



Know Before You Go

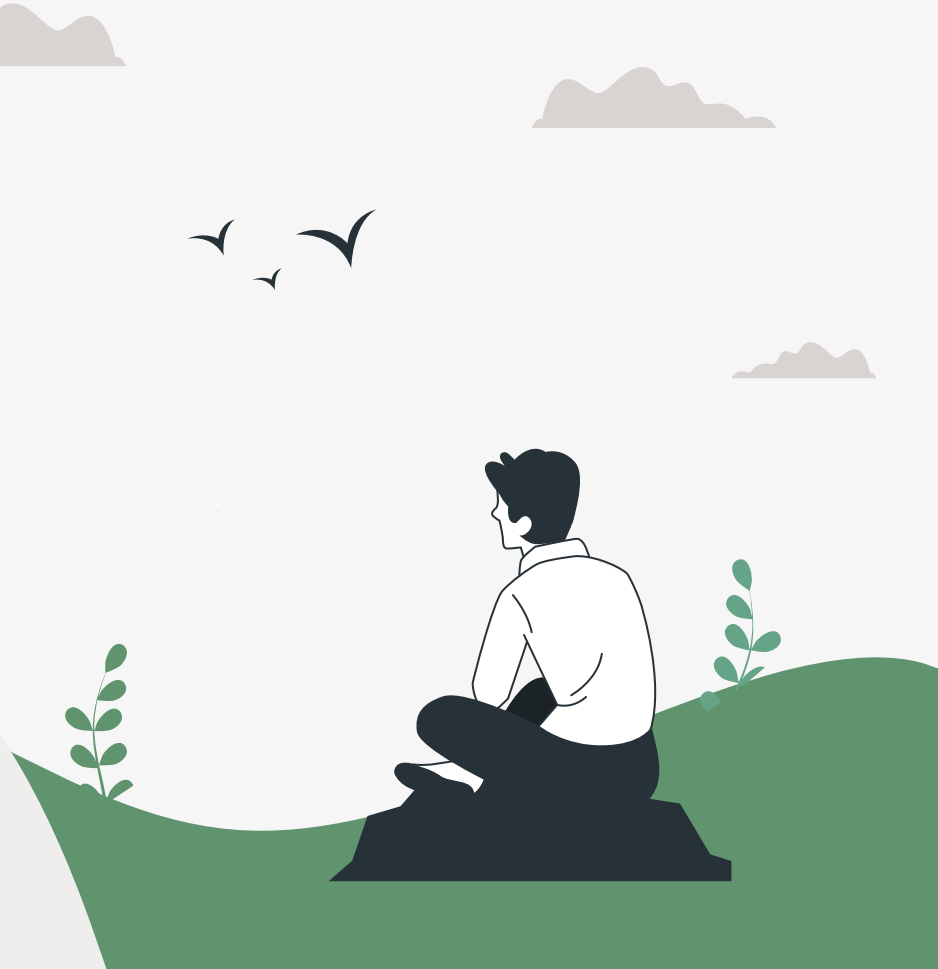
# How Might We

help people predetermine COVID-19 risk when visiting Griffith Park to minimize uncertainty and make informed decisions about their visit.



# INSIGHT

People need outdoor spaces like Griffith Park for fitness and mental health but **don't know until they arrive how safe they will feel.**



# JOURNEY MAP



## Acquire



Monica downloads the free app to see if it could help her decide when is a safe time to go to Griffith Park

1

## Explore

She explores locations and checks out the crowd simulation tool

2



## Pin & Share

She picks a location that is not crowded, pins it to be notified of changes and shares the status with friend she plans to meet there



3

## Set & Forget

Feeling less stressed about planning when to go, she finishes some work and knows the app will let her know if anything changes



4

## Notify



30 minutes later she receives an alert that her location has become crowded

5

## Visit



Monica chooses another location to pin as a back up and when she decides to leave, goes to the least crowded location.

