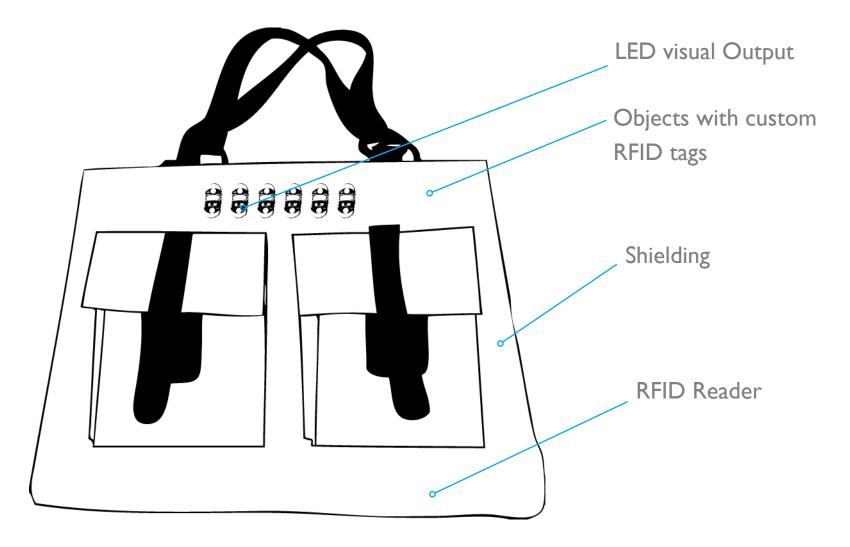
DEJA VU

Heidi Chen & Nicole Tariverdian • 5 10.2011

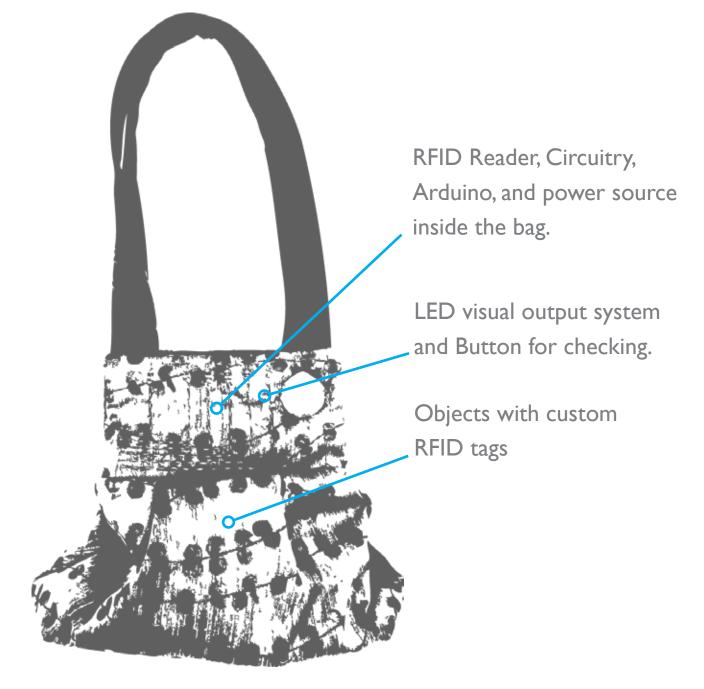
Déjà vu: French pronunciation: literally "already seen"is the experience of feeling sure that one has already witnessed or experienced a current situation, even though the exact circumstances of the previous encounter are uncertain and were perhaps imagined.

To build an intelligent bag that will sense if the users "important" objects are present, through the use of RFIDs and a visual output, signaling when each object is present.

DESIGN IDEAS



FINAL DESIGN



INFLUENCES Key Finder



INFLUENCES Nanda Gauri: Build Your Own Bag

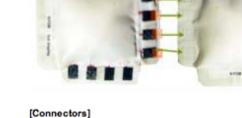
[Fabric Blocks]

bYOB is a prototype network integrated into a set of fabric blocks that can be configured into familiar garments and accessories that borrow gaments and accessories that borrow and share sensory data. The system is designed to afford anyone the ability to build, rip apart and reconfigure intelligent objects.









