brainstorming ideas
-New type of door handle
-heated windshield wipers
- App for better communication with others using emotions
-attachable back support on chairs
-Desk with potted plant
-Desk with charger in it

https://www.amazon.com/HV-F2056-15-6-17-Laptop-Cooler-Cooling/dp/B00NNMB3KS/ref=sr_1_3_sspa?dchild=1&keywords=lap+desk+with+fan&qid=1602074149&sr=8-3-spons&psc=1&spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUEyN0JGT0ZBMVBYS0VJJmVuY3J5cHRlZElkPUEwODI5MzA2M0pFWDY4WkU0MEJNNCZlbmNyeXB0ZWRBZElkPUEwNjc3NTUzMVEzTzM2MEJGWkdGTyZ3aWRnZXROYW1lPXNwX2F0ZiZhY3Rpb249Y2xpY2tSZWRpcmVjdCZkb05vdExvZ0NsaWNrPXRydWU=

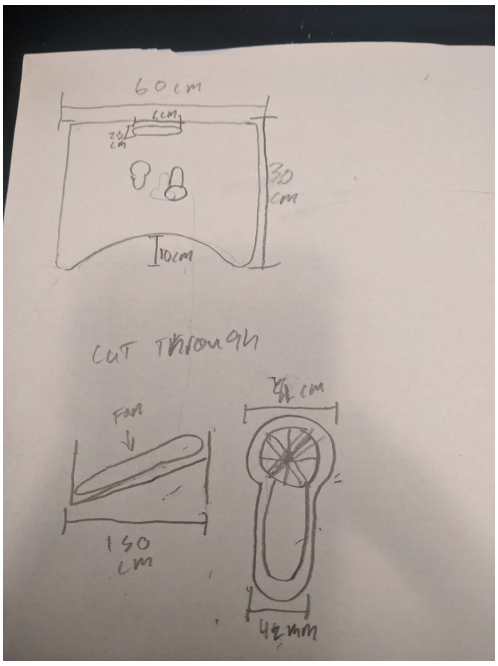
Key Takeaways:

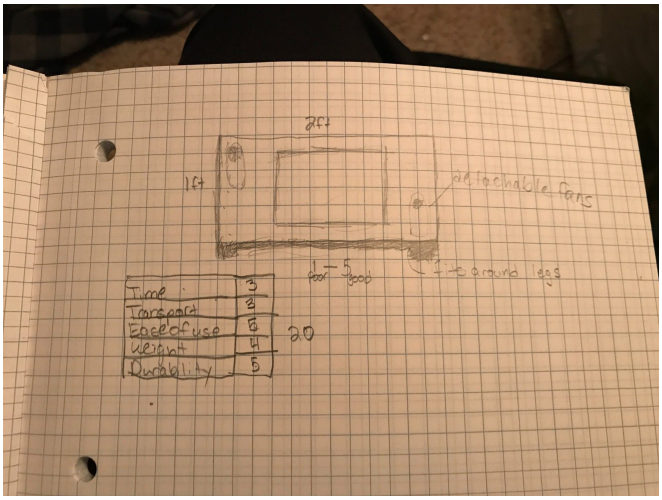
- It's plastic and not wood
- Three fans
- USB port
- On-off switch
-

