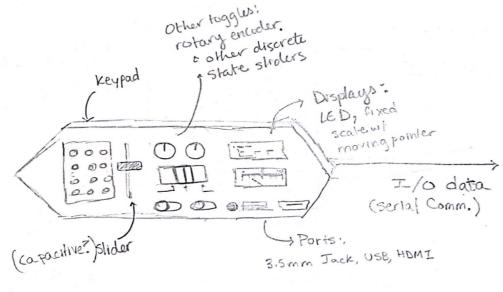
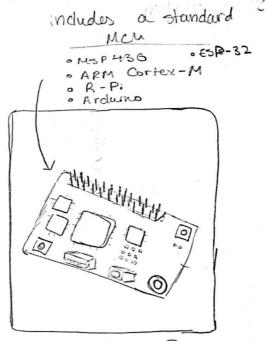
Concept Drawing 1: The Base Idea

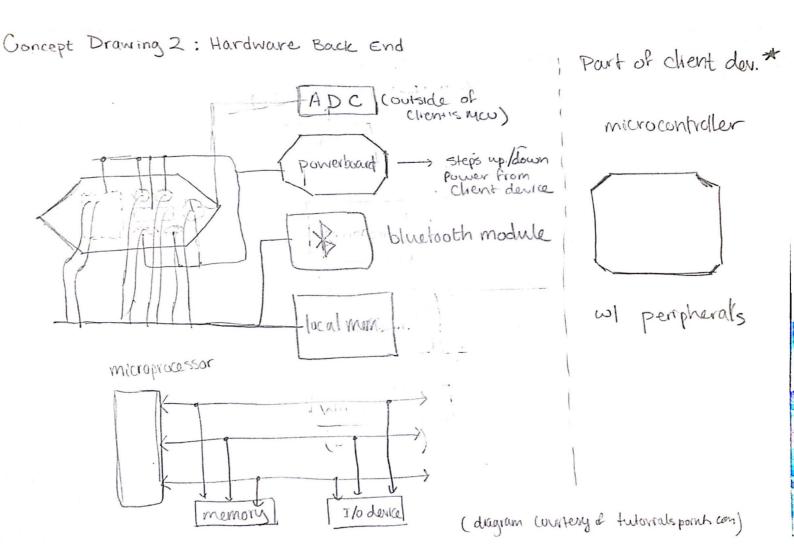


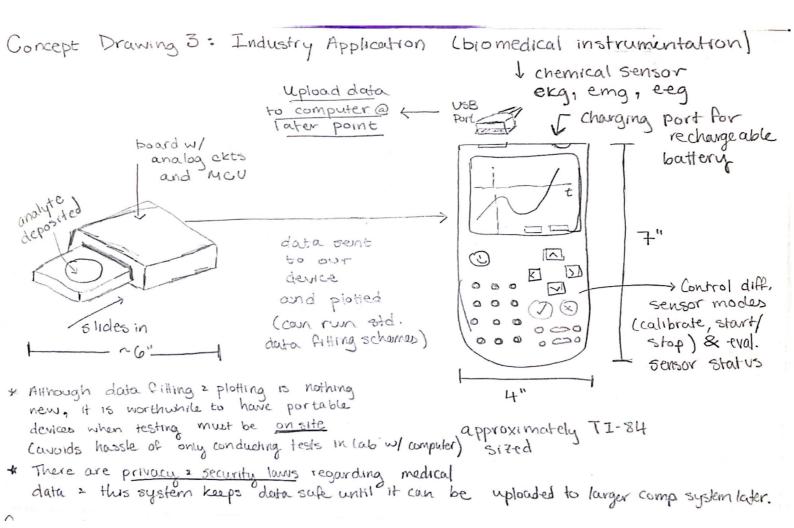
Hardware Front End

Various physical UI components Embedded into a distinctly Shaped enclosure

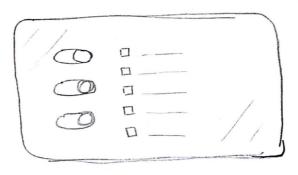


Some Black Box Device created by Client (3036 MCU?)





Concept Drawing 4: Touch Screen UI

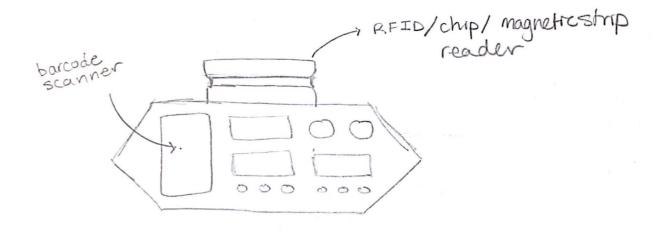


- phone sized (3"x6")
- o all toggles are touch screen
- hardware back end is roughly the same as drawing #2

Concept Drawing 5: Console to insert phone/tablet w/ App interface (children's toys apps) larger/friendly looking Buttons (shapes, textures) functions only as display (no need to use touch displau NOT included bluetooth braille? > joystick · Console hardware must interface w/ popular phones/tablets · Consde receives data from app & button function shifts dep. on the game * could function as · like nintendo switch? educational tool · works w/ voulous apps: · Could have applications for differently added (blind, autism)

Concept Drawing G: Industry Application (control automatically (industrial/large scale robotics) or manually Robotic Surgery ex. · novel feature compared to prev. drawings: positioning for surgical arm Control System developed by Chent * rough & fine control of position but interfaces w/ our panel & touch screen + tactile controls 10 00000 D start up = mantenance display (-

Concept Drawing 7: Accepts Payment/Identity Info



- · Ticketing @ public trainsportation
- o Vending Machine
- o Ticketing @ events
- o collecting emironmental data on tagged openes locations

Concept Drawing 8: Monitoring ~ Network of environmental sensors

Systems One might want to monitor

1. Plumbing of building

2. Municipal Water

3. electrical systems (w/1 building, generation)

4. environmental data (picssure, humidity, seismic, soil, comera traps)

* Forests

0 Peod 2 Collect Data From (entral Point (local mem)

0 use UI to troubleshoot locality that are down

1. Could Also wirelessly transmit data to analysis tool (Power 8I) >

1. Transmit back to panel

