



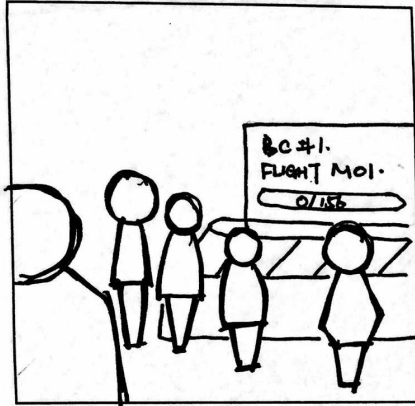
Speed Dating

Team A: Ming | Sauvik | Mishq | Weikun | Mina | Chris

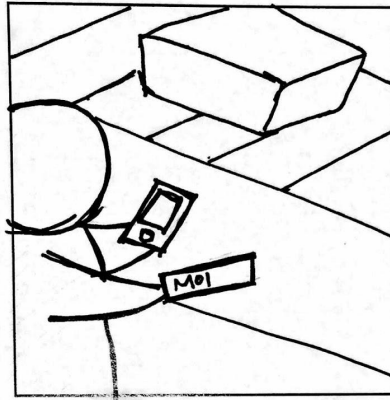


Speed Dating with PhD students

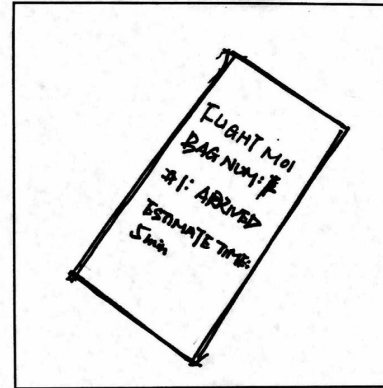
A PROGRESS BAR DASHBOARD & A MOBILE APP FOR BAGGAGE CLAIM.



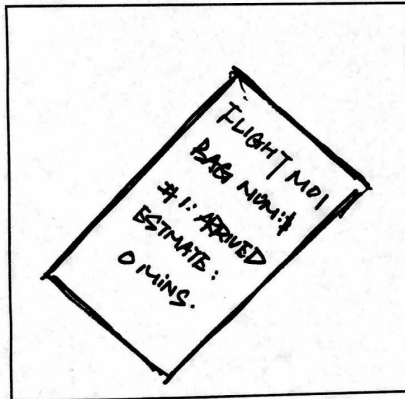
MIKE CAME OUT FROM AIRPLANE
CAME TO BC. THERE IS A DASHBOARD



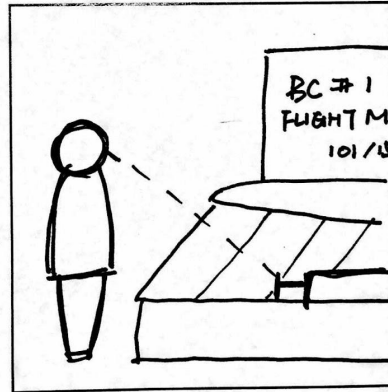
MIKE TAKES OUT HIS PHONE TO
SCAN HIS TICKET.



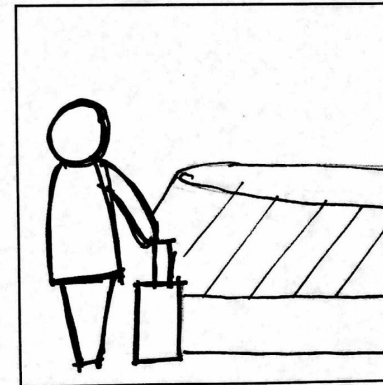
THE MOBILE APP SHOWS ~~HA~~ HIS BAGG-
E HAS ARRIVED AND WILL BE COMING IN 10 MIN



NOW IT SHOWS IT IS COMING



MIKE LOOK UP AND SAW HIS BAGGAGE
ARRIVING



MIKE TAKES & LEAVES.

