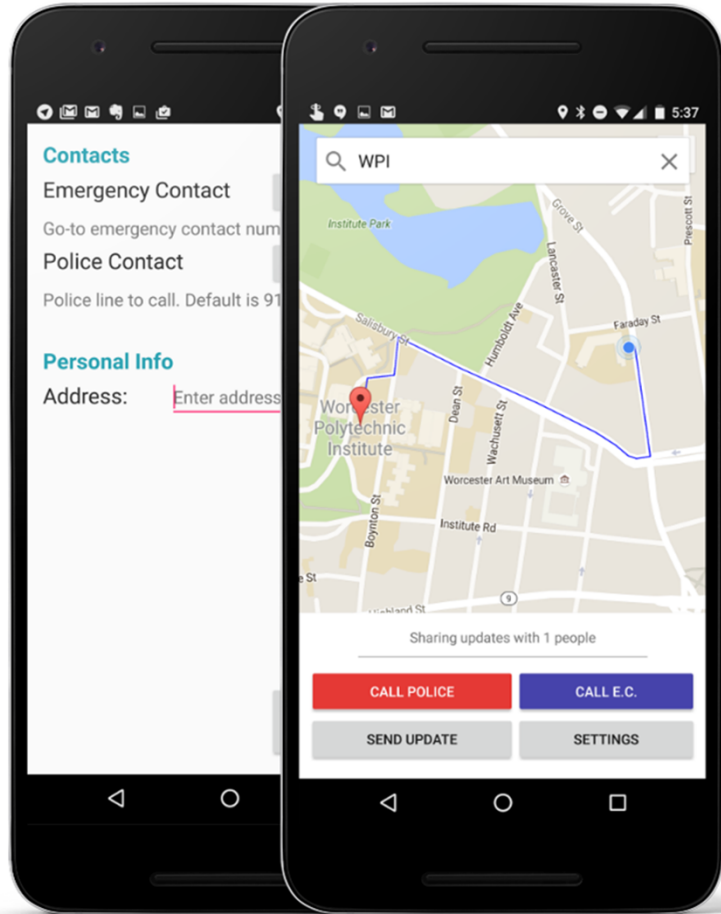
## Walk Me Home

“Guardian Angels”  
Alert button  
Chat and call features  
**Removed from Play Store**



## GetHomeSafe

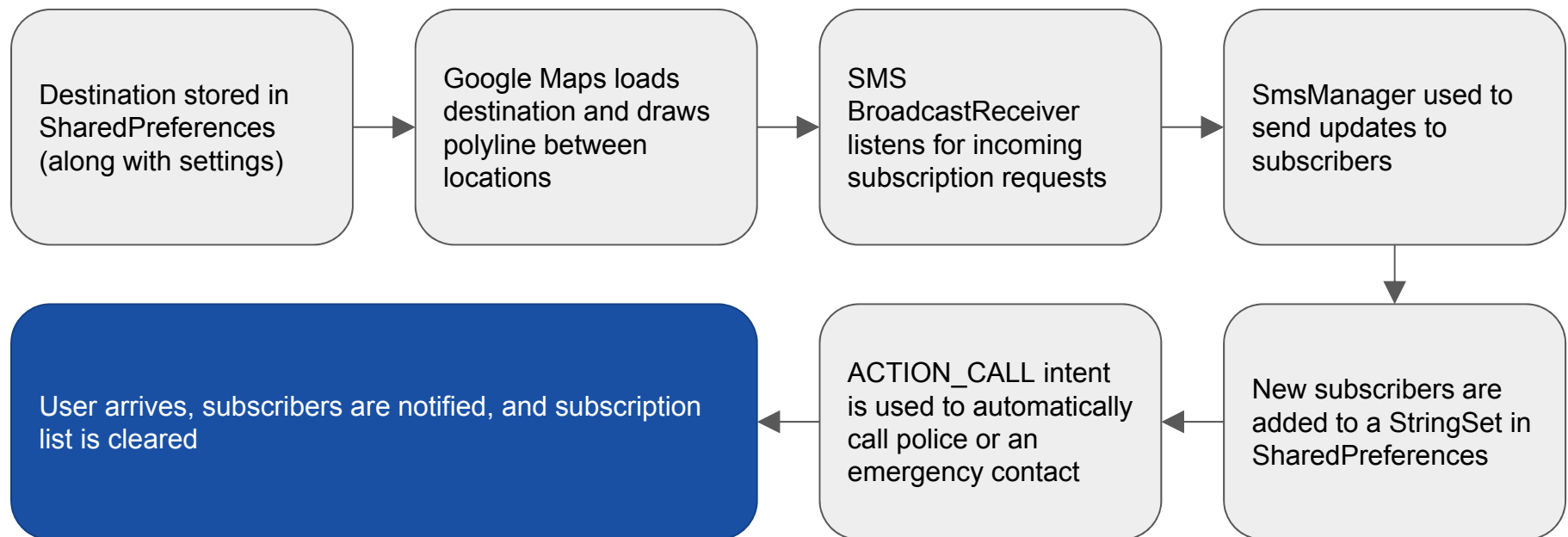
Personal/Corporate use  
Battery life alert



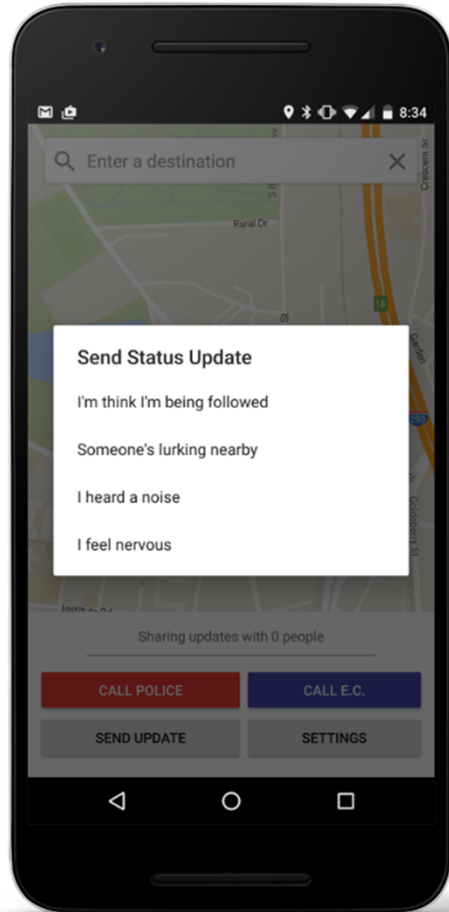
## Our Solution

- Present an SMS-based "subscription" model
- Send SMS status updates to subscribers
- Notify them when you arrive safely

# Current Implementation



# Conclusions



# Limitations

- Recently encountered difficulty in detecting location changes
- Not enough time to conduct thorough user testing
- Preset status updates limited
- Location searches not resolved to "official" addresses





## Future Work

- Integrate with Android Wear to ensure maximum convenience
- Implement fall detection using device accelerator
- Implement location search

# References

- WalkMeHome - <https://play.google.com/store/apps/details?id=se.walkmehome.free&hl=en>
- GetHomeSafe - <https://play.google.com/store/apps/details?id=com.gethomesafe&hl=en>
- Companion - <http://www.companionapp.io>
- Dugan, A. (2014, November 24). In U.S., 37% Do Not Feel Safe Walking at Night Near Home. Retrieved May 02, 2016, from <http://www.gallup.com/poll/179558/not-feel-safe-walking-night-near-home.aspx>