

SPARR⁺OW

SGM 2/15

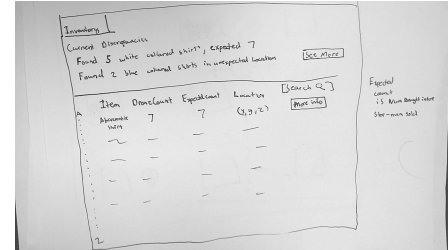
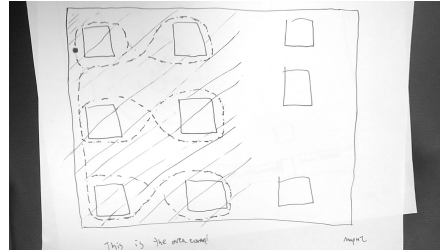
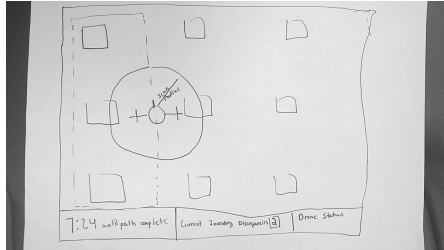


RAPID PROTOTYPING

What information does the drone need to transmit to the user?

How does the user perform the initialization of the drone?

Why would you (or would you not) adopt such a system if it existed?





RAPID PROTOTYPING: RESULTS

Ikea

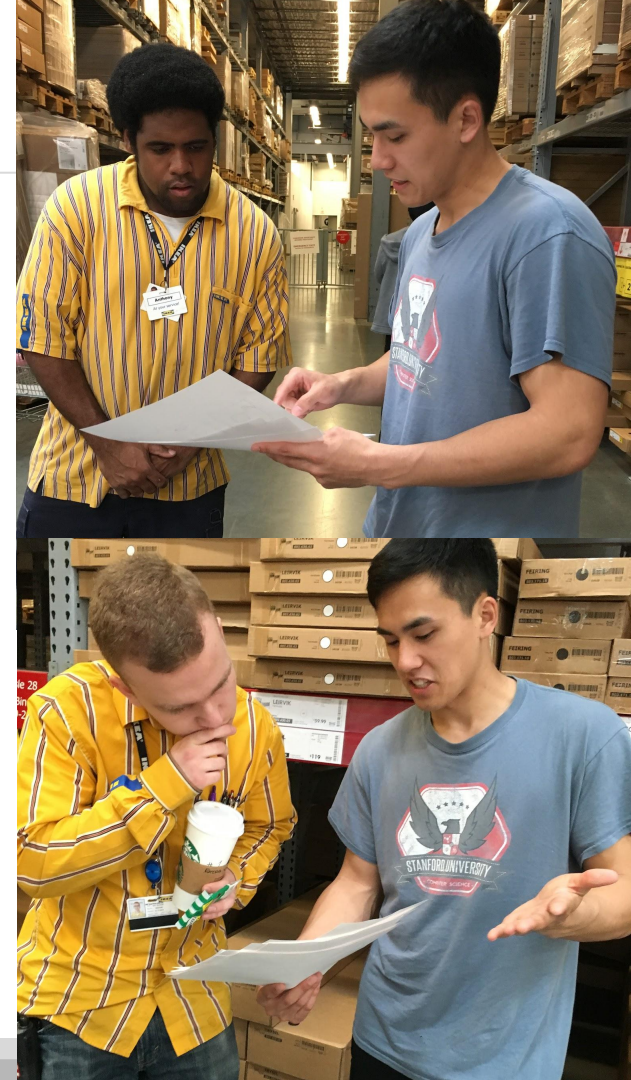
- Preferred inputting path in 3D map (as opposed to tape or selecting shelves)
- Most excited about figuring out where discrepancies are - perhaps include photo
- Wanted to see RFID radius

Nordstrom

- Discrepancies are currently only found after the fact, “could take days”
- Expensive Items are the ones that would be most likely to be tagged
- Drawing path/selecting shelves was preferred input method

Both

- Very excited about system!!! No privacy/ safety concerns
- Information in dashboard was all that was needed





REVAMPED ADS





REVAMPED ADS

Question: What value proposition is most compelling for warehouse management? Drone-specific or inventory-specific?