Baggage Claim - Progress Bar

Know **how long it will take** for your baggage to come out

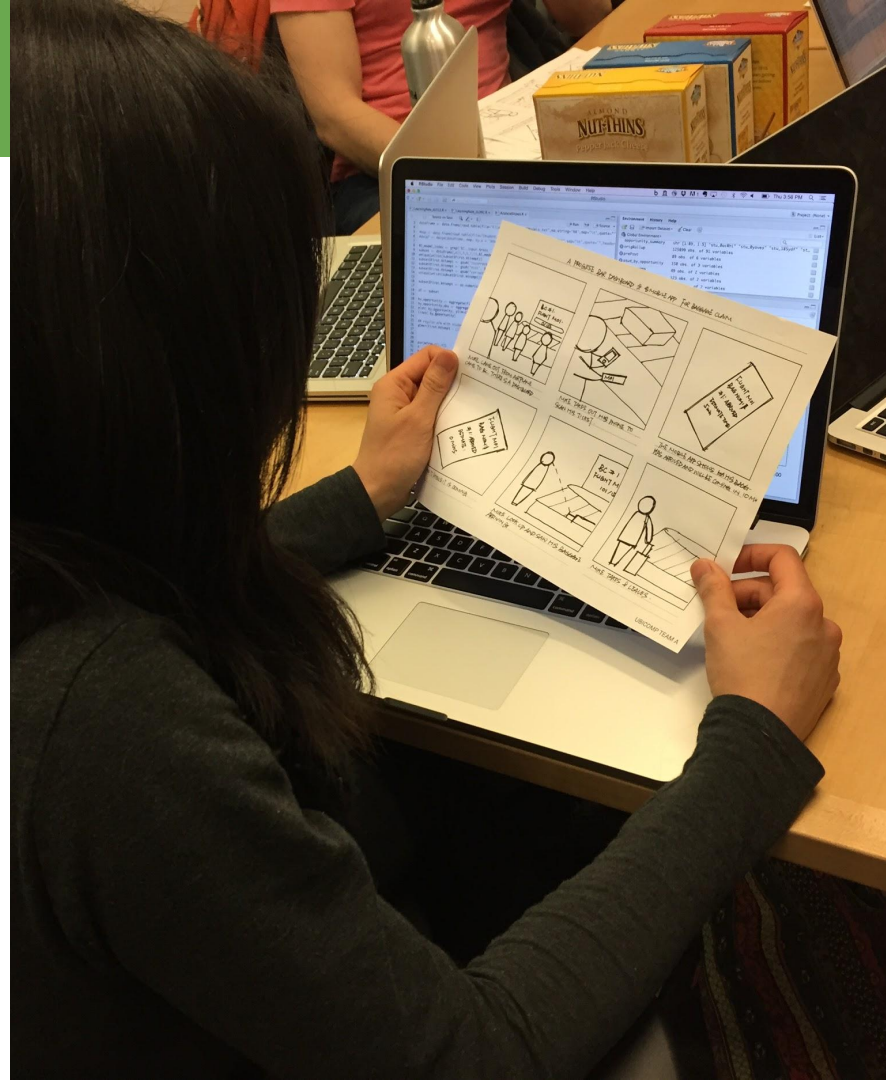
vs

Know **if** your baggage will come out

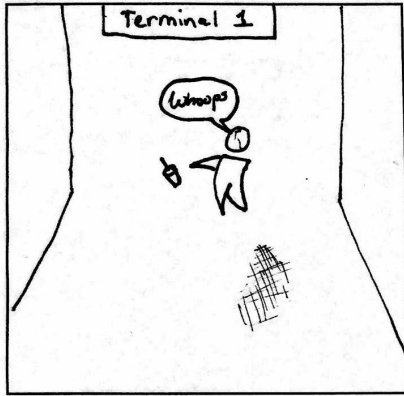
- Will still have to wait
- Not Ubicomp enough
- Not helpful for small amount of bags