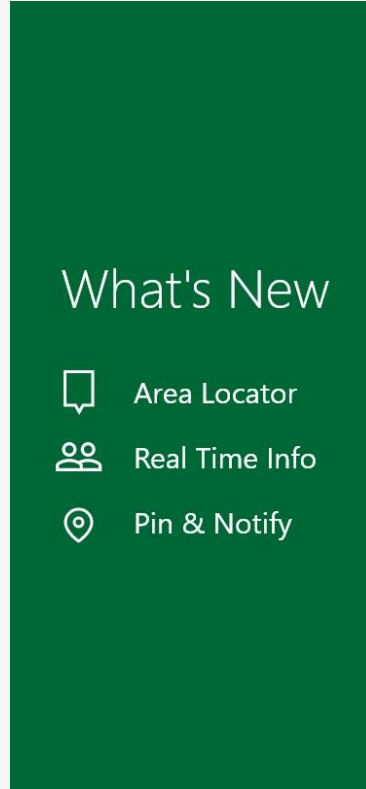
6



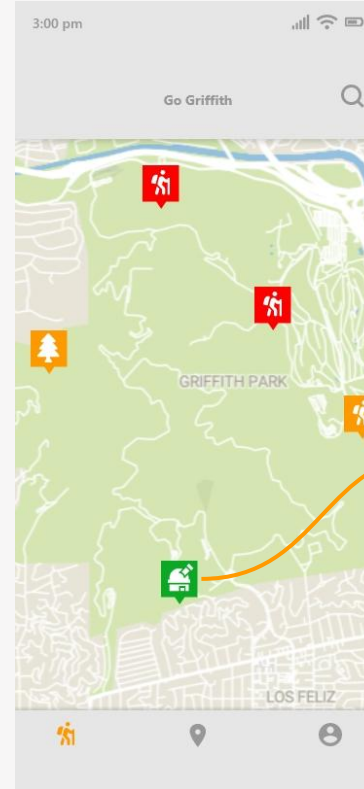
# WIRE FLOW



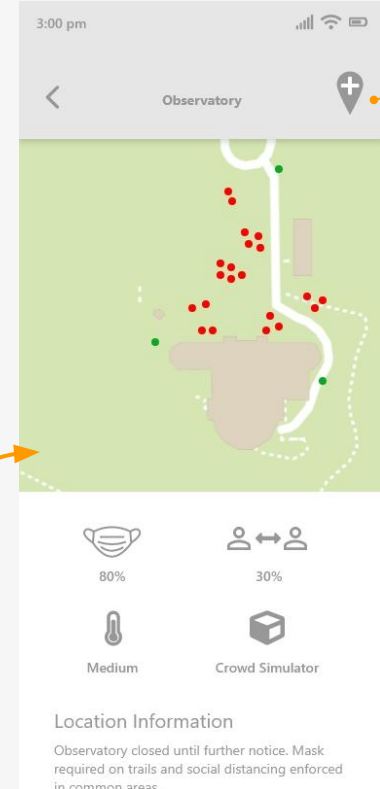
Launch



Features

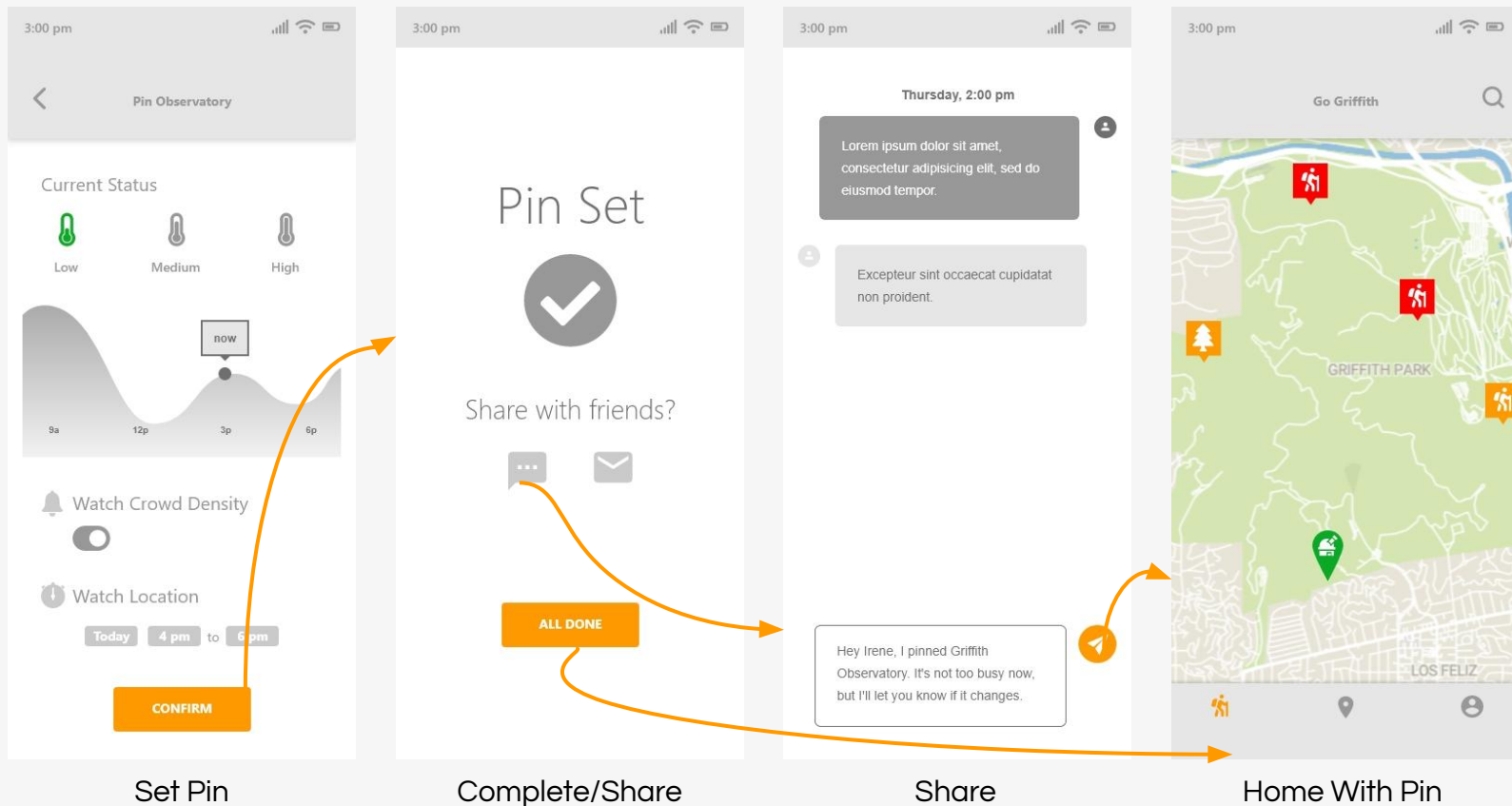


Overview Map

