

PROTOTYPE

App that allows people
to create floor plans
quickly with a 3D
sensor and their tablet

OCCIPITAL

San Francisco startup that focuses
on spatial computing.

**STRUCTURE SENSOR: MOBILE 3D
TECHNOLOGY AT A CONSUMER PRICE**

SCANNER:
SCAN AN OBJECT

ROOM CAPTURE:
SCAN A SPACE

**FETCH: AUGMENTED
REALITY GAME**

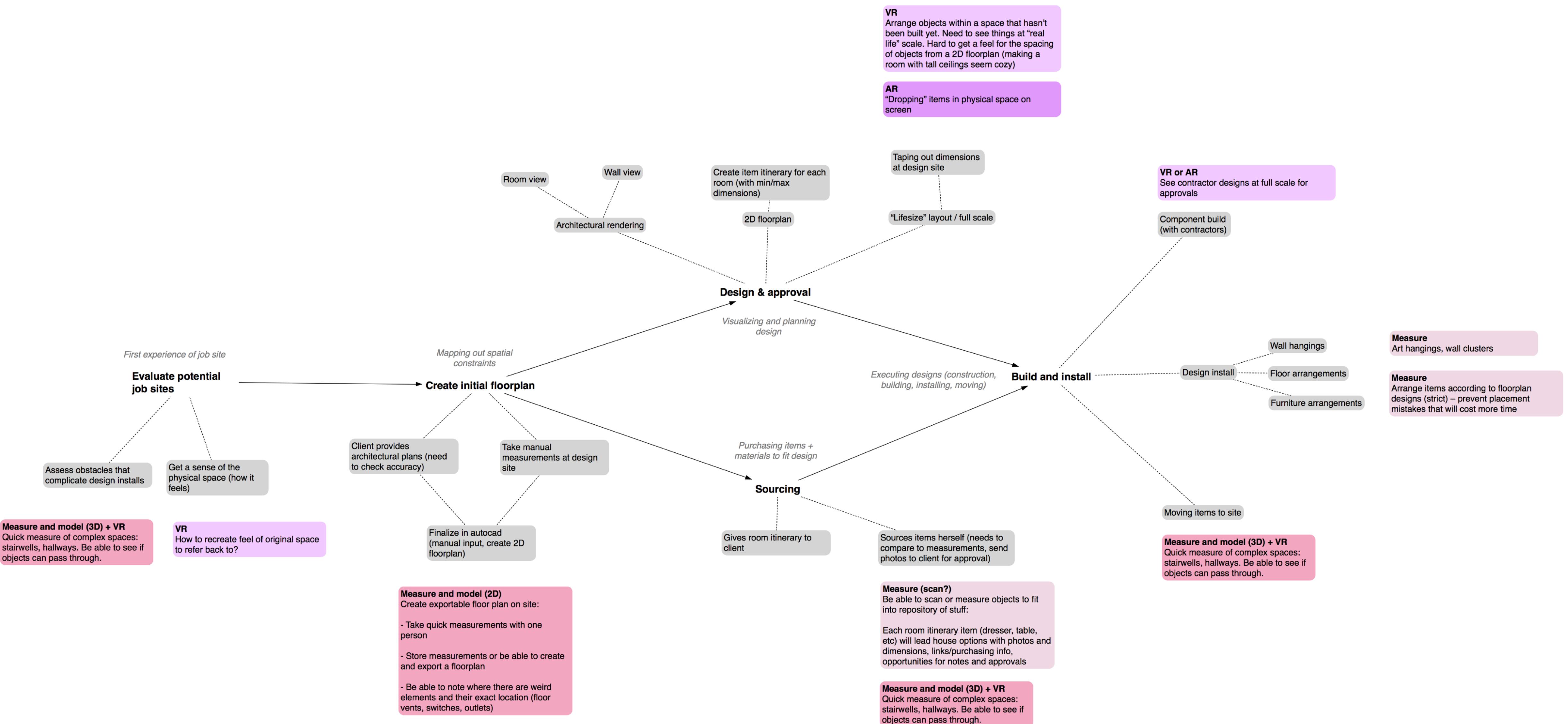
3 DEMO APPS

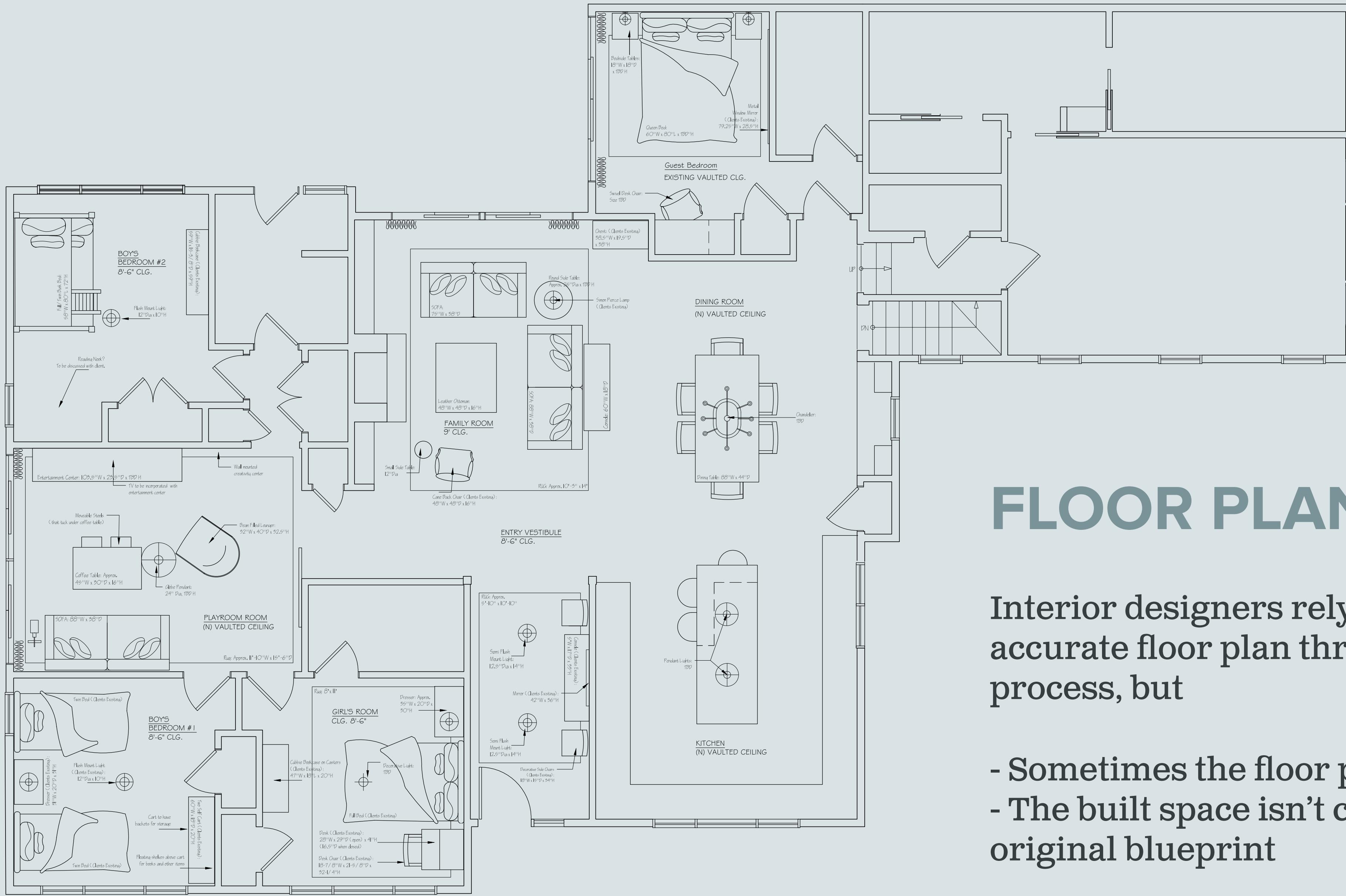
Single purpose applications
for developers to see simple
examples of working code
for each feature.