Suggestions

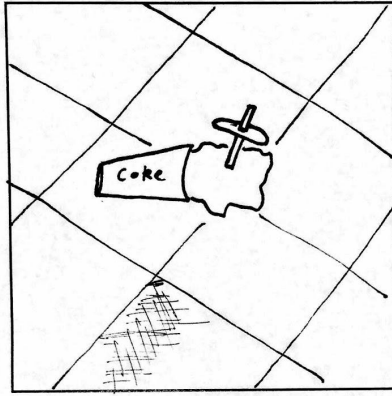
Projector/scanner to scan ticket and tell you when their bag arrives



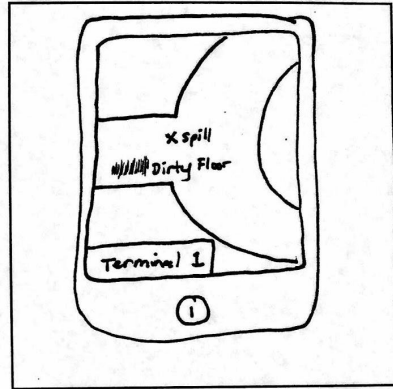
What if the airport cleaning staff only had to clean when it was dirty?



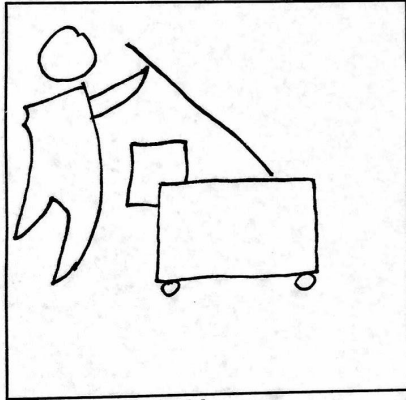
The floor gets dirty from spills and general use.



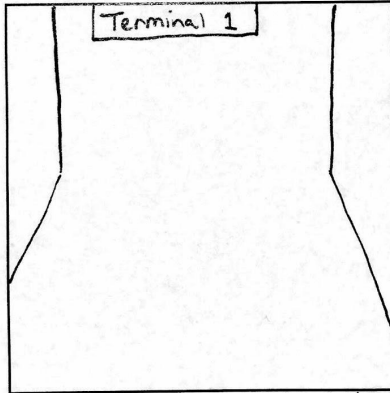
IntelliFloor senses dirty tiles and spills + reports it.



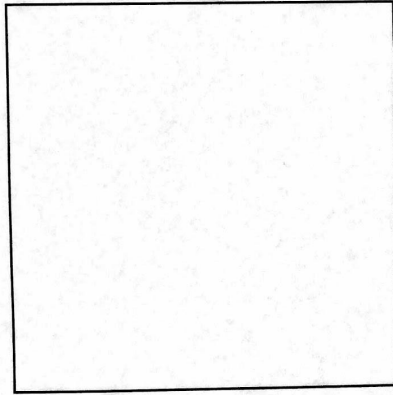
The IntelliFloor app reports trouble spots directly to cleaning staff.



Cleaning staff can go clean trouble spots.



Airport stays clean + staff don't have to needlessly clean the entire floor.



IntelliFloor

Some strong reactions

- + Unique perspective
- High cost for low benefit
- Cleaning everything is better