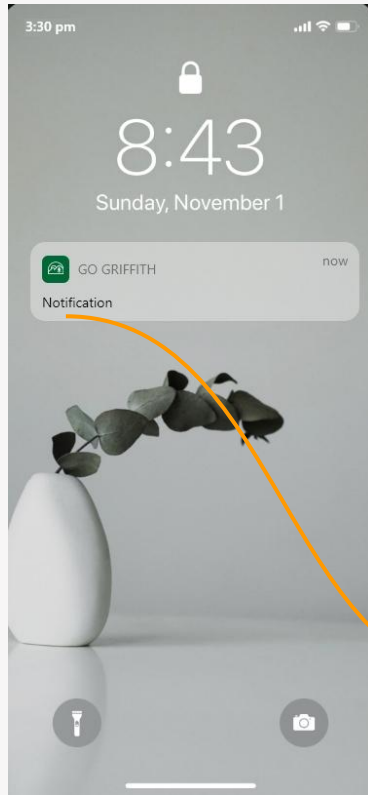


Location Info

# WIRE FLOW



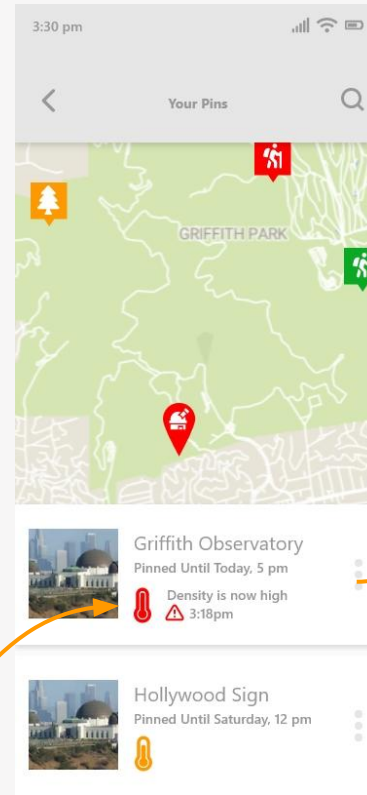
# WIRE FLOW



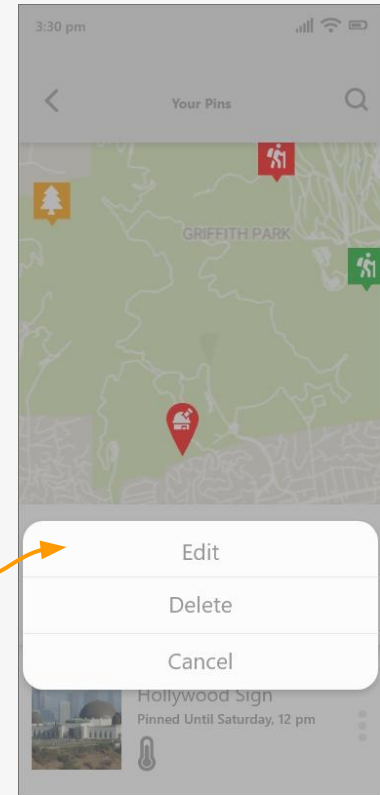
Notification



In App Alert



Pin Update



Pin Options