EKARE APP

**ALLOW MEDICAL PROFESSIONALS TO
ASSESS WOUNDS INSTANTLY & WITHOUT
CONTACT**







FLOOR PLANS

Interior designers rely on having an accurate floor plan throughout their entire process, but

- Sometimes the floor plan not provided
 - The built space isn't consistent with the original blueprint

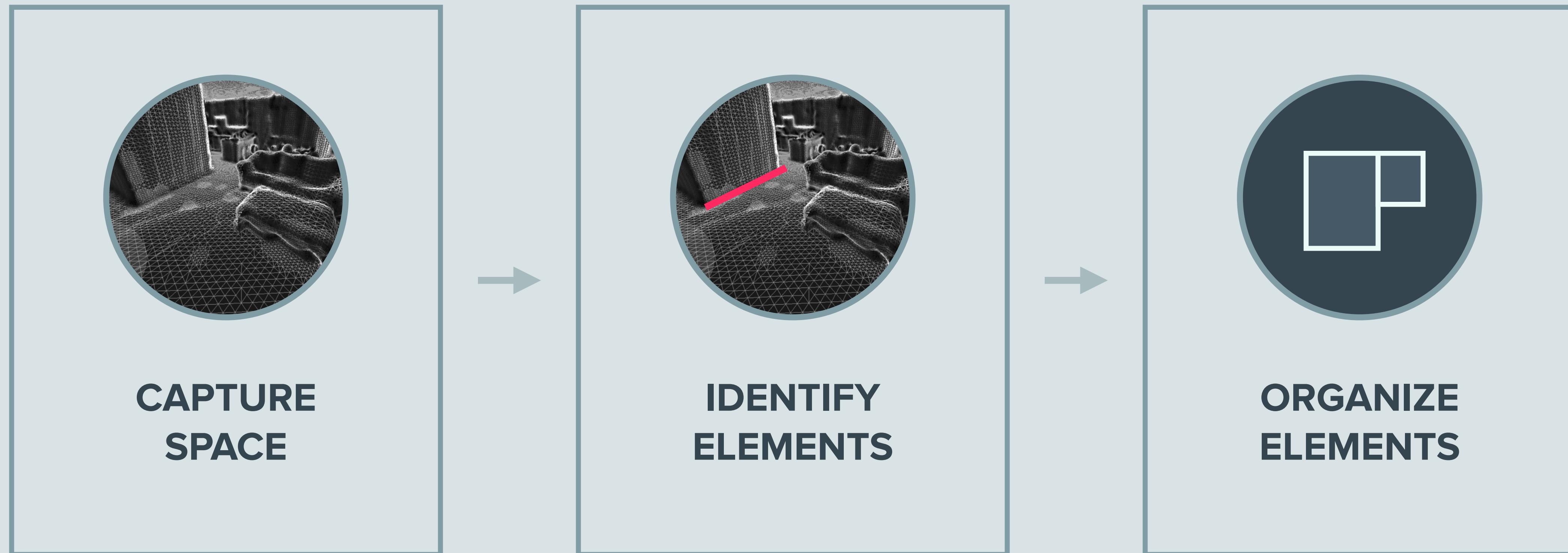


It takes half a day
for two designers
to manually record
measurements

USER GOALS

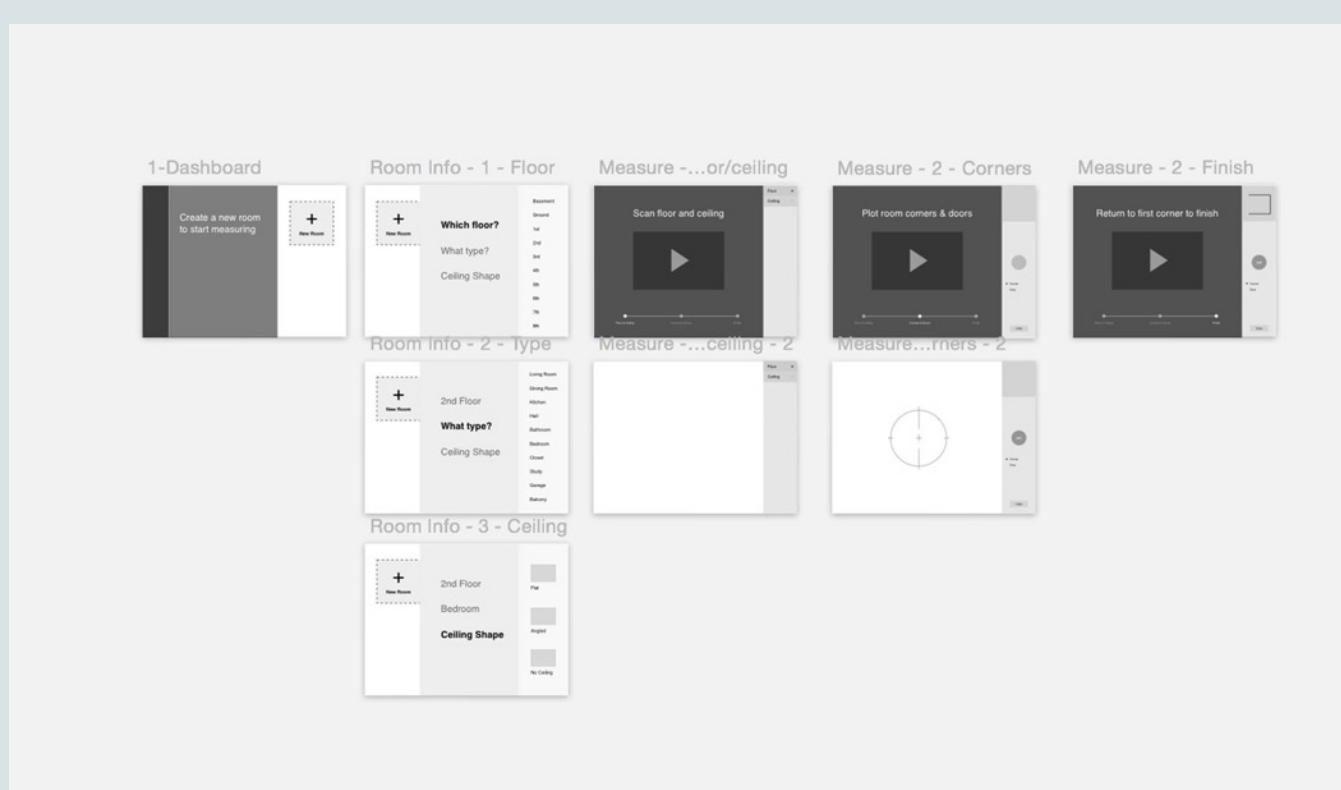