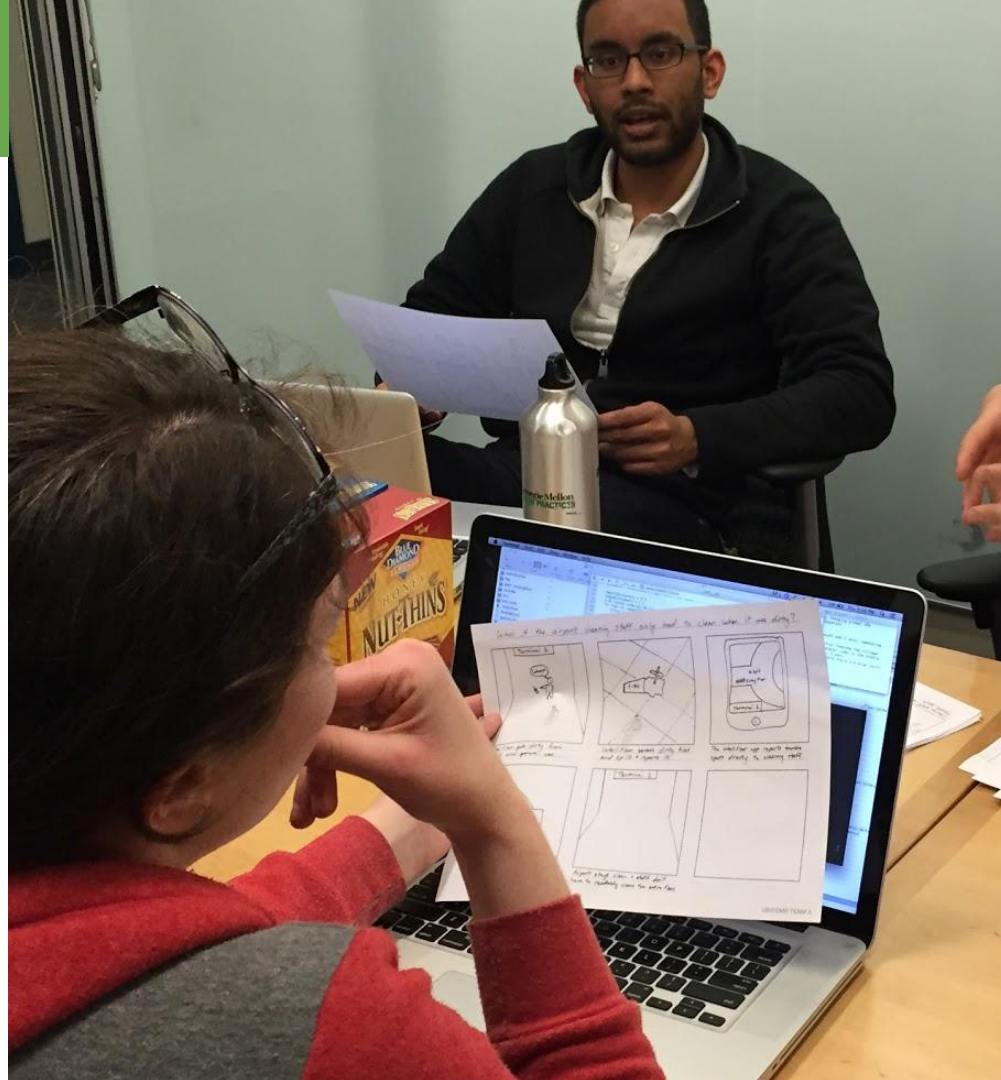
Also lots of ambivalence

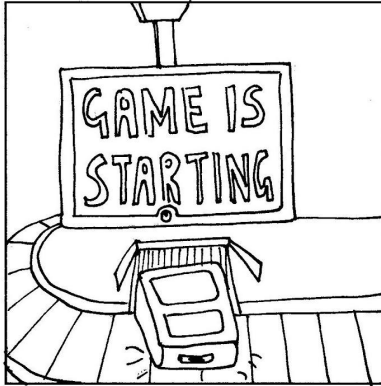
Practicality

What happens
when **airport** is
busy?

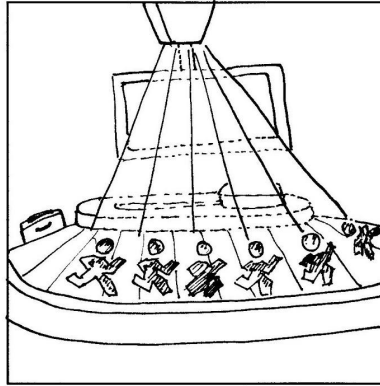
What happens
when **everywhere**
is **dirty**?

Is this a problem **worth solving**?