# How do you see data?

Evaluating crowd density visualizations

Please see the chat for the link to the survey





# SECURITY CAMERA FOOTAGE



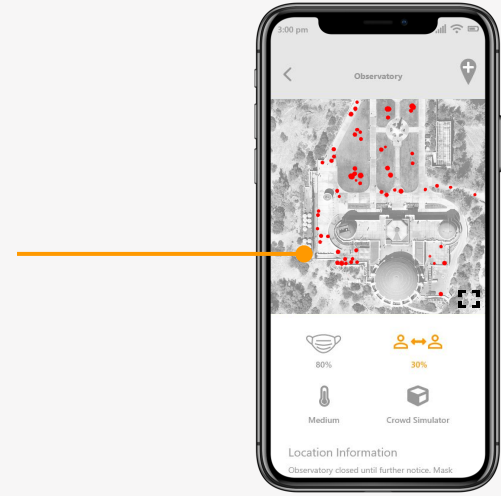
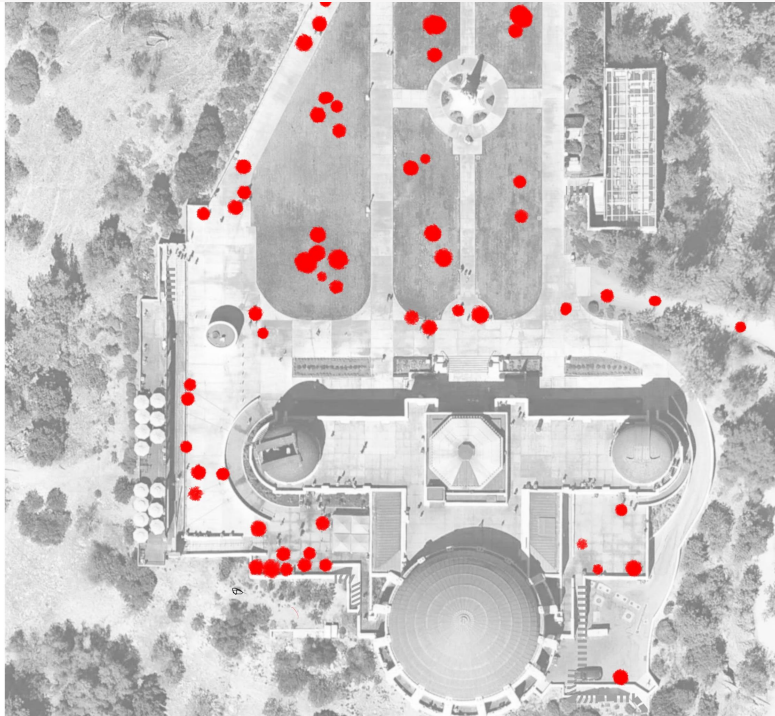
Location Info