Conductive Velcro is used to join peaces together and enable power and data to be tranmitted throughout the object that is built. Because the user is able to "accessorize" as desired, digital behaviors can always be changed to meet individual evolving needs. bYOB can be used to build "reminders" inside fabric





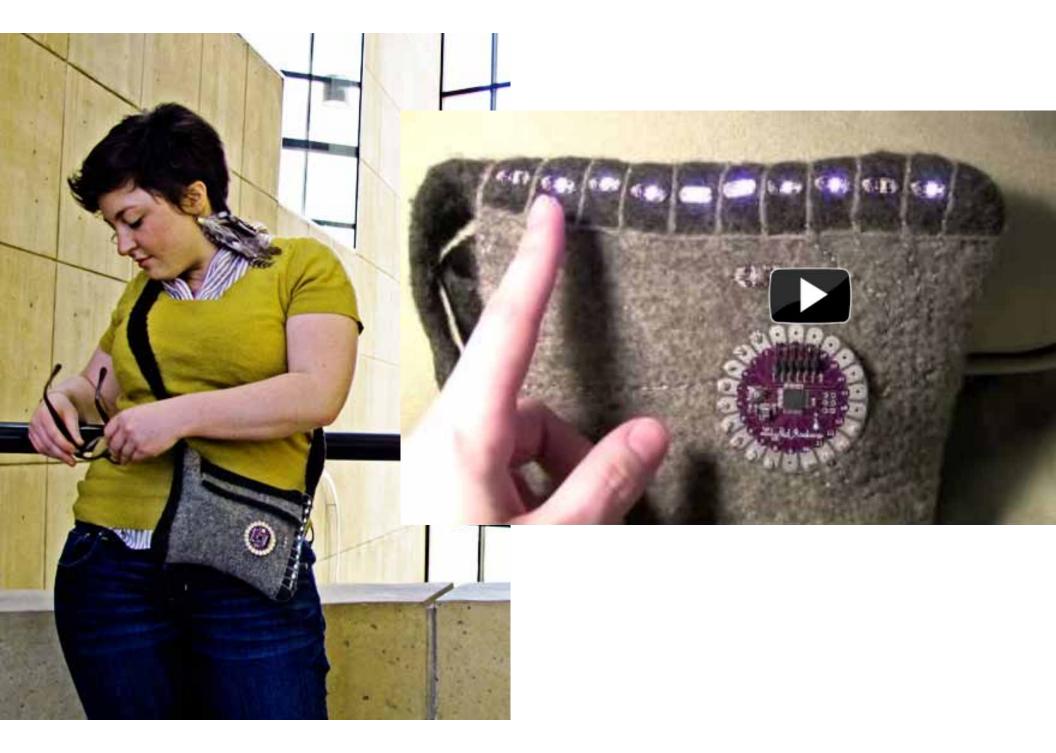
Future applications of bYOB may allow users to "Google"inside of their physical personal belongings.





