



THE
FUTURE
IS
HERE



THE FILEDIAL FOR ASUS IS A WASTE MANAGEMENT SYSTEM FOR THE HEAPS OF FILES WE, THE ART PRODUCING, MEDIA CONSUMING GEN Z LET CLUTTER UP AND SLOW DOWN OUR PERSONAL COMPUTERS.



WITH TWO DIFFERENT SOFTWARE MODES, THE FILEDIAL AIMS TO INCREASE THE LIFE OF YOUR COMPUTER BY KEEPING ITS HARD DRIVE CLEAN AND ORGANIZED.



https://youtu.be/TOVLcd_4ZIU

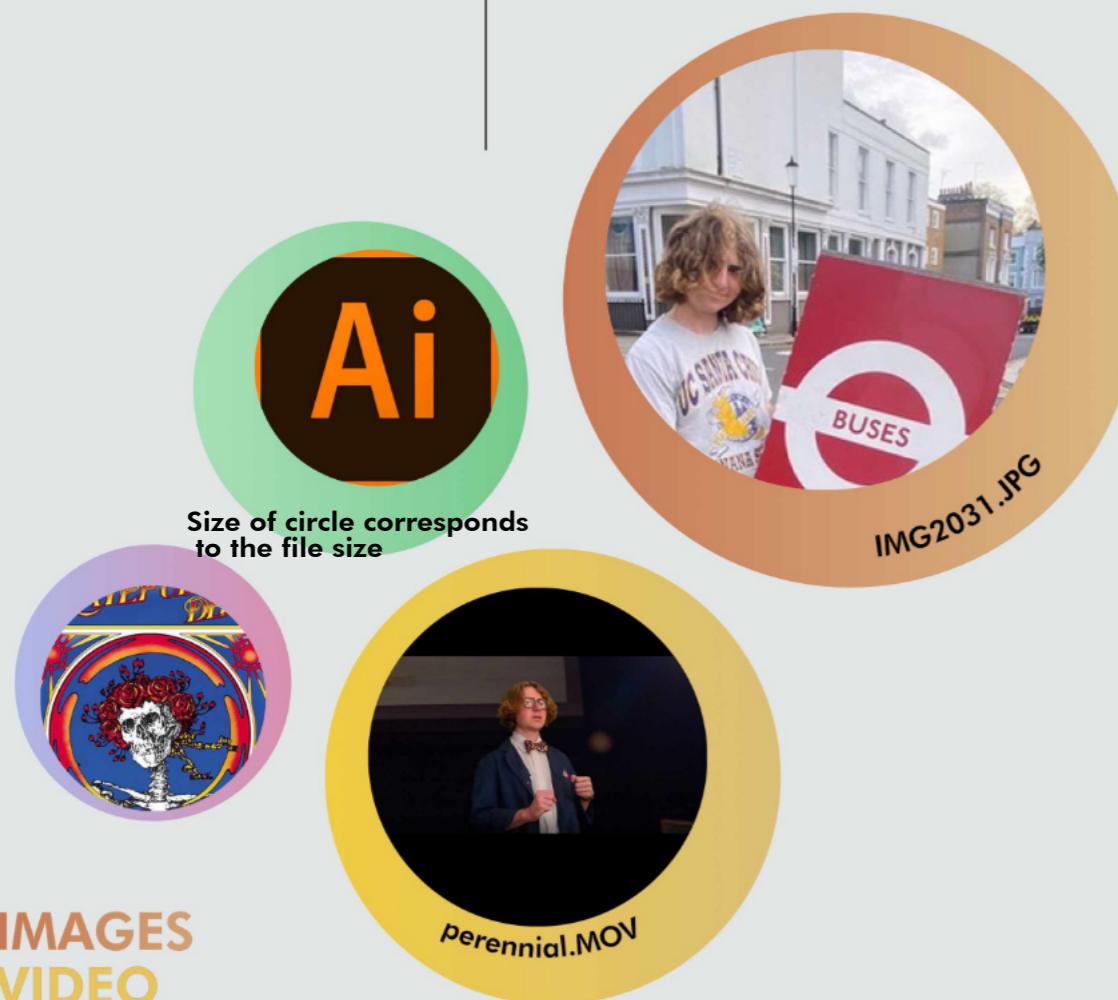
THE FIRST SOFTWARE MODE, **BROWSE**, IS A FASTER ALTERNATIVE TO THE TRADITIONAL FILE BROWSER



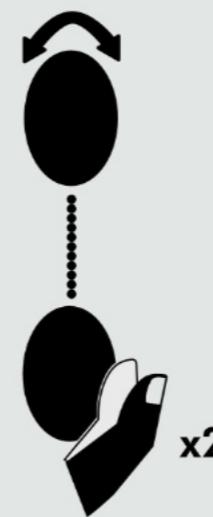
"BROWSE" GRAPHICAL INTERFACE

THE RINGS REPRESENT "FOLDERS"

