

# SPOT



# THE E-WALKS



## ANUP DEULGAONKAR

Software Development  
Feature Services



*Integration & Parsing*  
*Unity 3D UI Graphics*  
*Unity - Vuforia Integration*  
*Coordinate algorithm*



## JAKE DEVOST

Professional Services  
Solutions - GeoDesign



*UI/UX ideation*  
*Demo screenshots*  
*Logos & icons*  
*Graphic Communication*  
*Presentation*



## KEYUR KULKARNI

Database Services  
GeoData Engineering



*REST Services*  
*Research*  
*Feature service implementation*  
*Geocoding datapoints*  
*Presentation*



## YANKUAN ZHANG

Professional Services  
Web Development



*Logos & icons*  
*Unity 3D UI Graphics*  
*Unity - Vuforia Integration*  
*Coordinate algorithm*

# THE CONCEPT

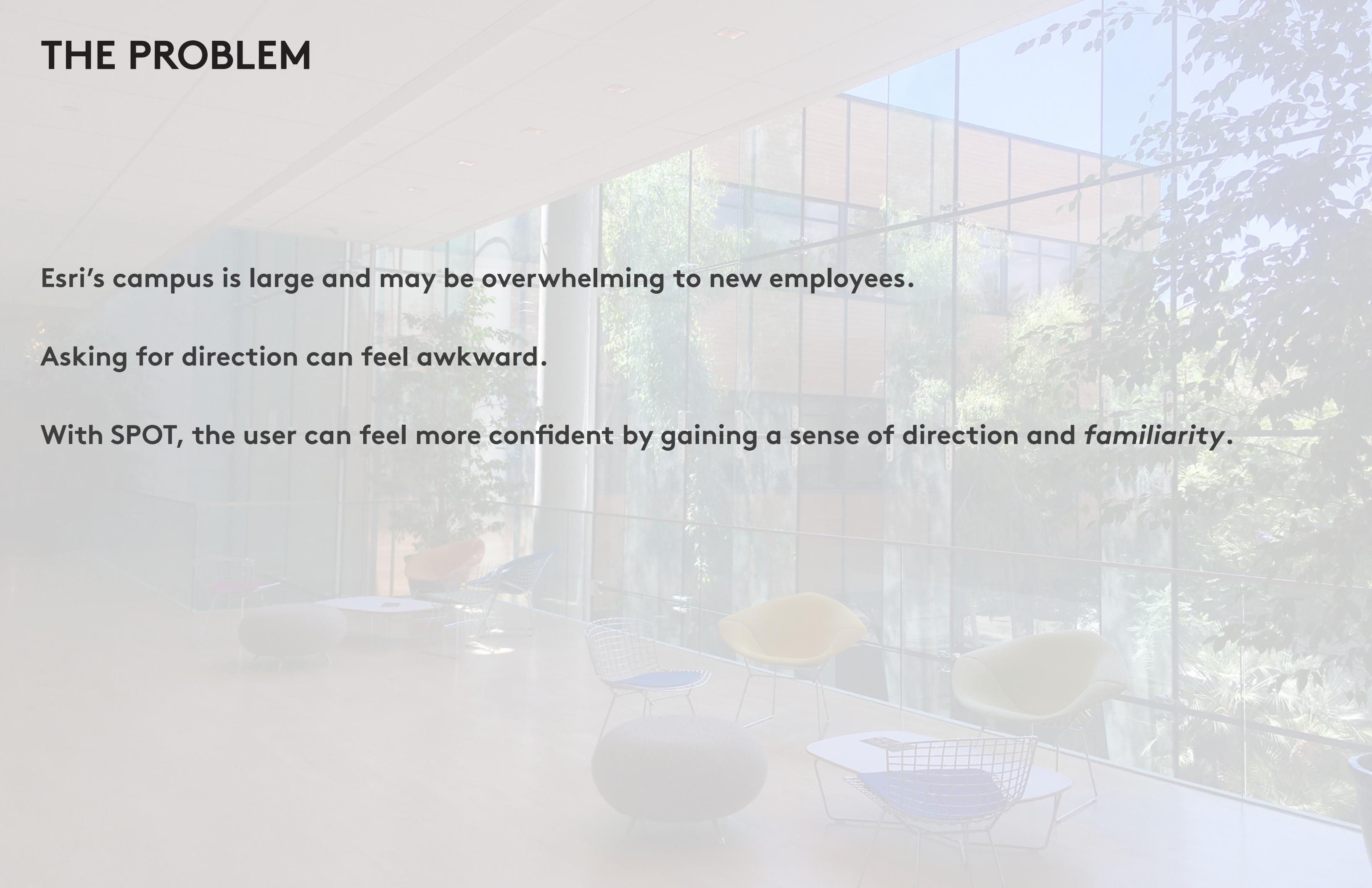
**How did you feel on your first day?**

# THE PROBLEM

**Esri's campus is large and may be overwhelming to new employees.**

**Asking for direction can feel awkward.**

**With SPOT, the user can feel more confident by gaining a sense of direction and *familiarity*.**

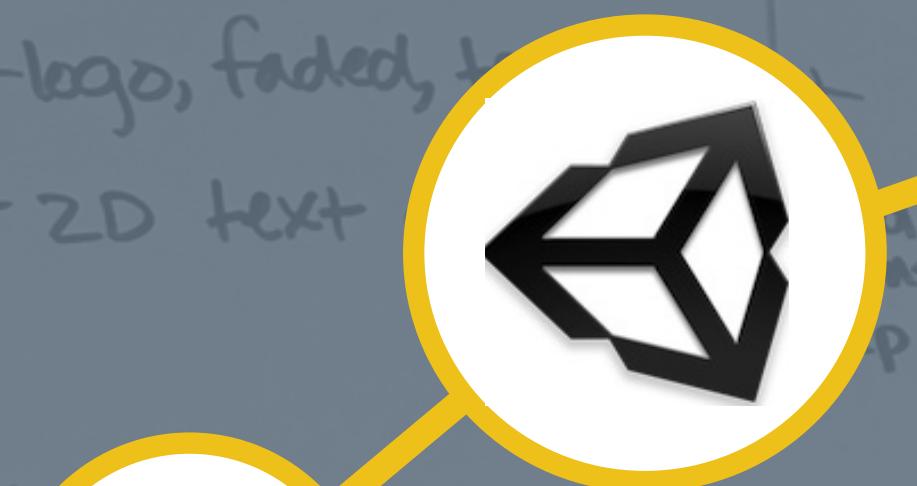


# THE CONCEPT



SPOT is a site-specific, **outdoor exploration and wayfinding app** that uses augmented reality visualization for the Esri Headquarters.

# THE PROCESS



# THE CHALLENGES

No prior experience working with augmented reality.

Limited prior experience working with software packages like Vuforia and Unity 3D.