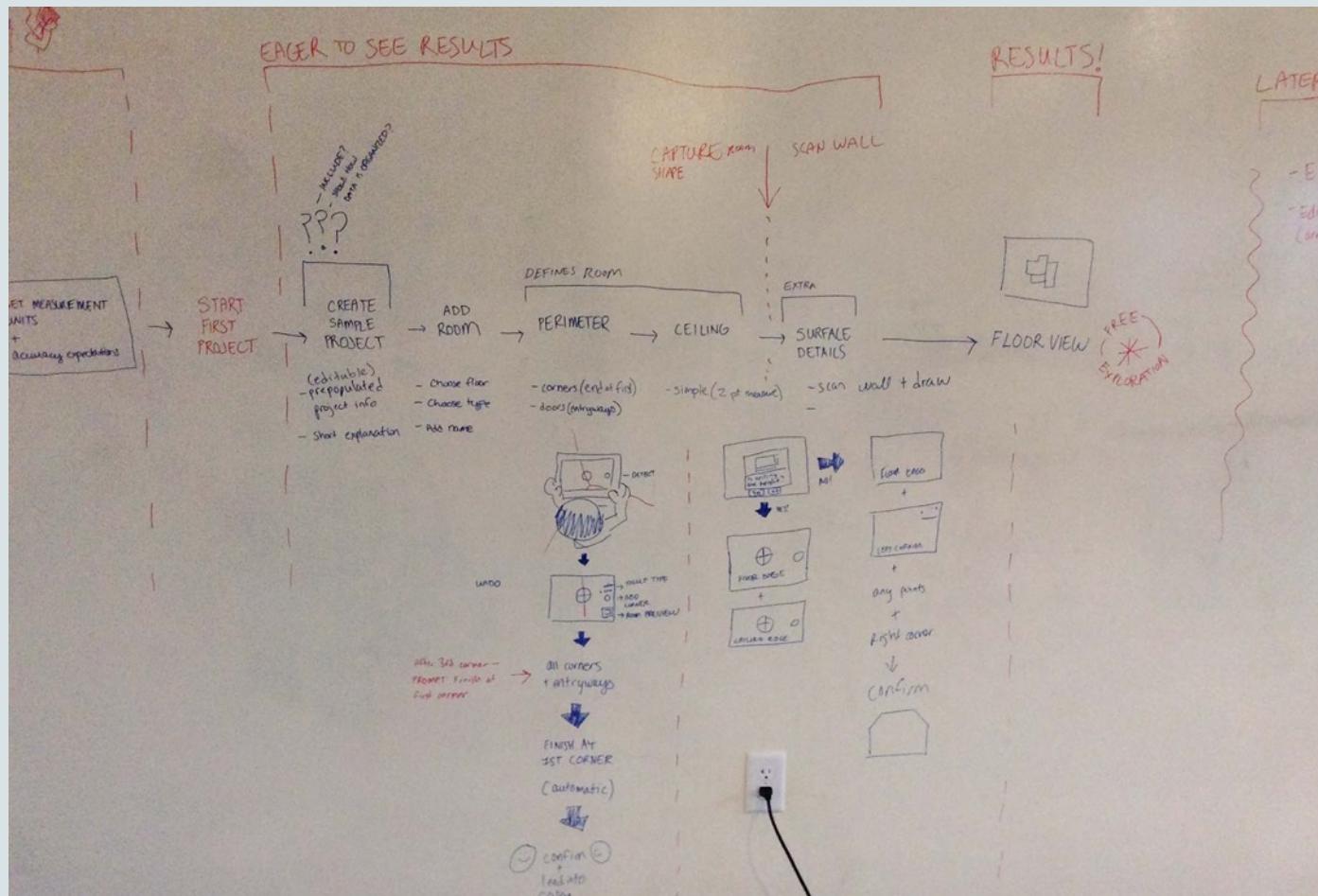
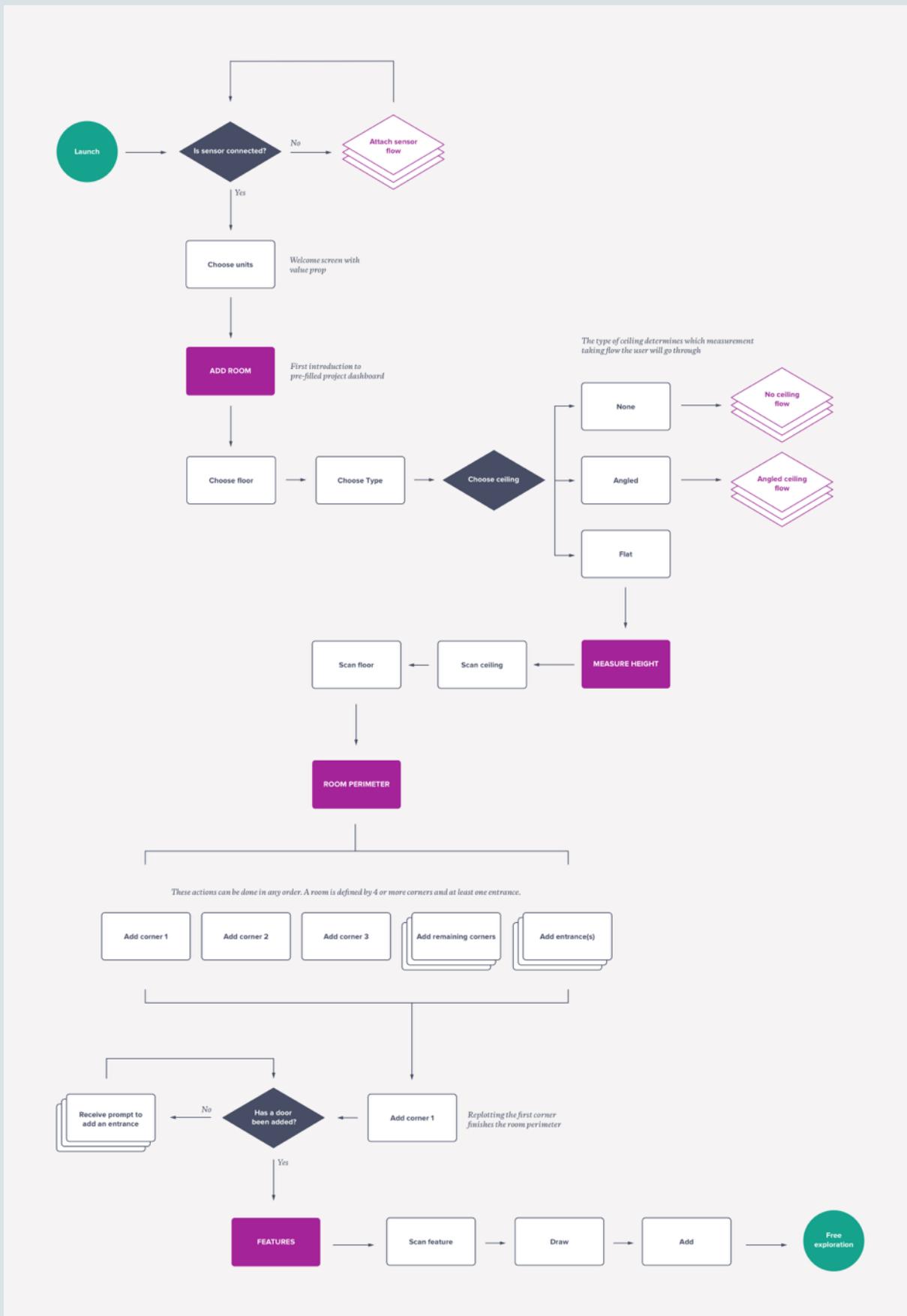
As a busy interior designer, I want to create floor plans quickly so that I can save time and money.