# DENSITY HEAT MAP



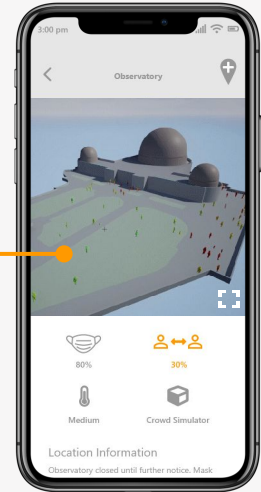
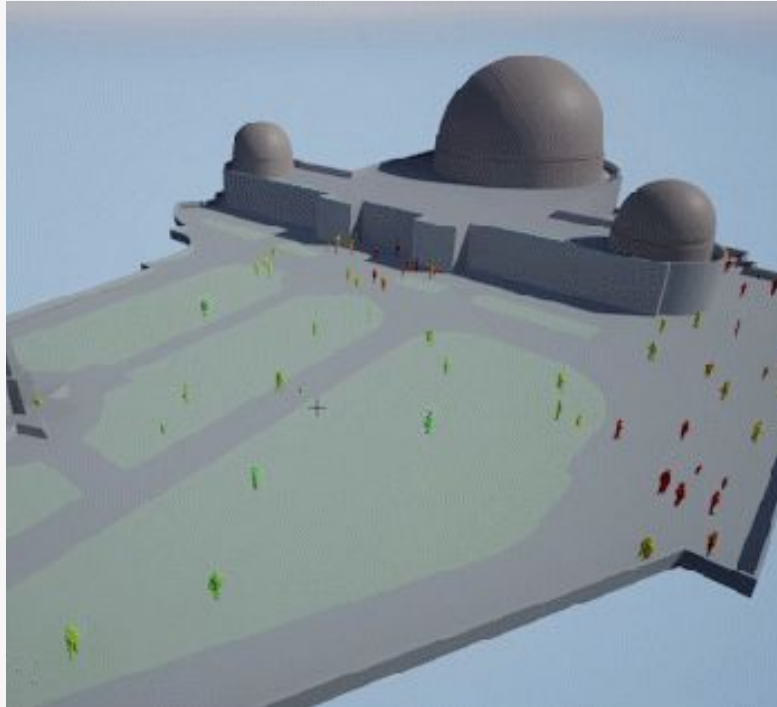
Location Info