THE COLORS ON THE RINGS ARE THE COMPUTER FILES
WHERE EACH COLOR REPRESENTS A DIFFERENT FILE TYPE



1. scroll through folders



2. open folder



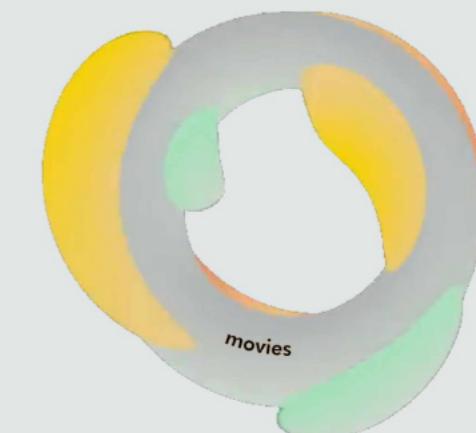
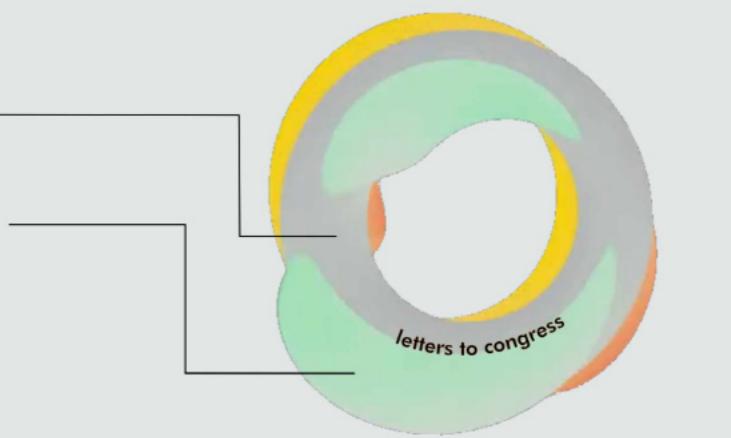
3. explore the folders files



4. manipulate the file as needed

See technical package
for gestures

5. exit!