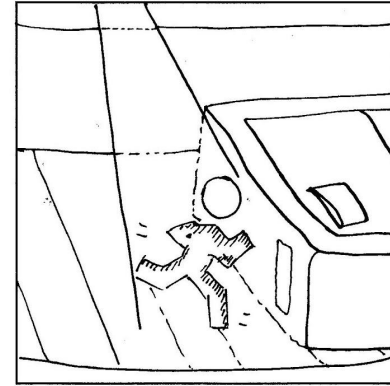




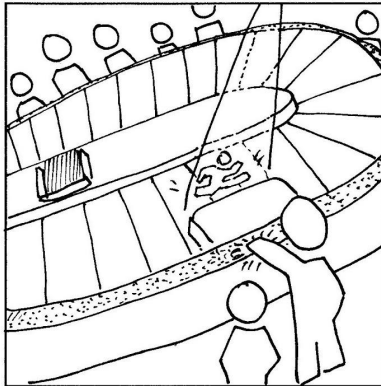
GAME STARTS WHEN THE FIRST BAG LANDS ON THE CLAIM



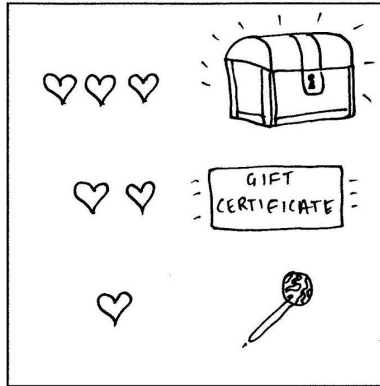
A RUNNER PROTECTION BEGINS CIRCLING THE BAGGAGE CLAIM



THE GAME ENDS WHEN THE RUNNER CRASHES INTO THE BAGS



TO MAKE RUNNER JUMP OVER BAGS, VISITORS TAP A TOUCH SENSITIVE SURFACE THAT LINES THE CAROUSEL



WINNERS COULD GET A PRIZE THAT REDUCES DEPENDING ON NO. OF RESTARTS

Baggage Runner

Concerns

Participation

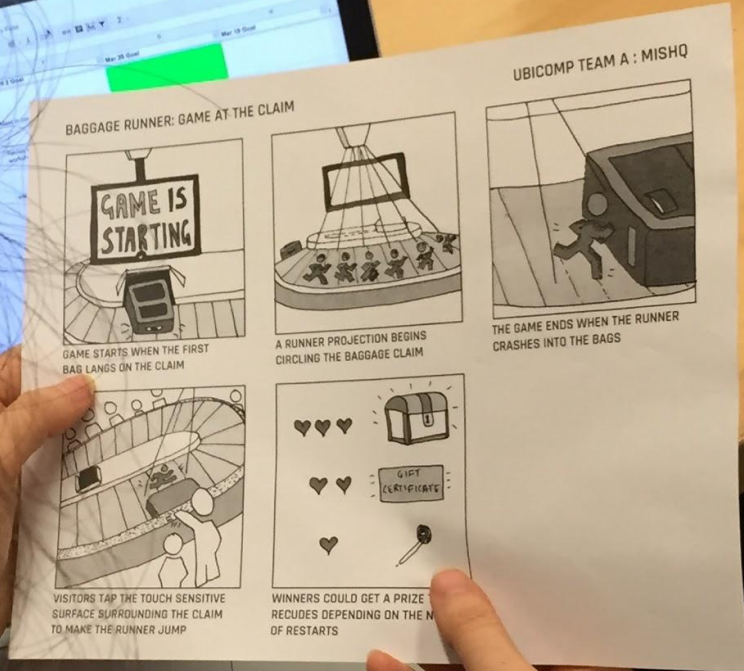
Space for people and luggage

Rewards

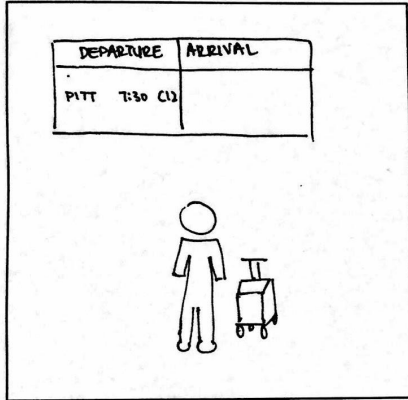
kids will definitely
play with it, not
sure about adults

would it make it more
difficult to get your bag if
people are playing this
game?