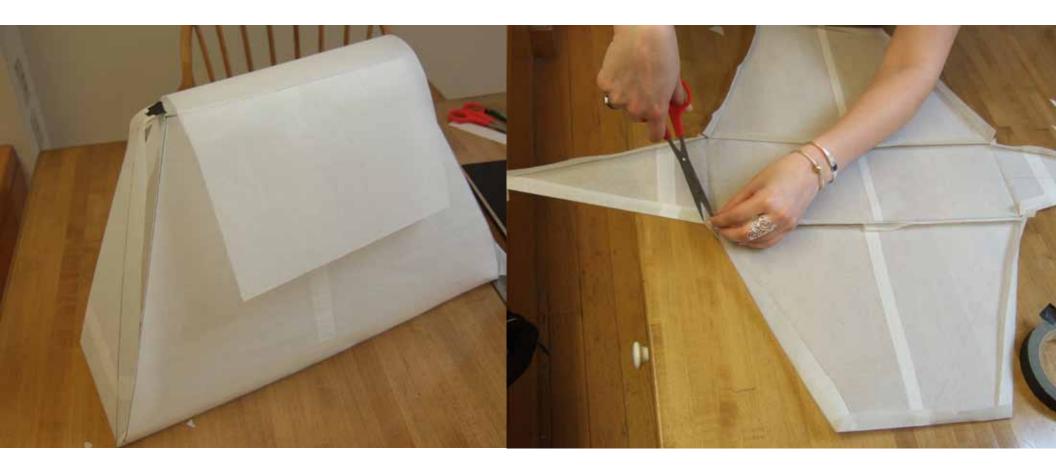


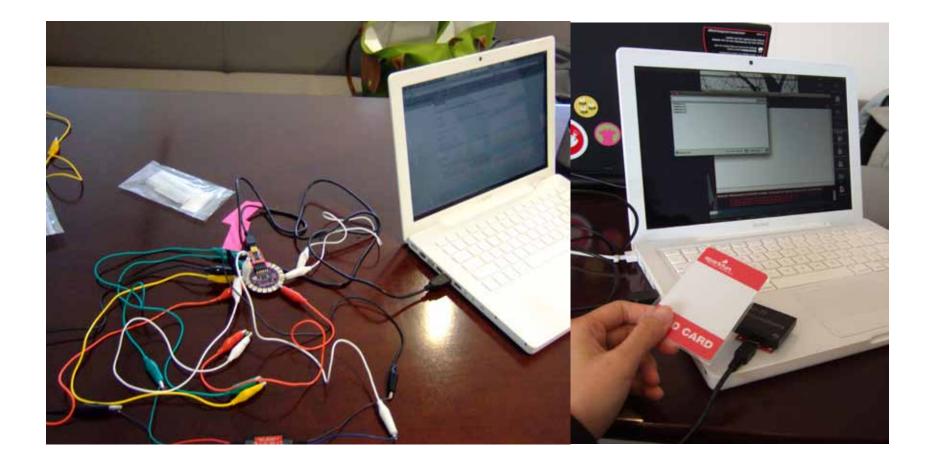
NFLUENCES Kalani Craig: Know It All Bag