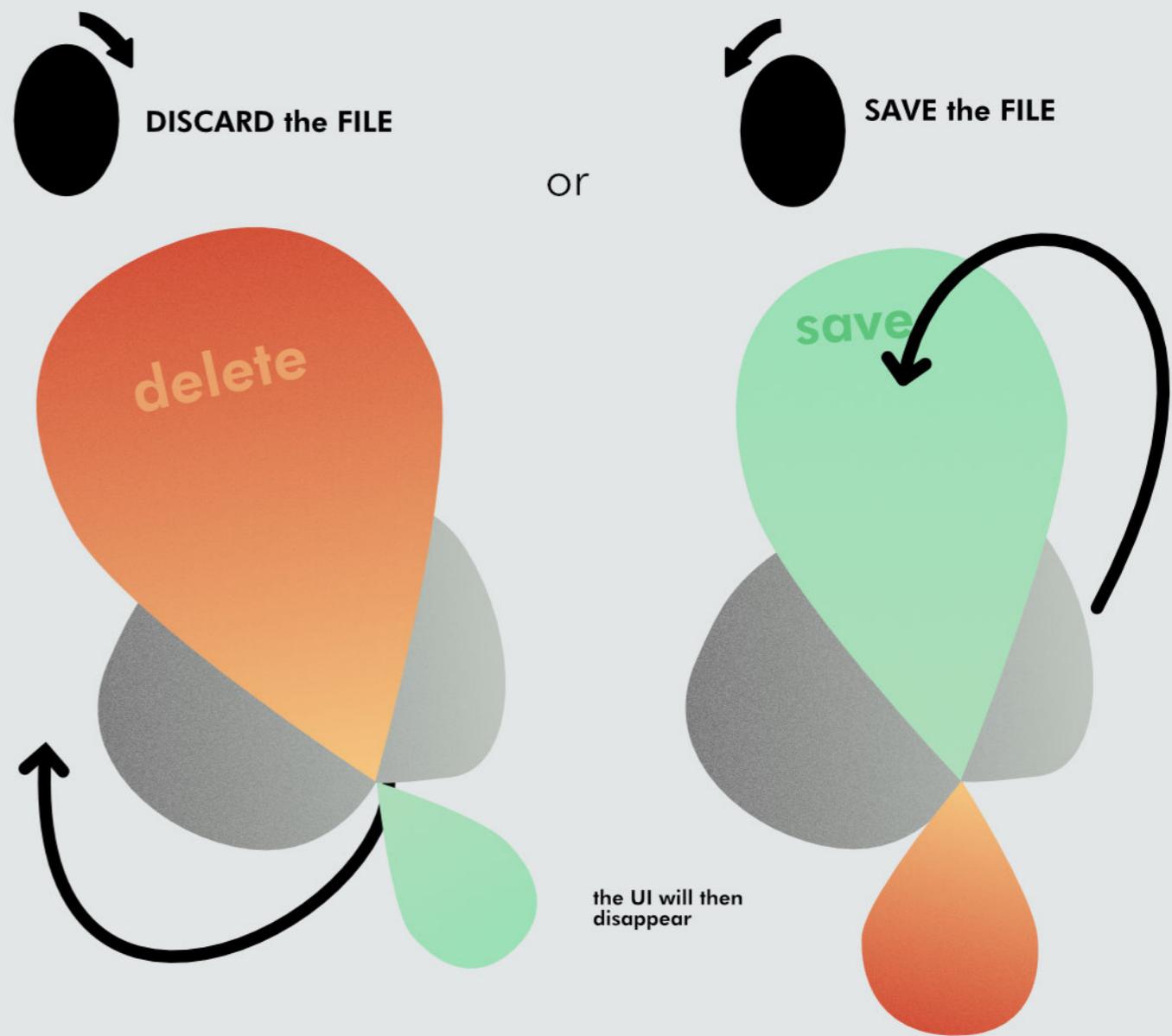
"REMINDER" GRAPHICAL INTERFACE

1.

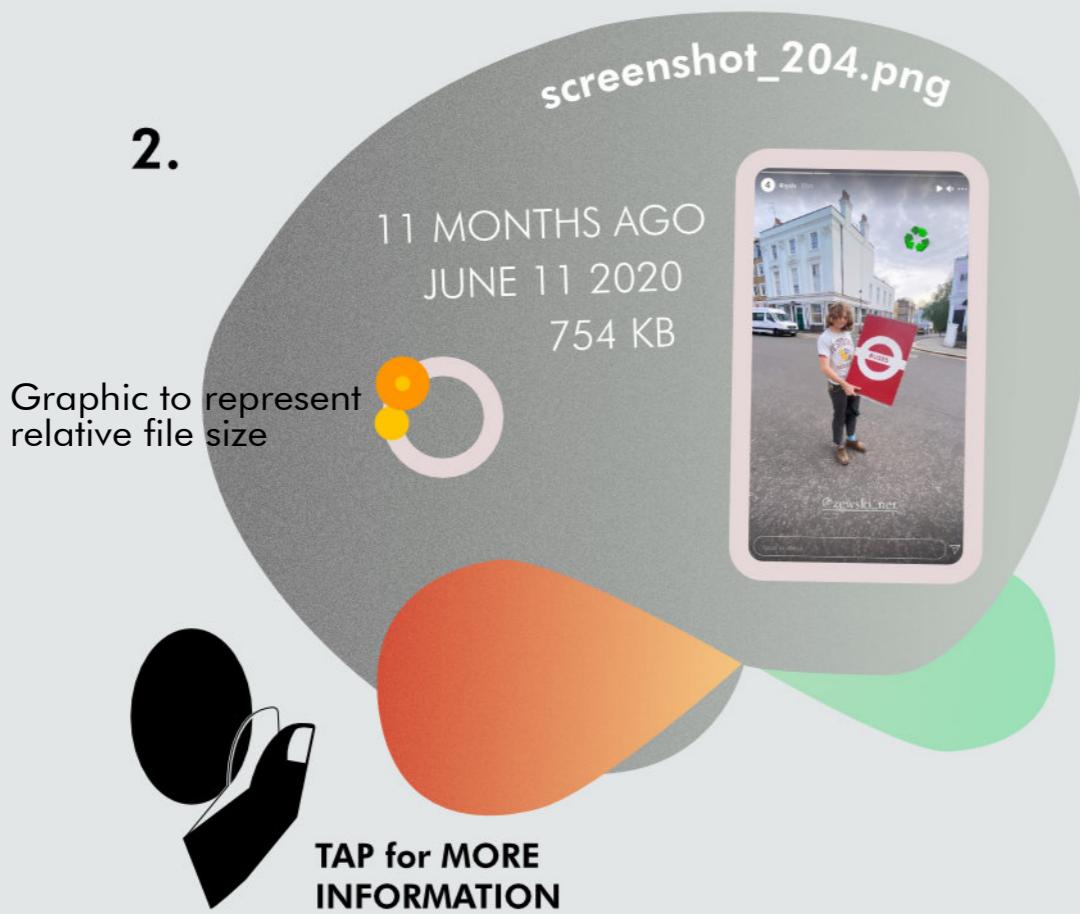


While leisurely using the computer, you will get small reminders of files downloaded long ago and will get the option of keeping or getting rid of them to save space on your computer.