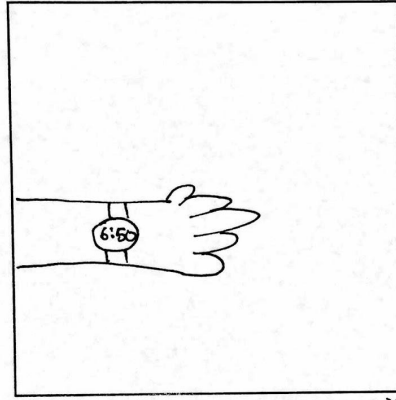
No connection between the
hearts and how you earn it



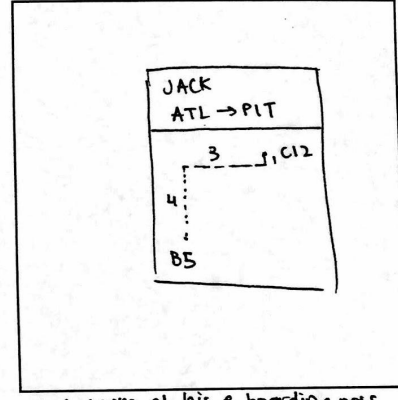
What if your boarding pass told you how long it takes to get from one gate to another?



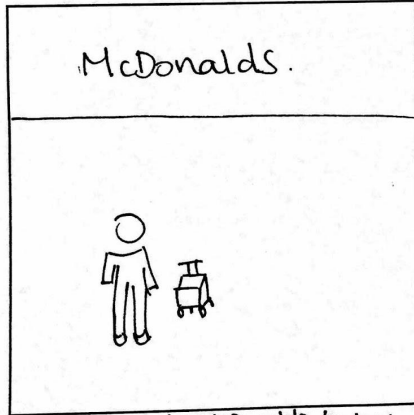
Jack just landed in Atlanta and looks for his connecting flight to ~~Atlanta~~ Pittsburgh.



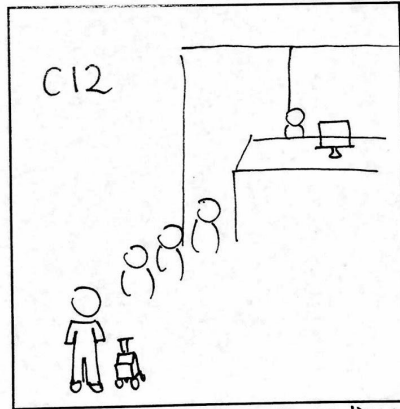
It was 6:50 and Jack wondered if he had time to grab food.



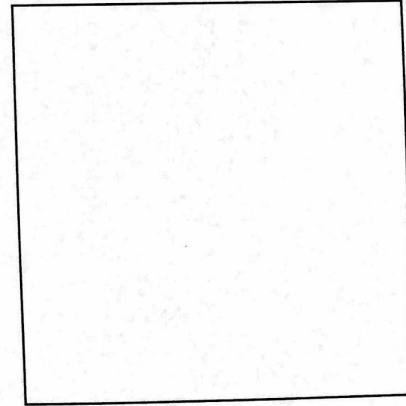
Jack looks at his e boarding pass which says it takes a total of 8 min to get to the gate.

