

AIR SPECT

CONTROL YOUR AIRPORT EXPERIENCE

Antonio Diaz
Jennifer Wong
Ethan Zhang
Sam Zhao
Gary Zhou

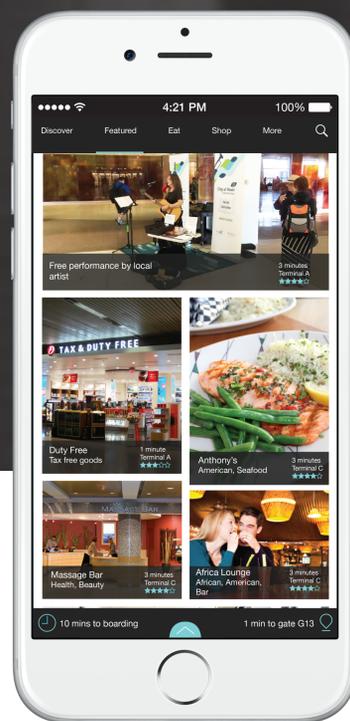
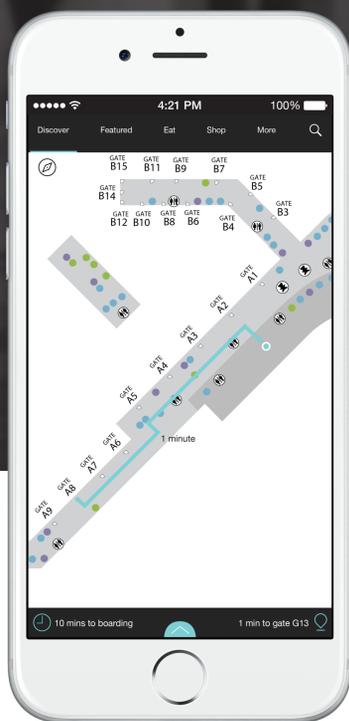
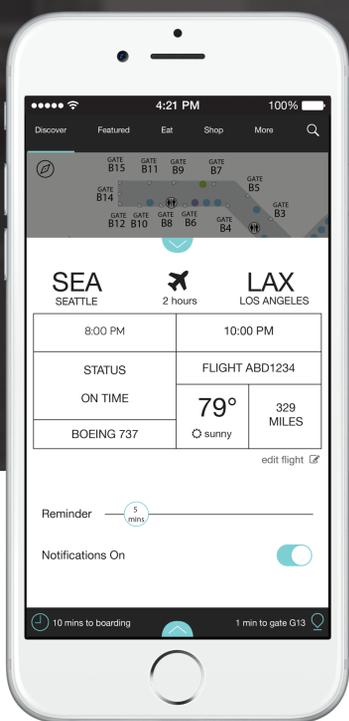


OPPORTUNITY CONCEPT

How can we encourage travelers to explore the airport and always make it back to their gate on time?

Airspect makes use of Bluetooth-enabled Beacons to track travelers' locations in the airport to help them find nearby attractions. Knowing the location and flight number, Airspect allows travelers to feel relaxed by tracking time for them.

-  Beacon Location
-  Airport Map
-  Time Awareness
-  Flight Information



FLIGHT STATUS

Real-time updates allow travelers to receive quick access to important information. Travelers will always know how much time they have until boarding and how far away they are from their gate.

NAVIGATE

Navigation aids travelers to get to desired locations with a complete airport directory and lets them know how long it will take to walk there.

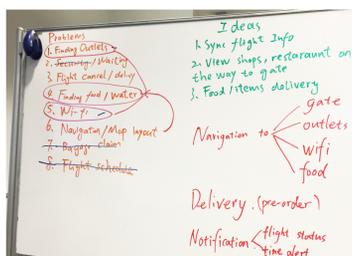
RELAX

Featured items provide things to do and see at the airport based on travelers' location. Relax and indulge while knowing that notifications will be sent about important flight information.

DEPART ON TIME

When it is time to head to the gate, Airspect will let travelers know. This will be calculated based on travelers' location in relation to their gate and how long it will take to walk back. Notifications about flight status changes will also be sent.

PROCESS



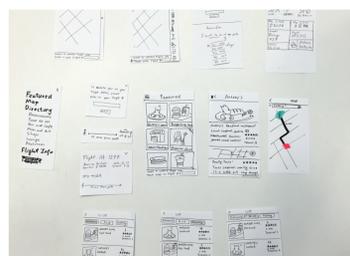
USER RESEARCH

Travelers don't have trouble finding their boarding gate. Therefore, we steered away from direct navigation.



IDEATION

Ideation focused on the finding that people don't leave their boarding gate to explore the airport because of anxiety in returning to the gate in time.



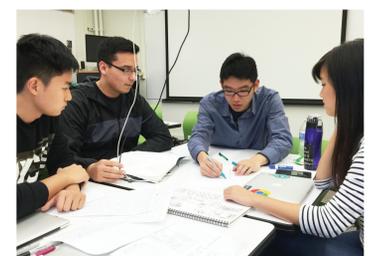
PROTOTYPE

Paper prototype and quick testing confirmed the value of our designs to provide flight status information, freeing the user to explore the airport.



USABILITY TESTING

A high-fidelity interactive prototype was built using Proto.io which was used to carry out a formal usability testing.



EVALUATION & REFINEMENT

After evaluating our usability testing results with our high-fidelity prototype, we made final revisions.