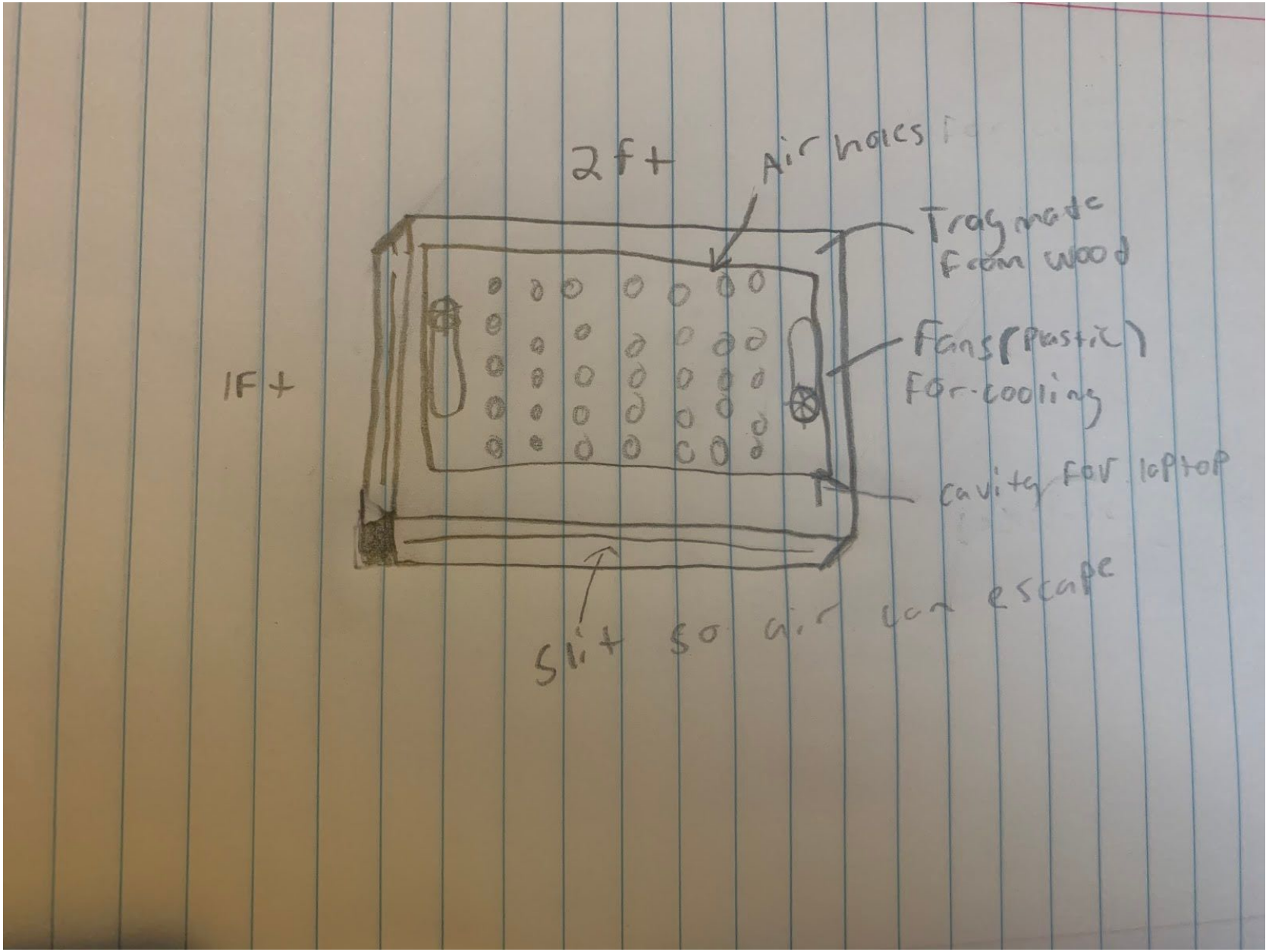
Project Statement:
Laptop tray fully equipped with the best air circulation to ensure no overheating.

Cost of fans: $15.40
Cost of wood: $13.98
Time to get the fans: November 12th
Time to get and make wood: january