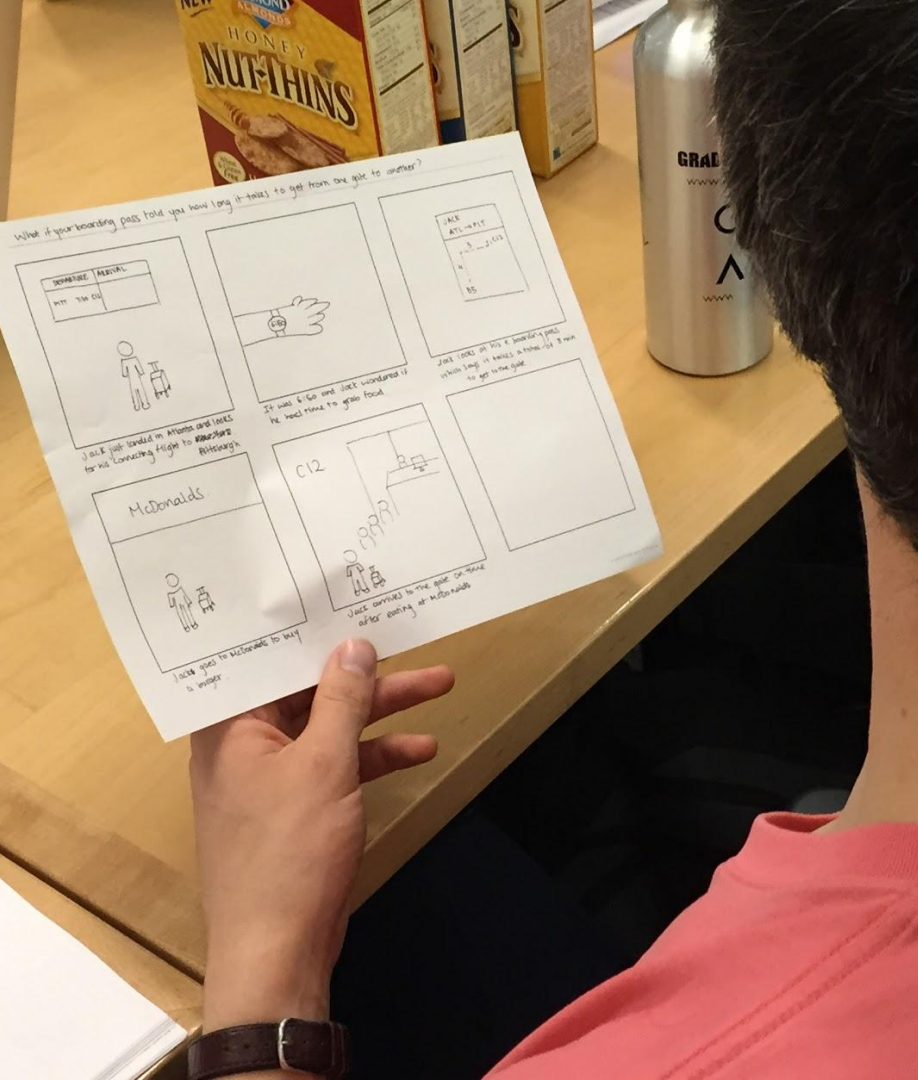


Jack goes to McDonalds to buy a burger.



Jack arrives to the gate on time after eating at McDonalds





Guidance Boarding Pass

Concerns

Is it an actual problem?

Why not an app?

What will the boarding pass look like?

Suggestions

Ticket could contains maps, directions, and restaurant suggestions

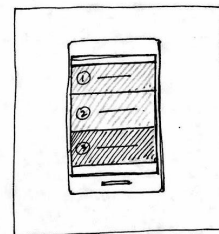
Track passenger's current location



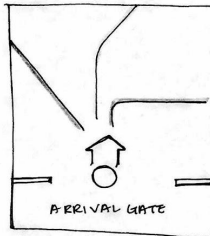
James arrives at the airport but since it's his first time visiting Pittsburgh, he doesn't know where to find transportation, neither which he should take.



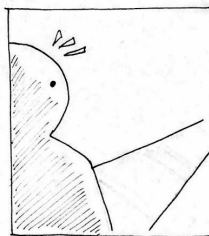
He inputs his destination to his phone.



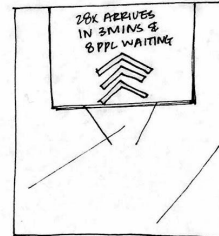
The phone lists mode of transportation, each labeled in different color. Also shows estimated time & cost of travelling. He chooses bus, which is green.



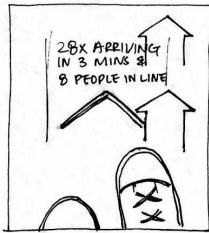
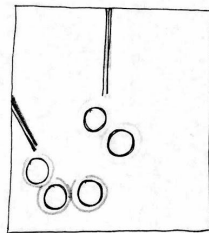
When James got out of arrival gate, he notices multiple colors of lights in line on the floor. One of the line is in green.