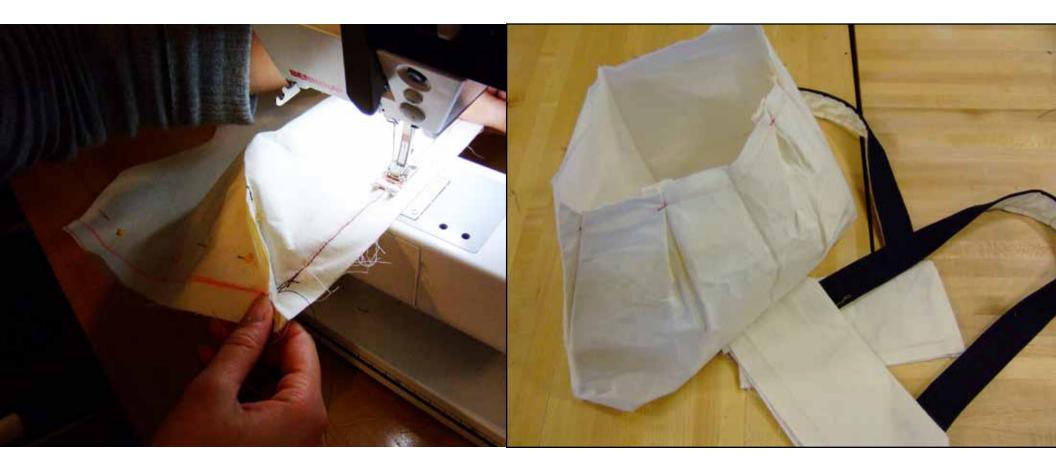


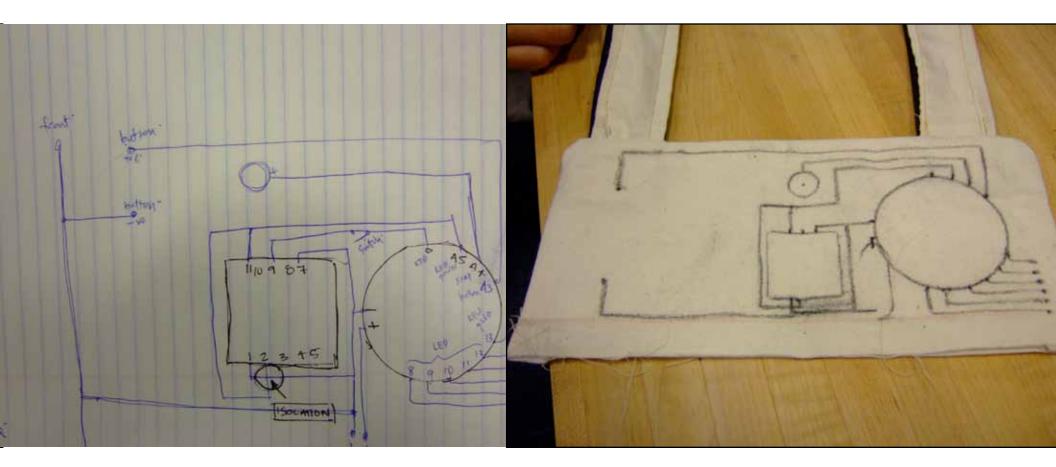
INFLUENCES Becky Stern: Designed RFID Tags