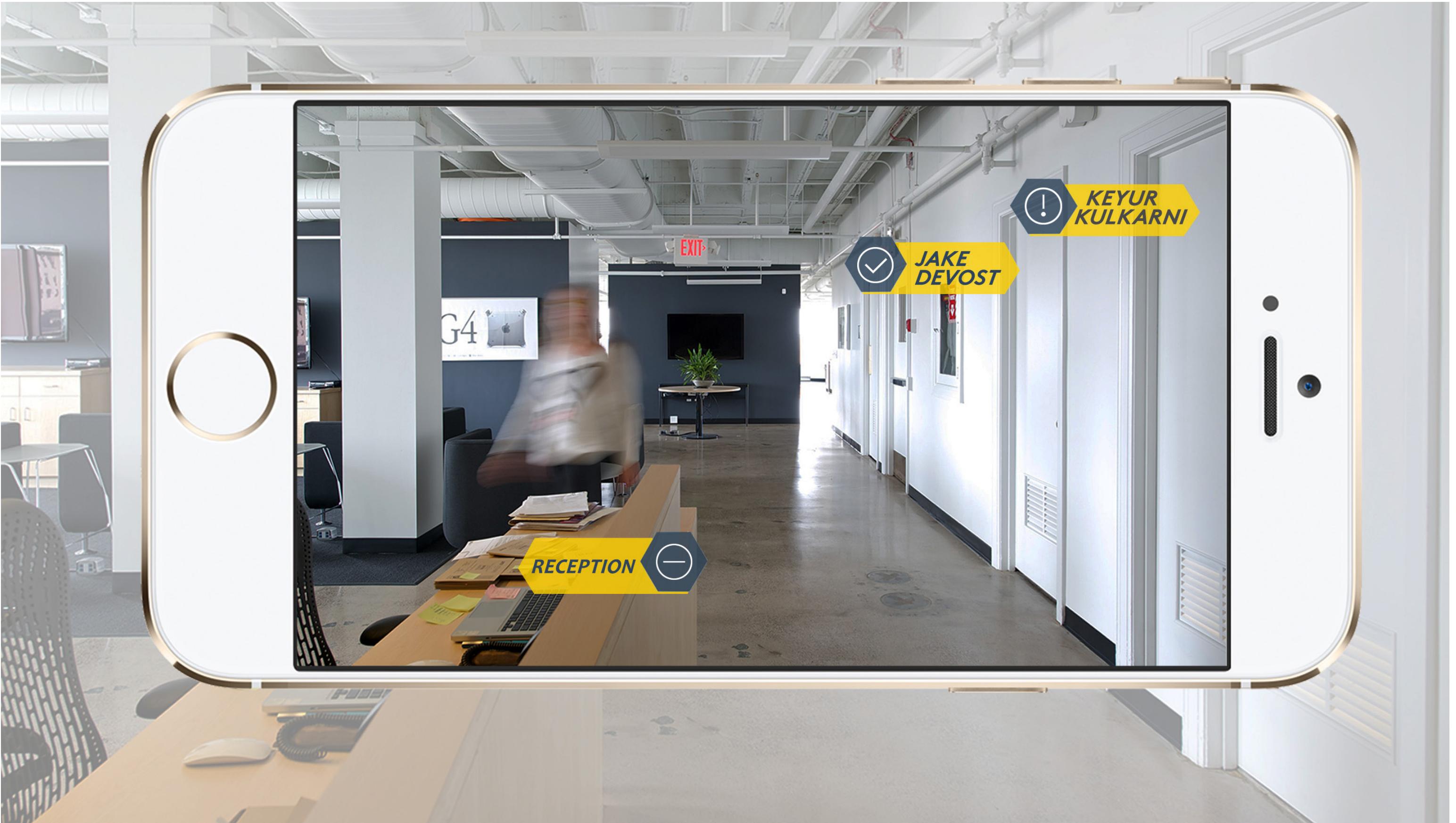
GPS-to-Screen coordinate conversion.

Time. Coffee.