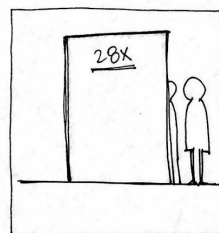
He also notices that the green line light is not just a line.



It shows the arrow signal for direction; ETA of the transportation; and how crowded the line is, etc.



As James walks forward, the information on the ground moves along with him and it gets updated every few seconds.



James finds the bus stop!

Floor Guiding System

Positive reactions

This would be really helpful!

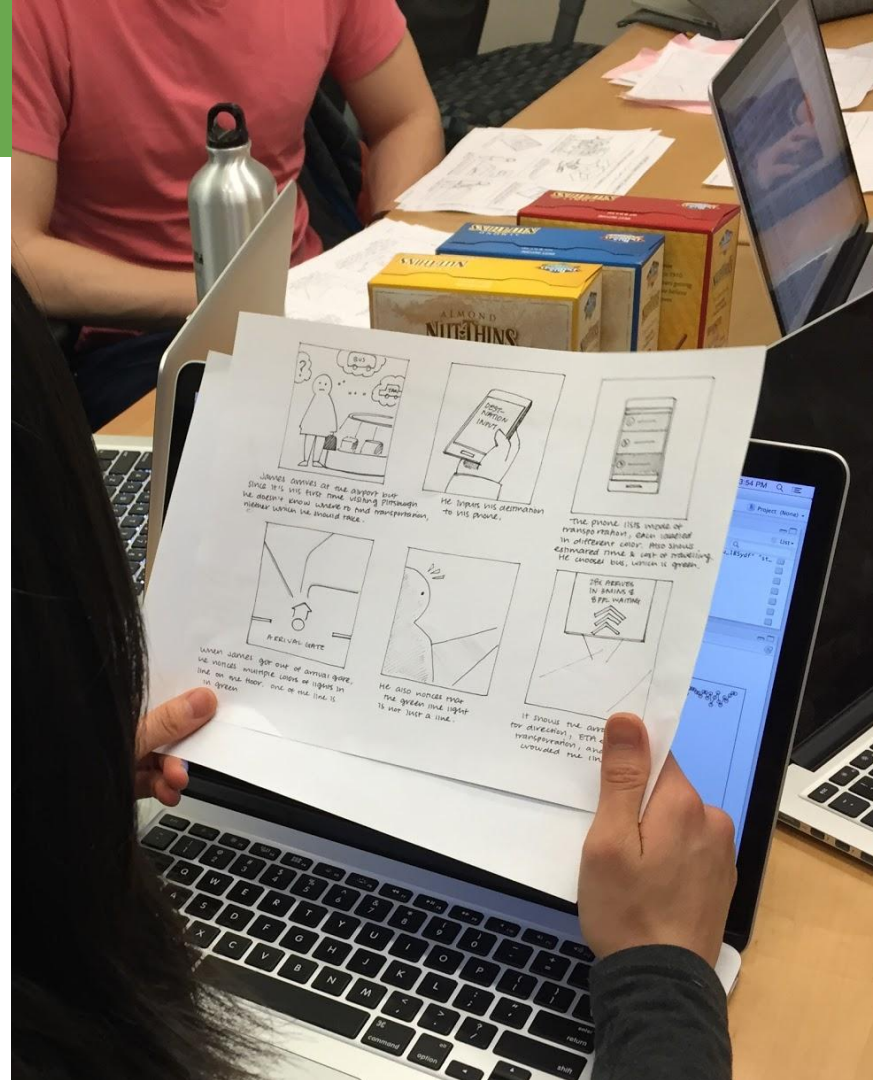
This is a problem!

Suggestions

Connection to mobile device, especially for alert

displaying more information other than ETA, such as distance to the bus stop

resolve for cases for large crowd of people





Speed Dating: Method Reflections

Conflicting feedback

Some users focused more on the **storyboard** than the idea

Strong reactions were the most helpful

"Oh wow!" for floor navigation



Questions?