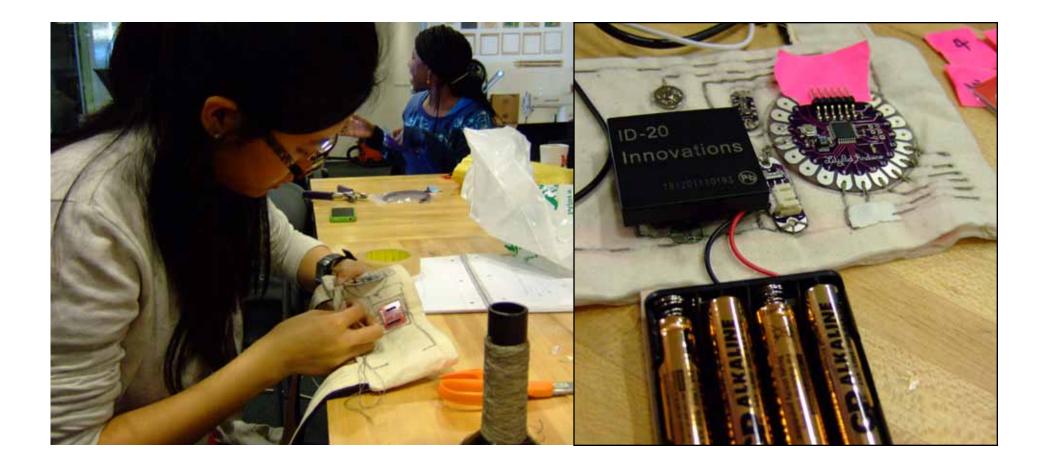




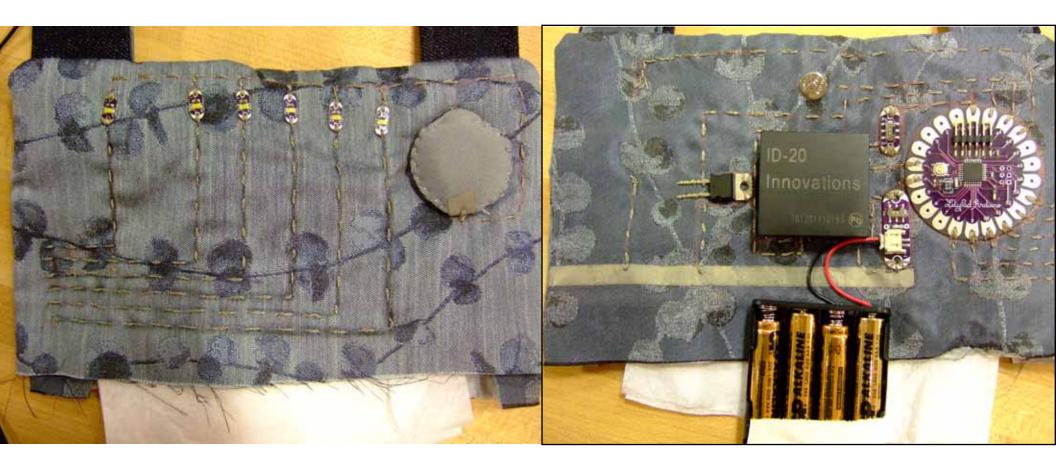










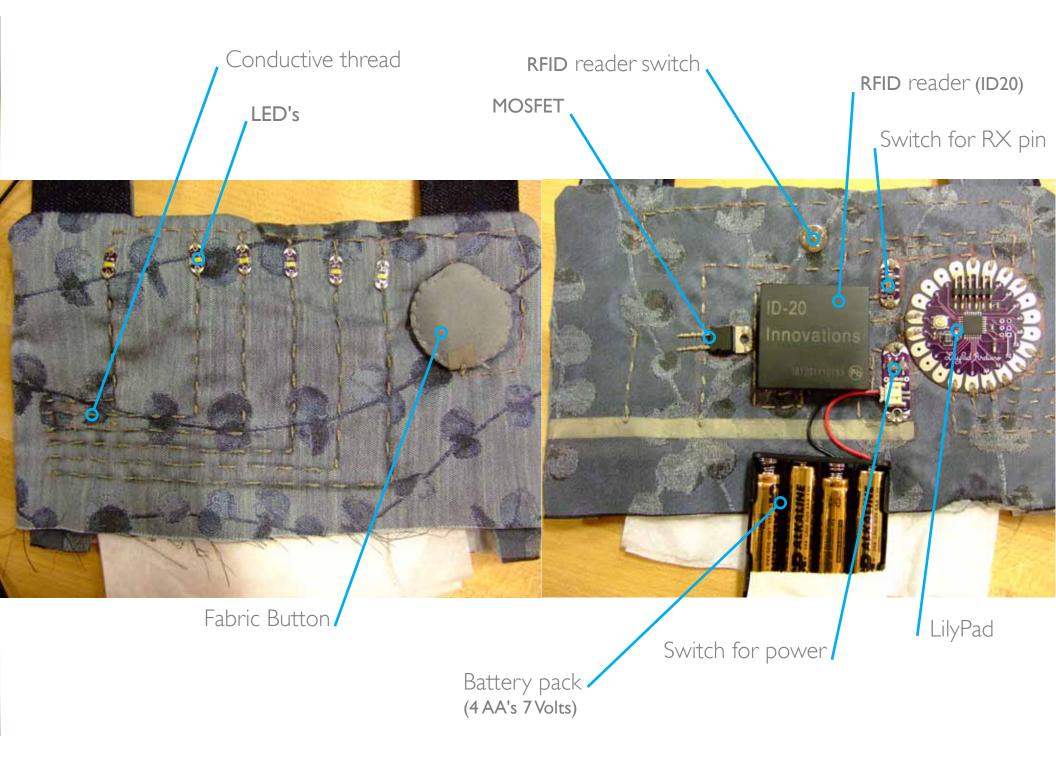




DEMONSTRATION



DEMONSTRATION



CHALLENGES



Designing the pattern
RFID technology limitations
Mapping the Circuitry
Soldering
Power Supply

POSSIBLE IMPROVEMENTS



- I.Waterproofing.
- 2. Shielding
- 3. Padding for electronic components
- 4. "Memory"? (if possible)
- 5. Incorporate LEDs into the bag
- 6. Better user feedback with button

THANK YOU!