3.

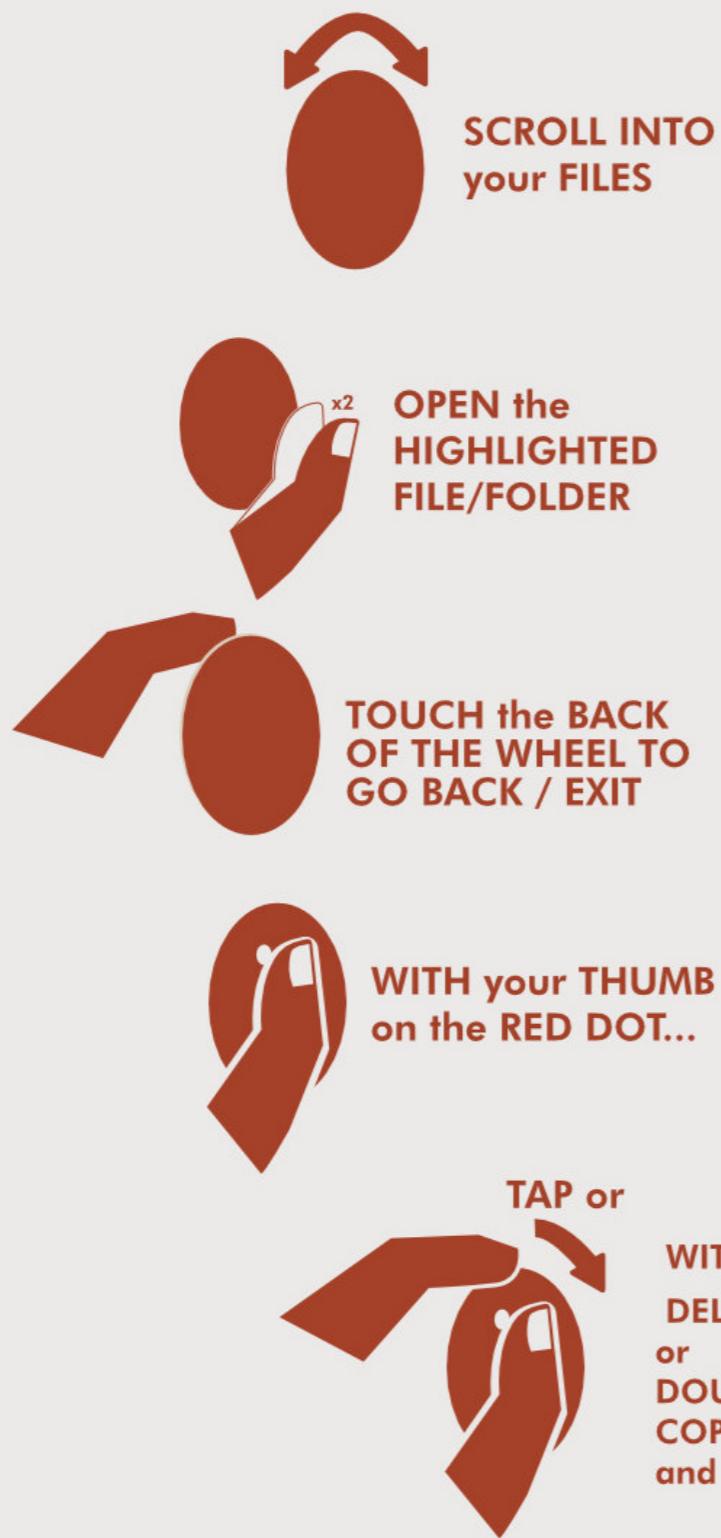


2.