Hypothesis: Increased business intelligence driven by a continuous inventory model.





REVAMPED ADS



Like drones? Hate forklifts? Let your inventory take flight with SPARR⁺W.



SPARR⁺W

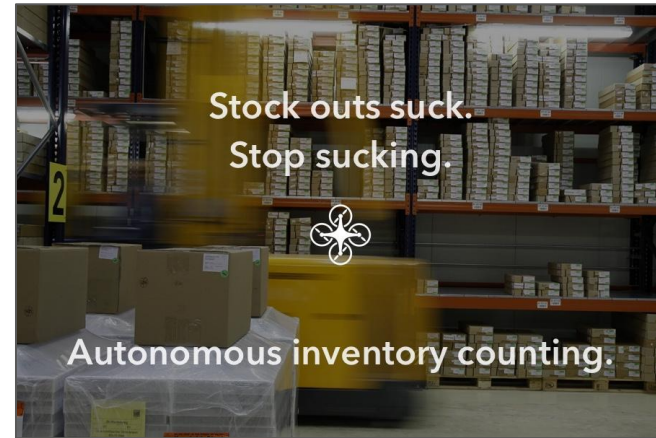
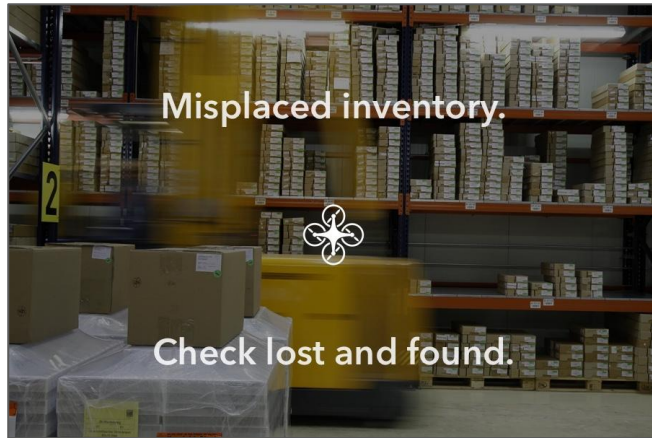
GOING WHERE OTHER DRONES CAN'T,
SO YOU DON'T HAVE TO ●



REVAMPED ADS

Question: What subprocesses within inventory management should we prioritize during implementation?

Hypothesis: Recovering lost inventory will be most desired.



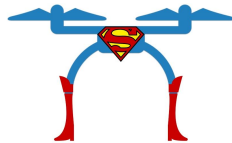


REVAMPED ADS

Question: What type of warehouse will benefit most from an autonomous drone inventory solution?

Hypothesis: Retail warehouses have greater errors in inventory management, allowing for greater potential impact as compared to distribution centers.

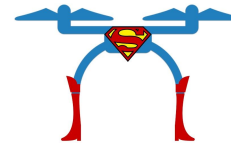
*IT'S A BIRD...IT'S A
PLANE...IT'S....*



SPARROW!

*YOUR RETAIL INVENTORY
MANAGEMENT SUPERHERO!*

*IT'S A BIRD...IT'S A
PLANE...IT'S....*



SPARROW!

*SUPERMAN FOR
DISTRIBUTION CENTER
INVENTORY MANAGEMENT!*



TRAVEL LOGISTICS

Dates: Friday 3/18 - Friday 3/25

SAP Meeting Preferred Date: Tuesday 3/22

Tentative Itinerary (London-Walldorf-Amsterdam):

- Leave SFO Friday night
- Arrive in London Saturday night
- Leave London Monday afternoon
- Arrive in Frankfurt Monday evening
- Drive from Frankfurt to Walldorf Monday evening
- Tuesday: SAP meeting
- Tuesday evening: Drive from Walldorf to Frankfurt
- Tuesday evening: Leave Frankfurt
- Tuesday evening: Arrive in Amsterdam
- Friday: Fly to London then back to US



QUESTIONS

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