

FRONT VIEW

opens hand

actuator strips on front to measure distance

velco straps or bands on each finger

pulls this way

plugs to the wall

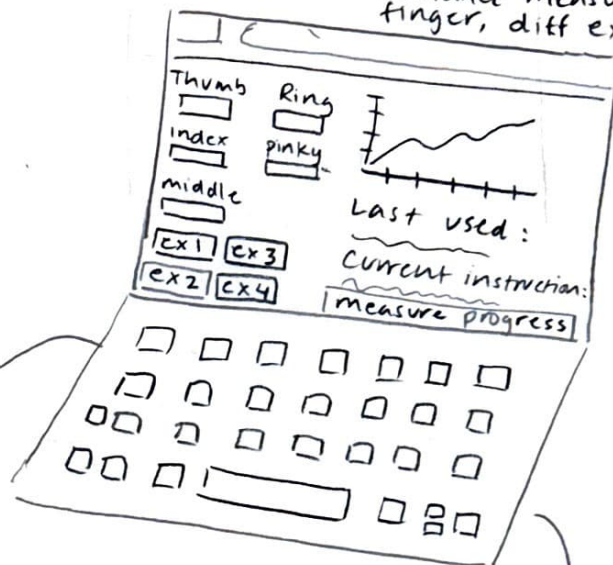
velco strap/band

includes servo motor

power button

Bread board with LED + other components for servo

website includes distance measured for each finger, diff exercises, measure progress, current routine assigned by physical therapist, etc.



saves to the cloud

BACK VIEW

- Attaches the same way as front view

closes hand

pulls this way



actuator strips
attached using
double-sided
3M VHB tape/Velcro
Placed first to
be underneath
strings.

considering glove
design for easier +
quicker user assemble

3D printed
box for palm
feeding the string
for better range
of motion
so hand can
curl / clench

another
servo
motor for
back side of hand