Sensor Salon

A project that investigates new types of wearable tech services
With a growing population of wearable devices, what new systems might exist to support and maintain the device and the wearer?

- Research
  - Nail Art Services + Culture in LA
- Prototype Wearable
  - New Aesthetics of Nail + Tech Culture
- User Test
  - Installing Sensor Extensions
- Deploy
  - Service Salon Implementation
- Insights
  - Questions and Areas of Research
0 hr

sand  soak trim sizing primer layer bake color layer 1 bake color layer 2 bake color layer 3 bake art bake

negotiation small talk gossip therapy

return for de-install + re-install
passionate +
experimental
subculture
Exploration of New Aesthetics and Interactions

Programmed sensor personalities controlled by the user or in control of the user

New 3D forms and breadboards generated to host tech extensions

Nail + Tech = New Aesthetics and Culture
User Testing
“I would use these nails if I wanted to quit smoking”
The sensor nails helped the person speculate, utilizing their own needs to develop their own personal devices. What new services can support the growing need to personalize wearable tech?
Installation Service

New roles and skill-sets needed to make, interpret, and install  
New tools to apply and personalize  
Salon as a physical space
What would the salon require?

**People**
nail artists
developers
interaction designers
industrial designers
doctor
therapist

**Tools & Materials**
3D printer
3D scanner
laser cutter
bandsaw
arduino uno
arduino yun
intel galileo
intel edison
xbees
soldering irons
solder
various color wire
computer stations
electrical tape
sensors:
haptic vibration motors
vision sensors

LED curing lights
multi color nail gel
ph bond
base coat
top coat
multi size clear nail tips
nail glue
nail studs
nail charms
glitter
nail foils
nail art brushes
acetone
orange oil
cotton balls
nail files
nail scissors
SENSOR SALON

SENSOR EXTENSION MENU

powerpack
wired
wireless

3d
breadboard
circuitboard

led
sensorset

2d
paint
gel

*prices vary

Microsoft Design Expo 2014
Nail Artist installs tech on body
(5) Dev+Design collaboration and makes programs behavior
Sensor Ethnographer extracts + interprets clients needs
Brainstorm
Make
Install
Client #1: Sarah
Client #1: Sarah

ALL: Color Club Holographic Nail Polish

Left Hand
THUMB: EL Wire + 3D Printed Sea Horse
POINTER: 3v Watch Battery + LED
MIDDLE: 3D Printed Lion's Head + Gold Studs
RING: Multi-Color Gems + Gold Horseshoe Charm
PINKY: Spikes

Right Hand
THUMB: LCD Screen “Backoff” / LED Circuit Board
POINTER: Resistor + Chanel Charm
MIDDLE: Plug + Purple Wire + Holographic Glitter
RING: Yellow LED
PINKY: Fish Bone Charm

Technicians
Kristina, Whitney, Erika, Marcus, Aaron, Claire, Jenny, Gerardo

Notes
GPS Prototyped, need further investigation

Next Appt.
07/20/14
10:00am
New Culture + Aesthetics
Nail Art + Maker Culture, Salon Culture + Maker Lab
Rituals of self maintenance blending with technology
Mixing nail and tech knowledge and tools
Engaging with communities beyond design and tech
A new type of early adopter, driven from the individual

Wearable Tech Disruption
Not the one device, a network of people, sensor, data, and devices.
Wearable as type of accessory ranging from temporary, semi-temporary, to permanent
A wearable that can be altered, edited, updated, and upgraded
Life-cycle of wearable

Made-To-Order
Help drive personalization strategy from fashion to function
Programmed or prescribed interactions
Engaging people in the process of making of their wearable device
Enabling people to speculate through prototyping utilizing their specific needs and skills
Transparent process provides education to new communities

A New Service Model
A new service model for the distribution, making, installing, and updating tech
Salon as a platform for trusted conversation, collaboration, and creation
A physical store front needed for the making and installing of wearable tech
Franchise model
Client + Technician relationship. New roles needed for the creation of devices and interpretation and translation of data
http://cargocollective.com/futureofwearableservices

OPEN. make your appointment today