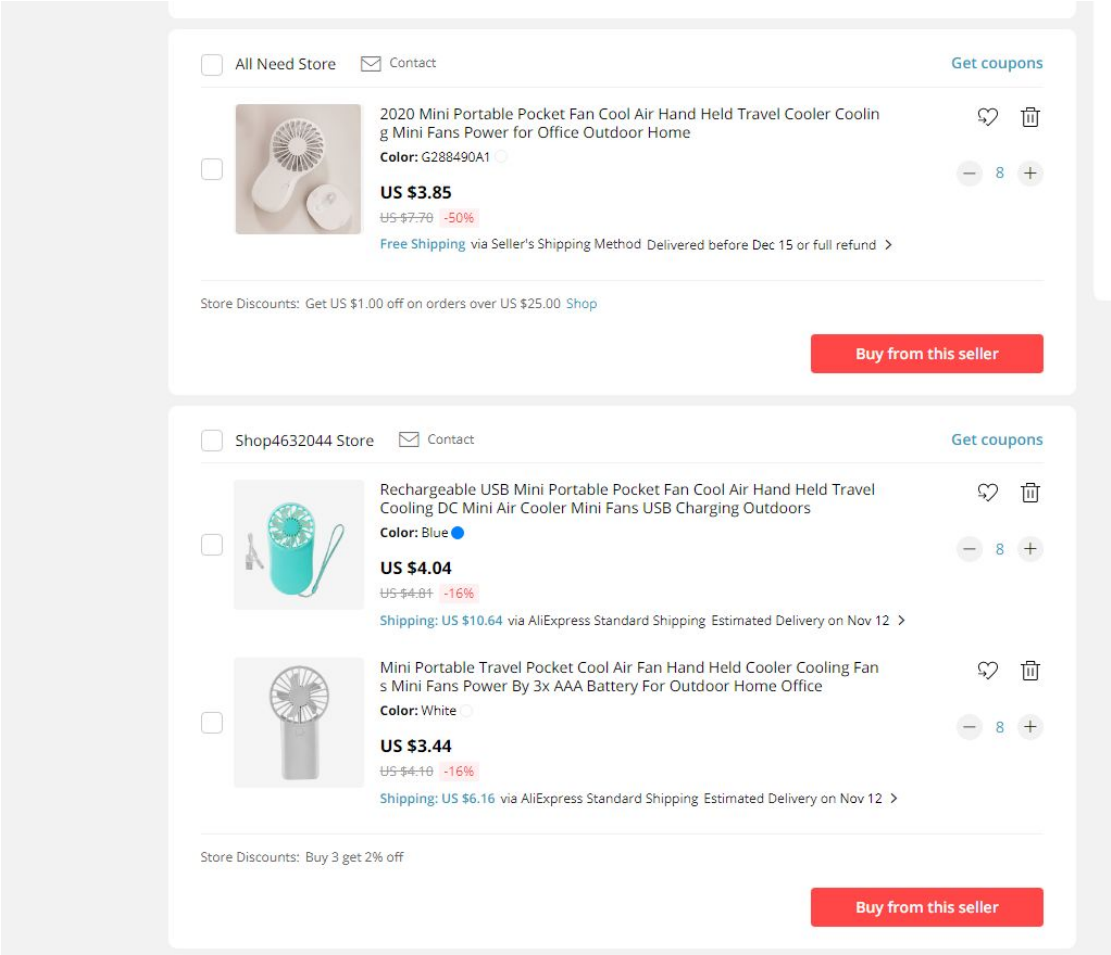
Sketches: Bryan, Paul


60cm
6cm
30 cm
10cm
CUT THROUGH
FAN
150 cm
42mm


2ft
1ft
detachable fans
1 — 5
poor good
fits around legs
Time 3
Transport 3
Ease of use 5
Weight 4
Durability 5
20


2ft
Air holes
Tragmate foam wood
Fans (plastic) for cooling
cavity for laptop
1ft
slit so air can escape

Fans:



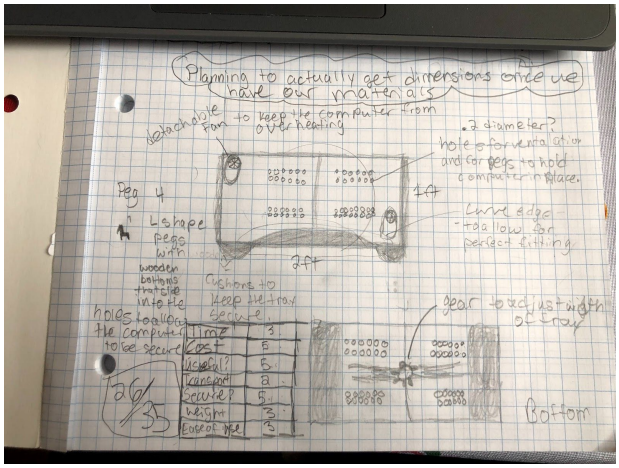
https://www.aliexpress.com/item/33013559181.html?spm=a2g0o.cart.0.0.7ea13c00DQFeCF&mp=1
https://www.aliexpress.com/item/4001080310707.html?spm=a2g0o.cart.0.0.7ea13c00DQFeCF&mp=1