# ***DEMO***



# SPOT FOR THE WORKPLACE



# SPOT FOR MEDICAL INSTITUTIONS



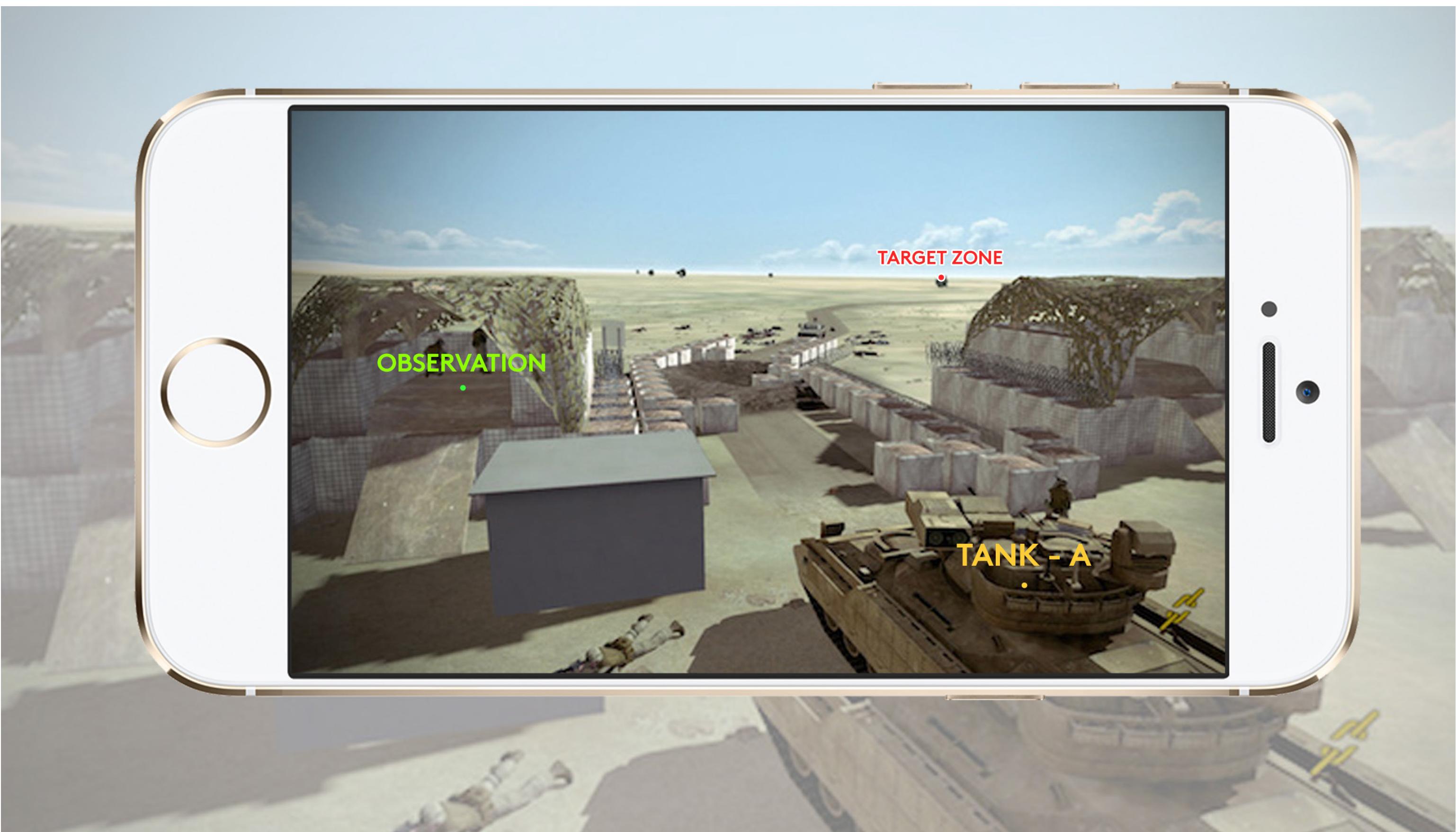
# SPOT FOR UNIVERSITY CAMPUSES



# SPOT FOR ENTERTAINMENT & TOURISM



# SPOT FOR THE MILITARY



# SPOT FOR DISASTER RELIEF



# SPOT AND THE FUTURE



Hands-free interaction with voice control search tool and filtering.  
Creating an interactable map for navigation.  
Geocode all office spaces, rooms, and destinations on campus.

# SPOT AND THE FUTURE



SPOT is a simple, human-based **wayfinding solution tool** for users of all ages across a multitude of user platforms, and embraces the **future of consumer technology**.

**THANK  
YOU**