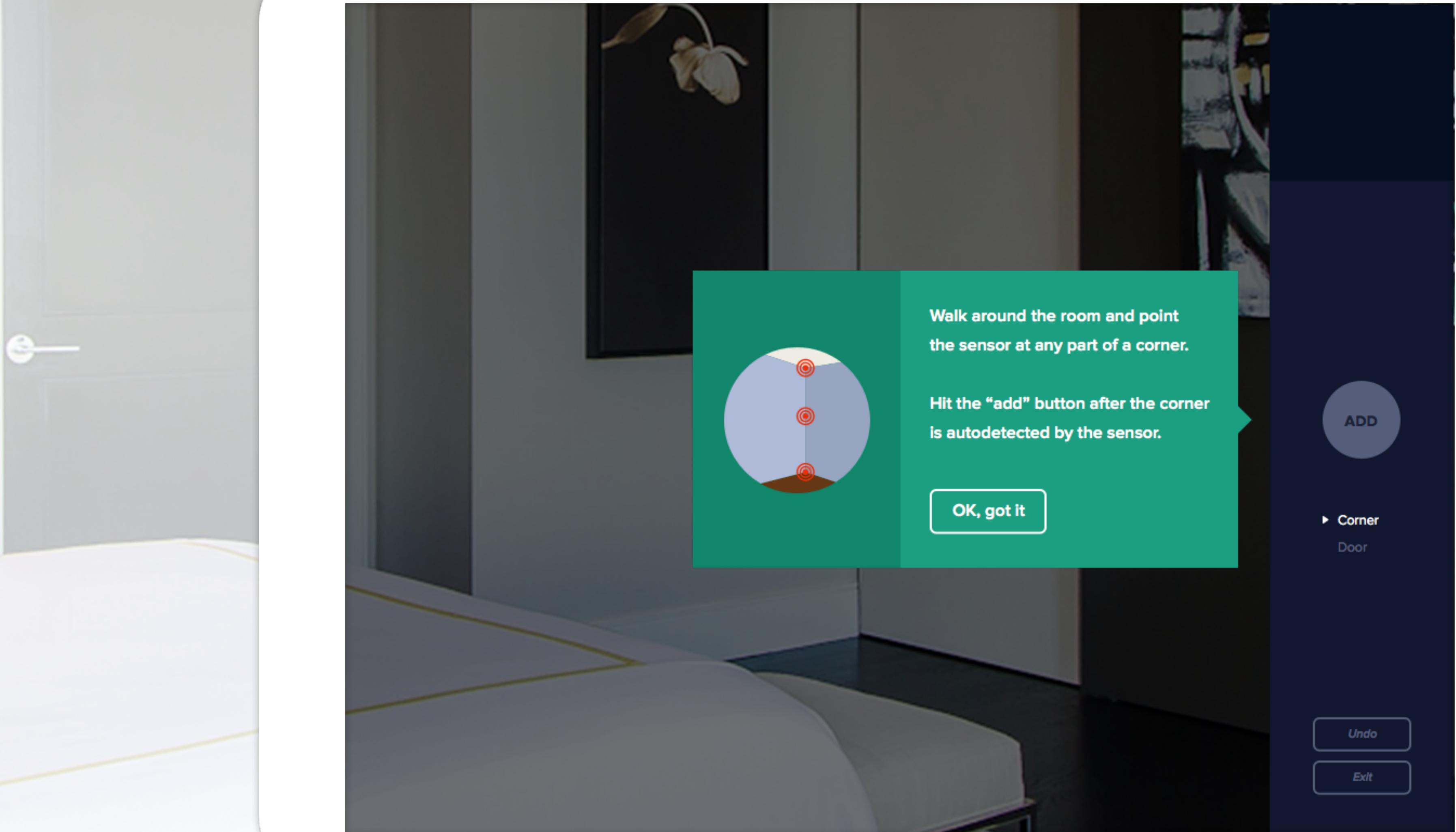
APPLICATION PHASES



DESIGNING THE ONBOARDING

User journeys, user flows, wireframes, prototypes, usability testing





NEXT STEPS

Validate approach with users and engineers

Major assumptions:

It's better for users to manually define the architectural elements (corners, doors, height) instead of building that ability into the software.

Users should define these elements during the room scan instead of after—using the mesh that the scan generates.

DEMONSTRATE IMPACT

Like the medical science application, this provides a more rich and realistic context to demonstrate the sensor's capabilities.

This gives potential developers a better sense of the impact that this sensor can make.