Adjustable width of tray so it's easily transportable
Two halves- split in two with bars underneath to expand and close

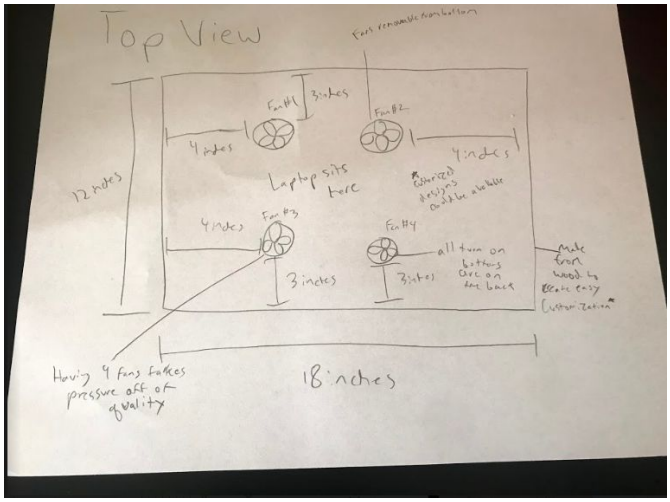
Wood

Final Sketches:

Bryan

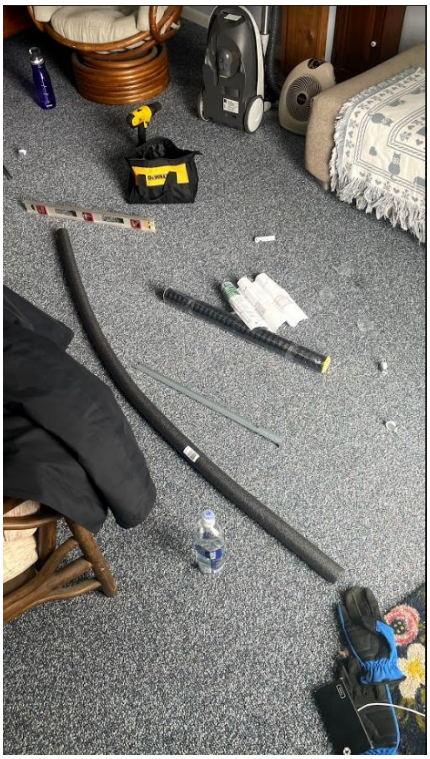


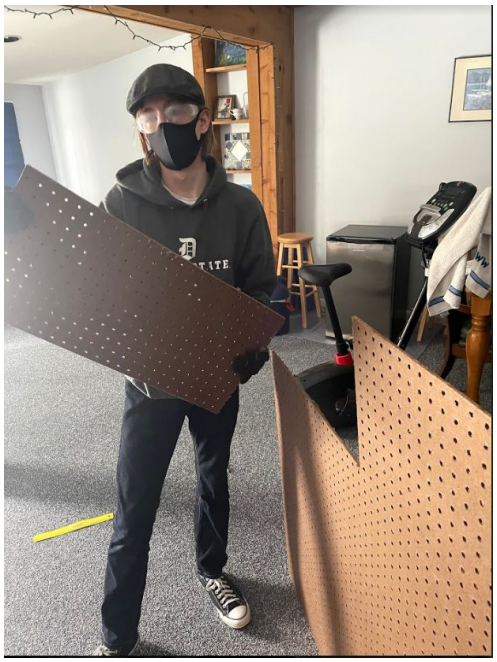
Judah:



Started working on January 13th 2021

- We had the materials we thought we would only need but after constructing the model we realized that we had grabbed the wrong drawer slides. We were not able to construct another model due to limited amount of time when transporting the other drawer slides.





DRI-FIT