# POINT DENSITY



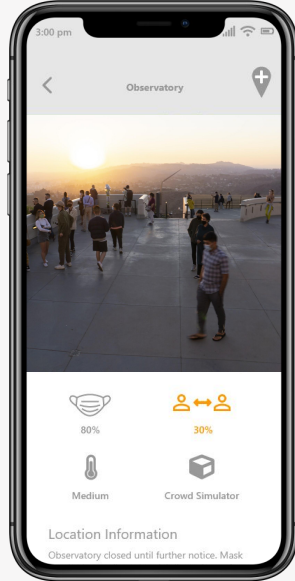
Location Info

# INTERACTIVE 3D MODEL



Location Info

# LOCATION INFO



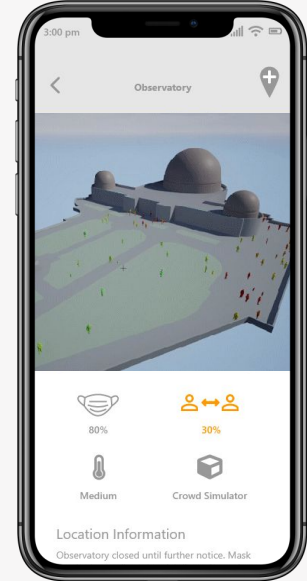
Security Cam Footage



Density Heat Map



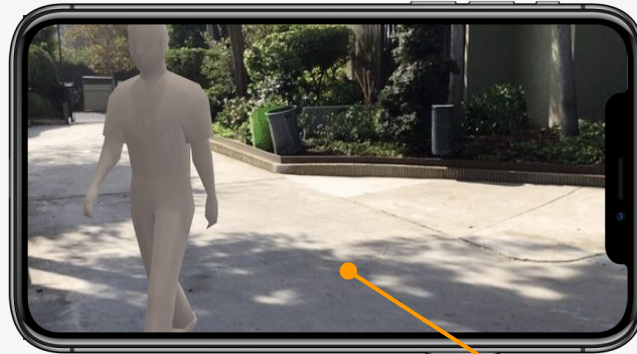
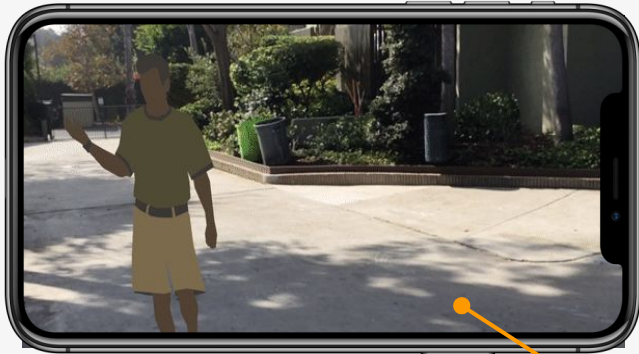
Points Data