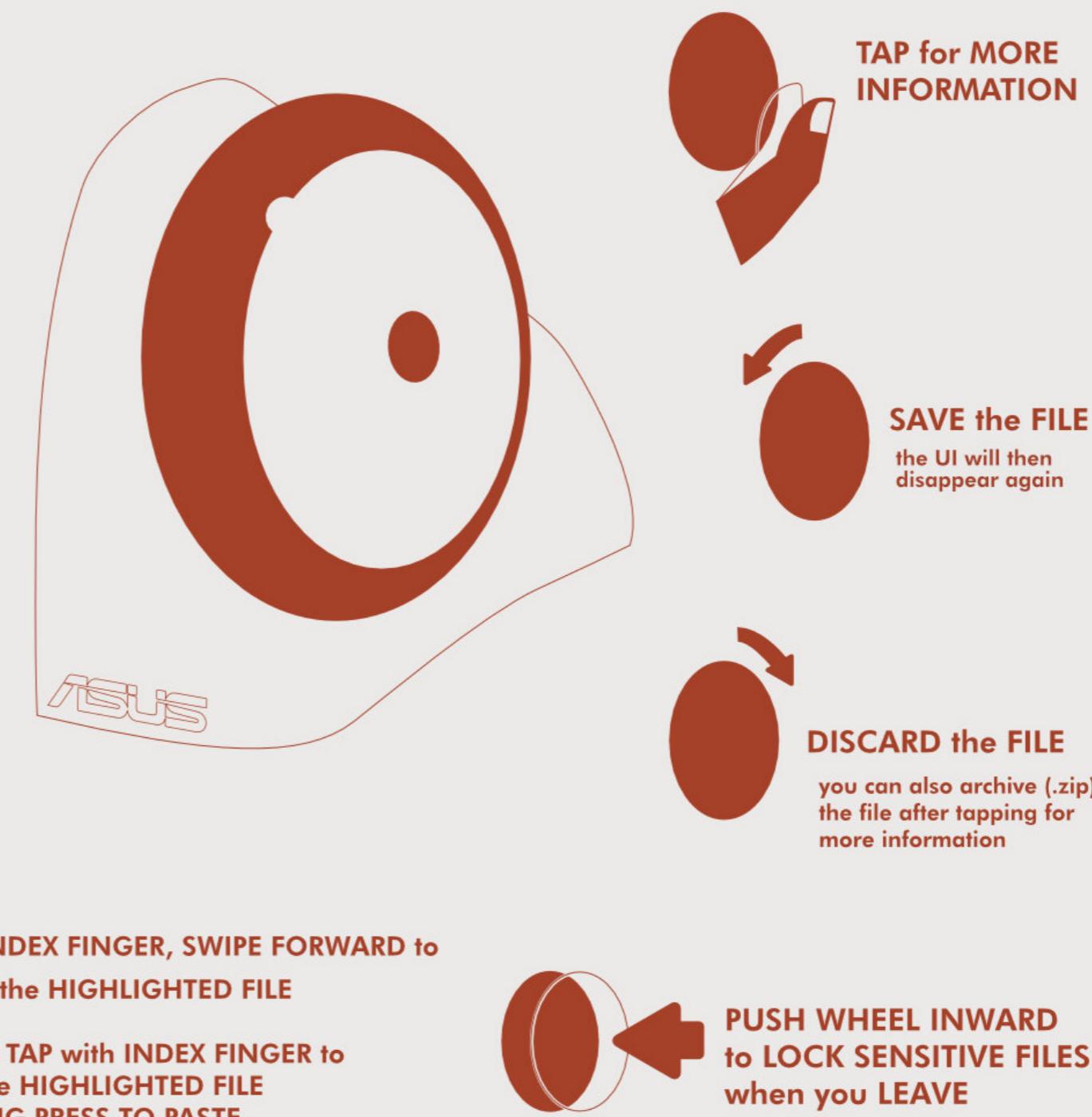


GESTURES

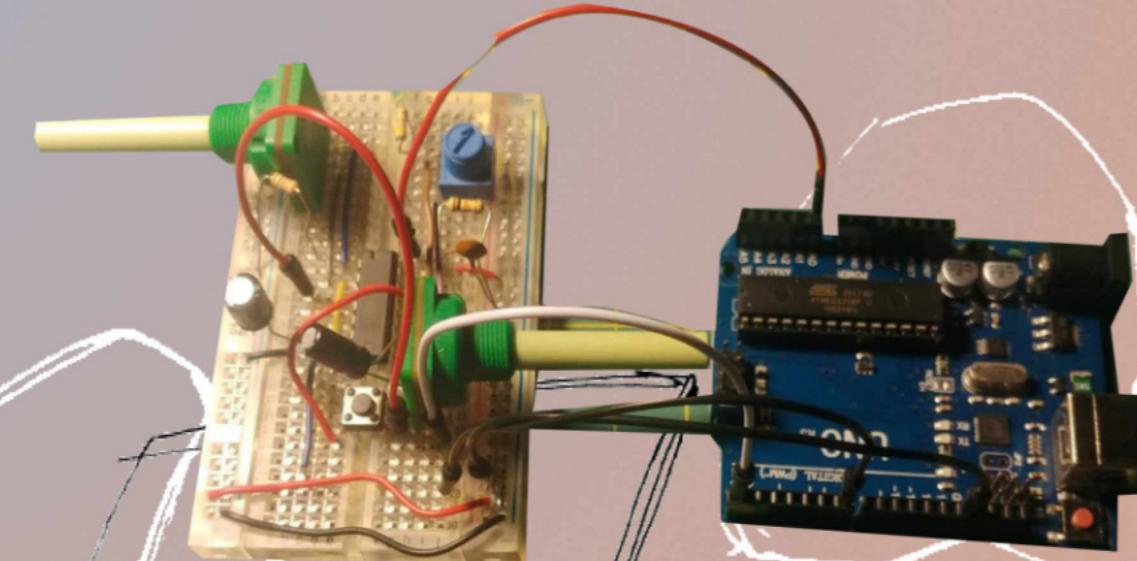
BROWSE MODE



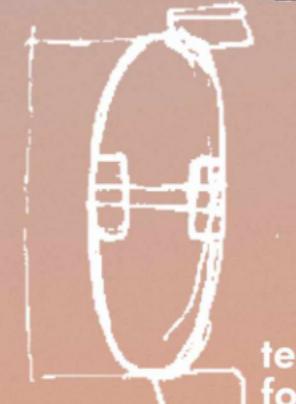
REMINDER MODE



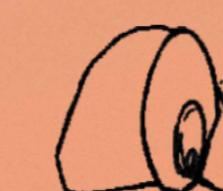
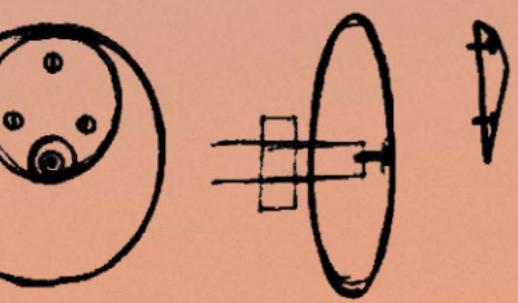
DEVELOPMENT



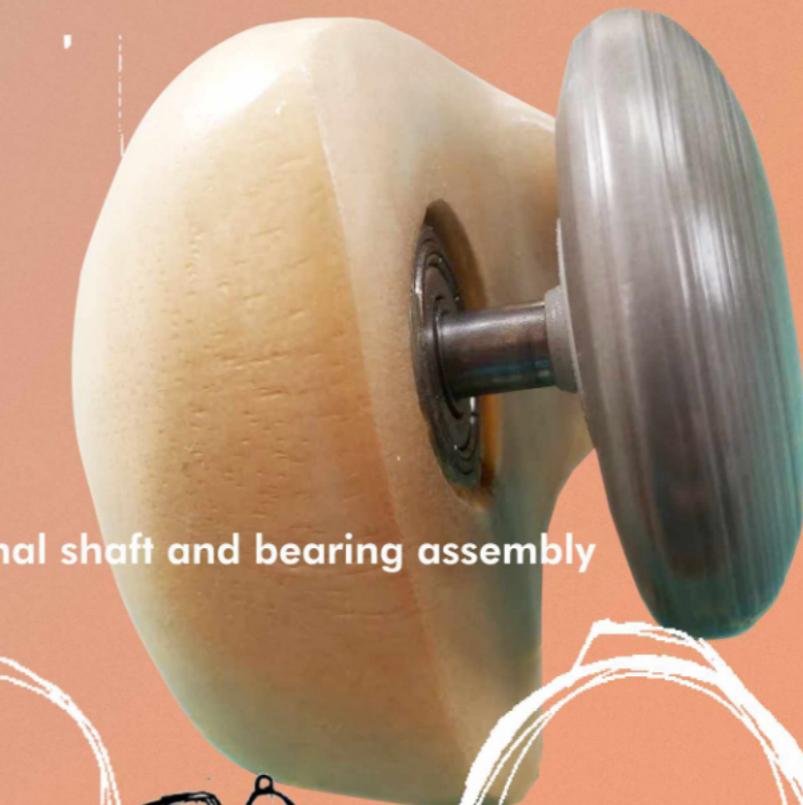
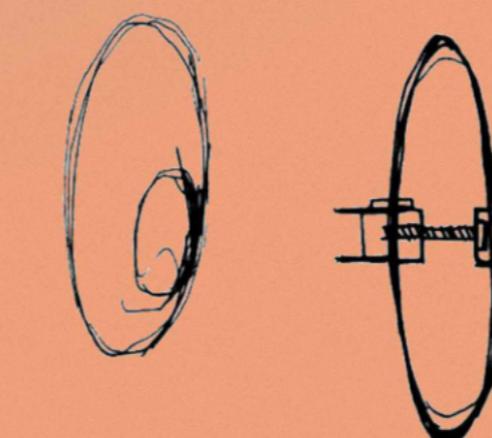
An Arduino experiment to test out moving through the standard windows browser with two knobs. One knob controlled the y axis and the other the x. This allowed me to see if adding a dimension to file browsing was feasible. This also allowed me to see what other applications a scrolling knob was useful for, such as volume controls and color wheels in creative programs.



technical sketch
for the model making
process



early form sketches



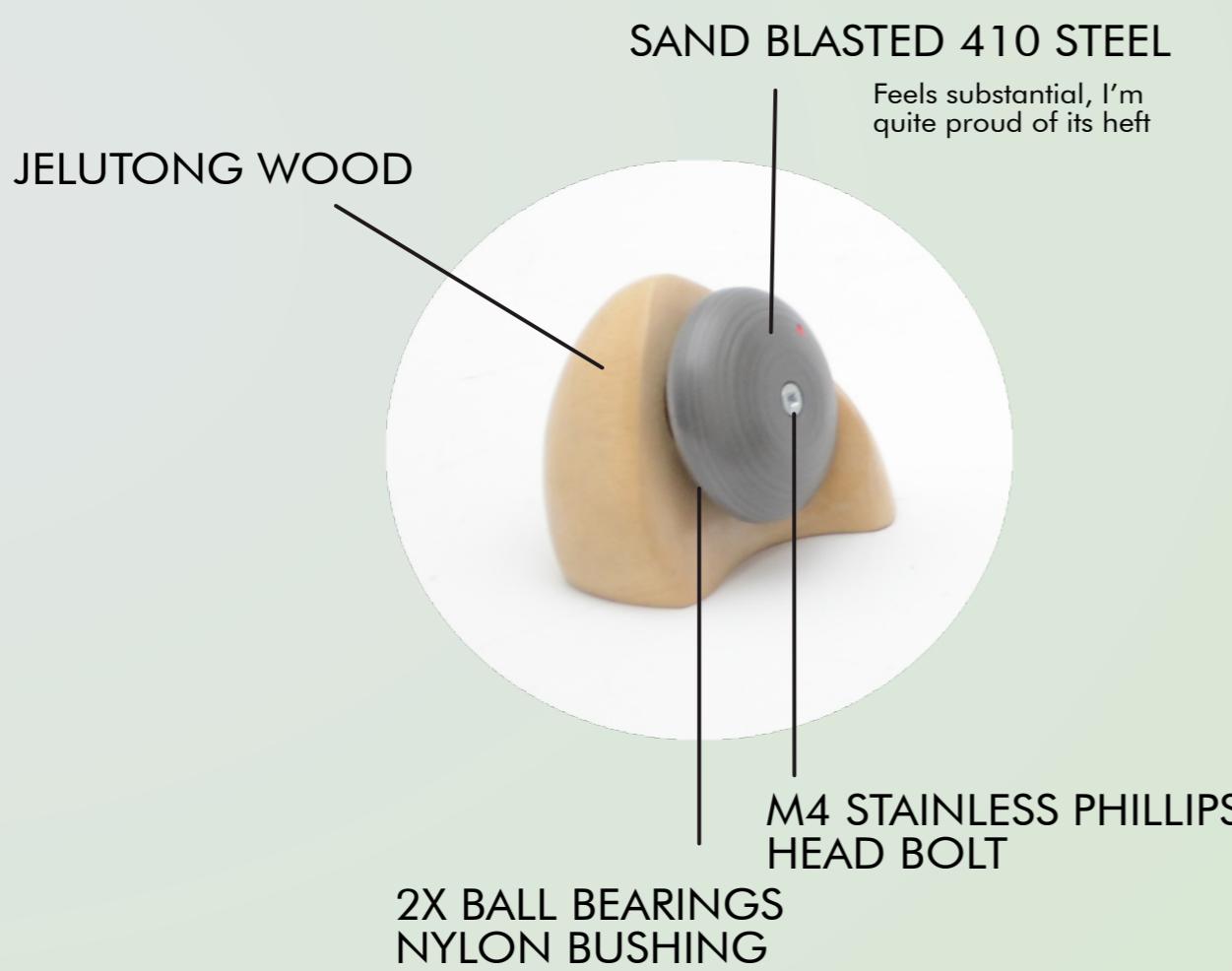
internal shaft and bearing assembly



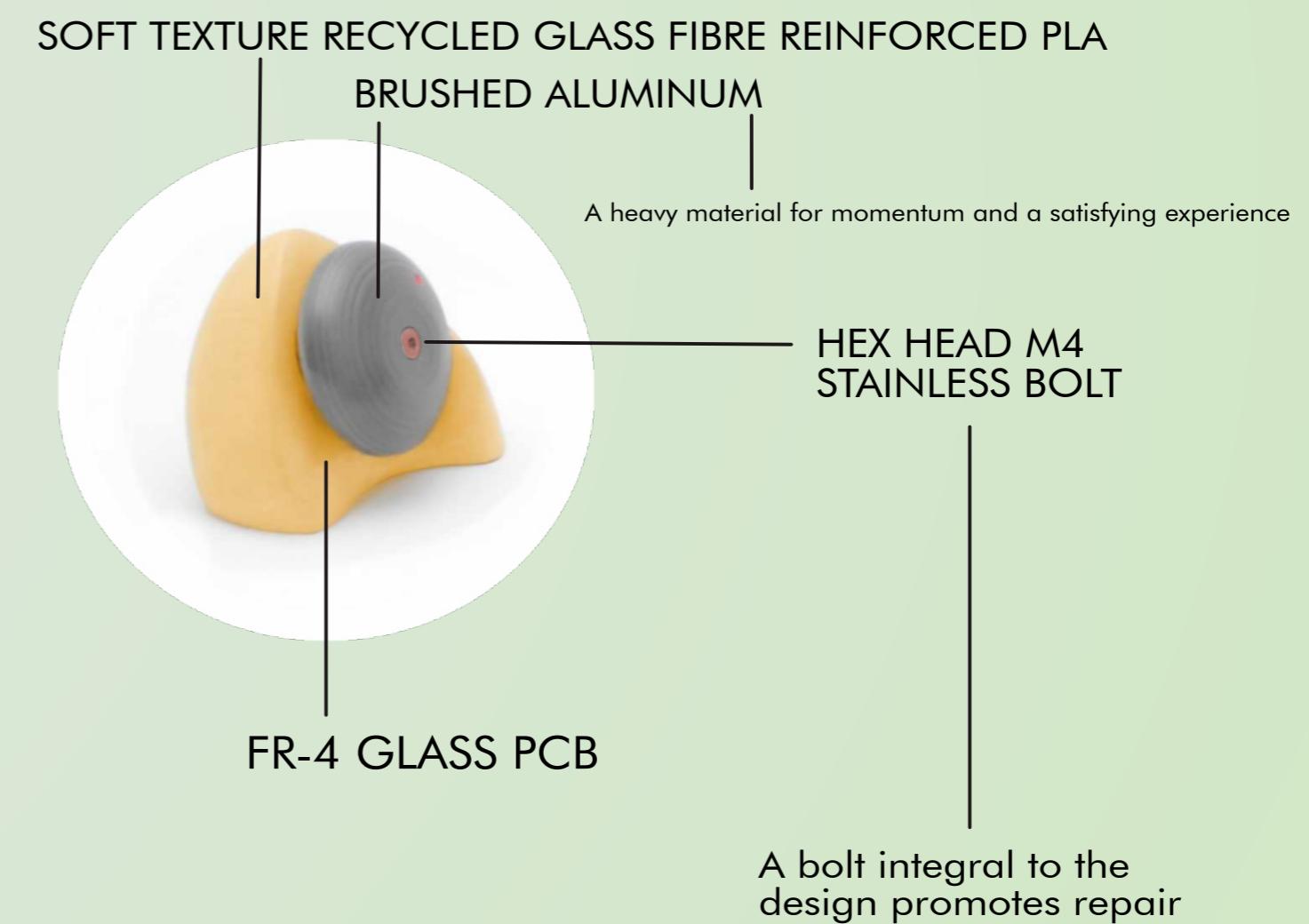
TECHNICAL DETAILS

MATERIALS

MODEL



FINAL PRODUCT



Ethical Statement

Sustainability was the foremost inspiration for this project. My response to the design brief; what does Gen Z want from a laptop in the near future, was to design a solution for the decreasing longevity of consumer electronics. The lifespan of most modern computerized electronics is far too short, a smartphone may only last 5 years before it is obsolete and a laptop only slightly longer than that. This is an incredibly serious problem as computation nears ubiquity due to the complexity of recycling, little interest in repairability, and numerous other concerns that appear every day.

I knew I wanted to tackle this problem from a data storage angle as its something I am passionate about. My initial designs were methods of recycling older laptops to create a peer to peer storage network. This I thought would give an option for those wanting to separate themselves from cloud storage and the ethical and security issues that surround it. I couldnt however realize this into a product that I was happy with, but continued with the idea of data management. This lead me to the computer file insight: Creatives dont have a convenient way of cleaning up their computers harddrive. After a few years of using a laptop, those that I interviewed said that their computers performance begins to suffer from a lack of storage and RAM burdened by clutter. The FileDial is my rather conceptual attempt at giving users a simple way of deleting the files they dont need anymore, and thus extending the life of their expensive devices.

More than anything, I, a laptop using GEN Zer, want a product that helps me consume less. Maybe I've been blinded by environmentalism, but I dont want a folding, 30 screen laptop or a pocket sized projector equiped modular super computer if its going to be just another hunk of unrecyclable, unrepairable, plastic in a landfill.