Interactive 3D Model

# AR SIMULATION

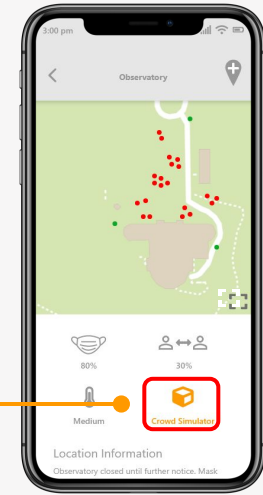
Interactive



Location Info

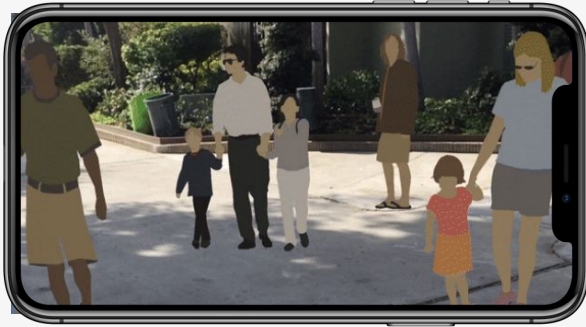


# 3D & VR SIMULATION Interactive



Location Info

# CROWD SIMULATION Interactive



Interactive AR Simulation 2D



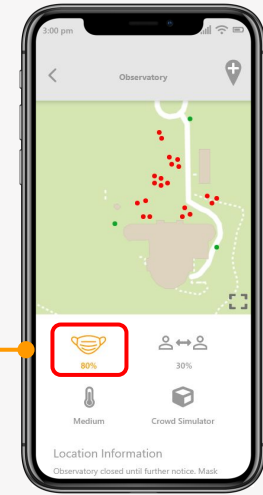
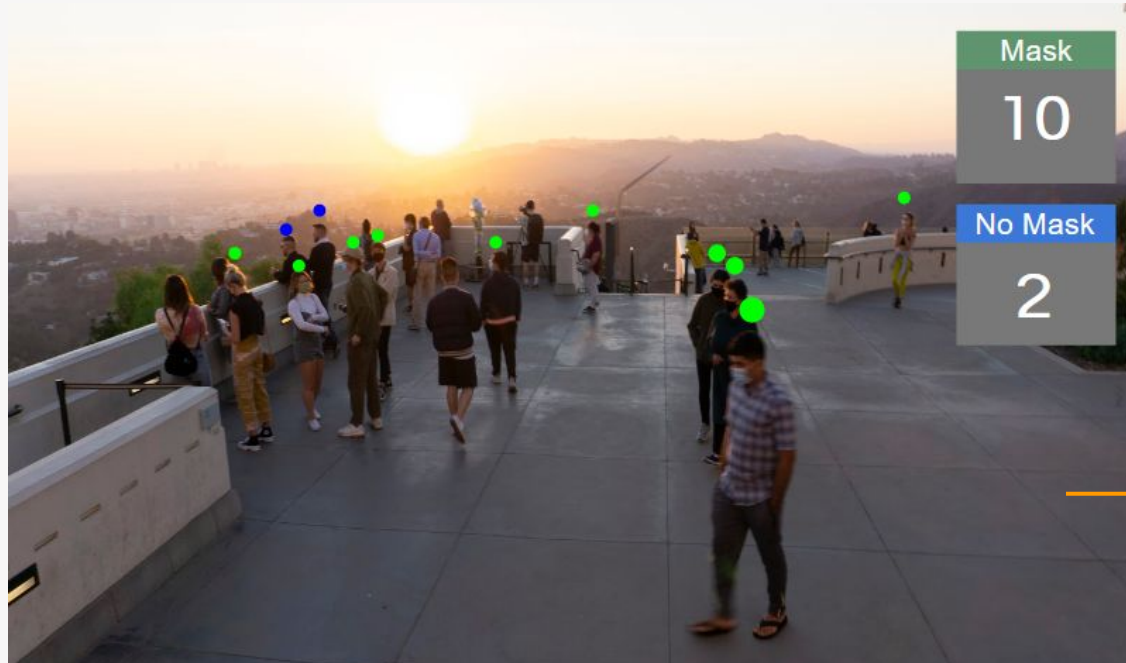
Interactive 3D and VR Simulation



Interactive AR Simulation 3D



# MASK DETECTION

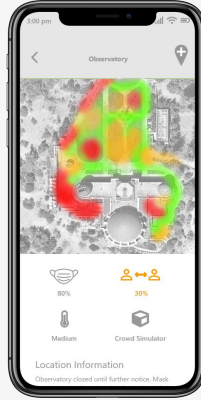


Location Info

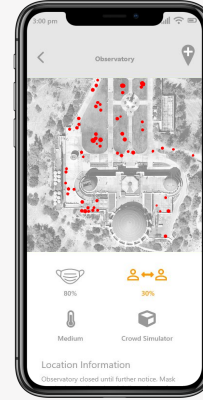
# VISUALIZATION TYPES



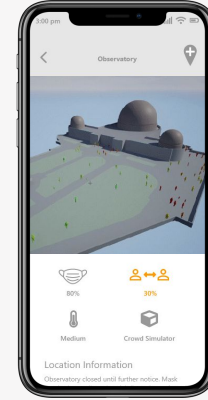
Security Cam Footage



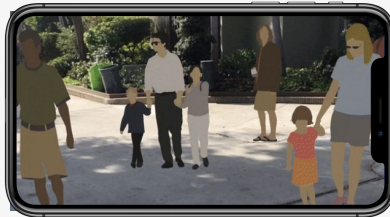
Density Heat Map



Points Data



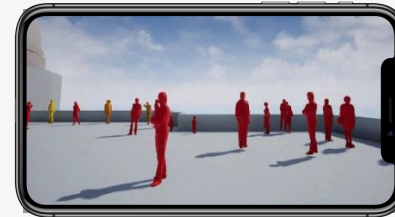
Interactive 3D Model



AR Simulation 2D



AR Simulation 3D



3D Simulation



# Thank You

## TEAM

Cianna Robinson  
Jennifer Morehead  
Joey Fonacier  
Ruben Montanez

*CREDITS: Presentation template was created by Slidesgo, icons by Flaticon, and infographics & images by Freepik and illustrations by Stories*