

Daniel Kim

Team member:

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Device:

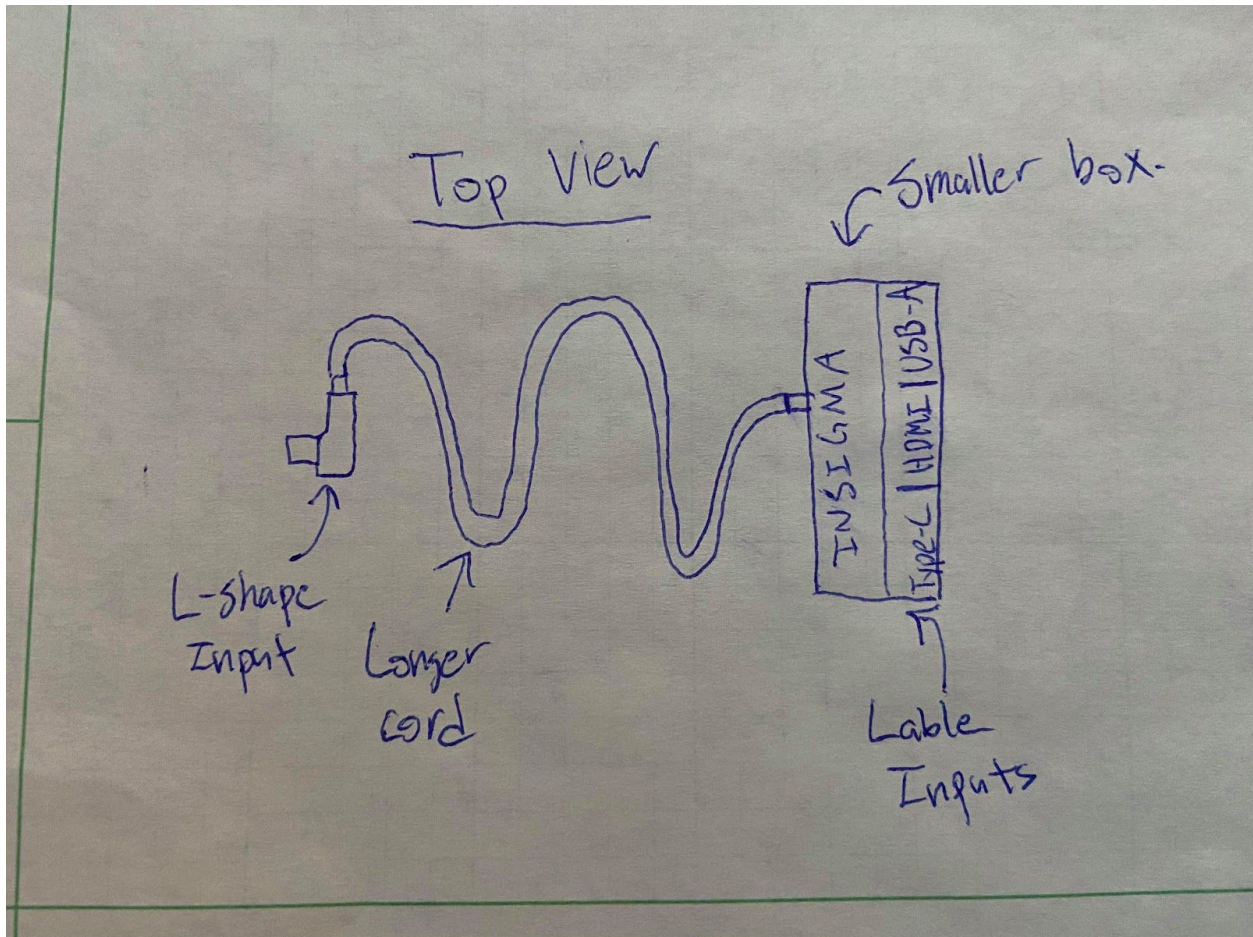
- Dongle Adapter



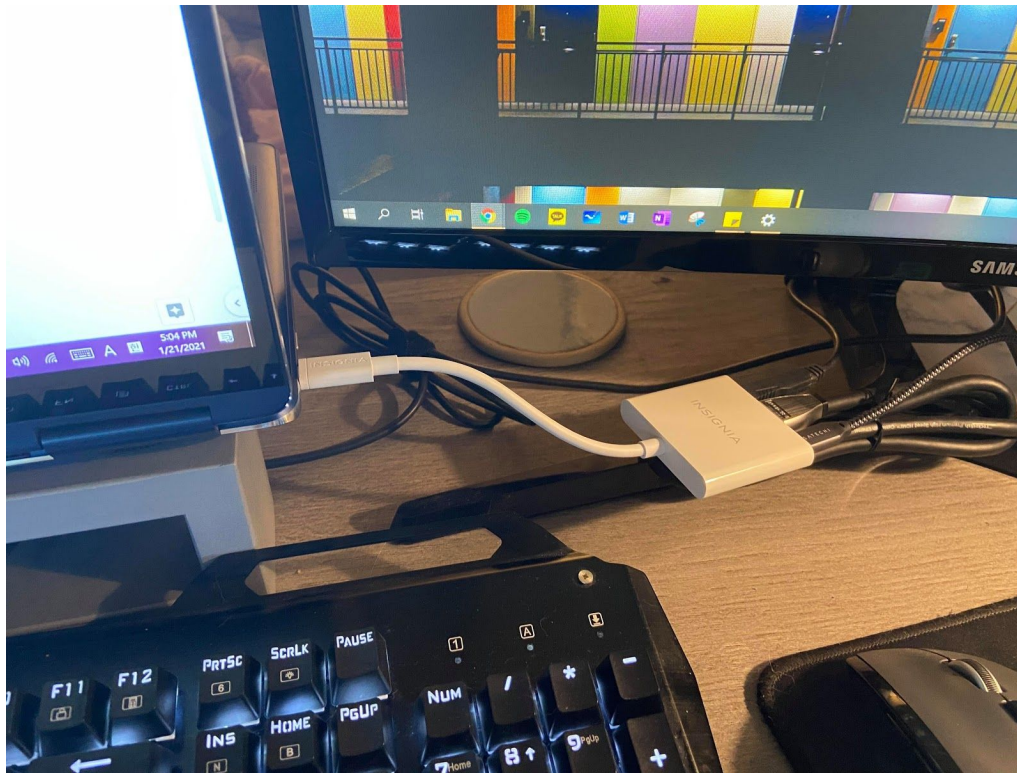
Solution Ideas:

- Daniel
 - Make the cord longer
 - Labels or symbols for types of input such as USB, HDMI, etc.
 - Smaller box for the input
 - L-Shape/90 degree USB Type C
- Cole:
 - More inputs/capability (be able to charge phone while using other USB ports for other tasks)
 - Improve durability (add magnet to increase strength/make insert port removable)

Daniel's Sketch:



Proposed Solution:



This is my dongle adapter for my computer set up at home. I noticed that there are quite a few problems with the dongle. To begin, since the dongle is floating off from my laptop stand, I always worry that the USB type - C that goes in my laptop might break if I accidentally push down the dongle. I came up with the idea of having the USB type - C input into L-shape / 90 degrees for stronger durability and to prevent snapping it in half. As you can see from above, because the cord of the dongle is short, it's hard to manage the rest of the cables. I thought having a longer cord will solve this problem. I had the idea of having a smaller box for other inputs because the box is obnoxiously big. In addition, since there are no labels of the inputs, I always had to look directly at the hole to see where the input needs to be plugged in. Having the labels / symbols on the top will help me figure out where exactly to plug in the inputs.

Feedbacks:

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- Name: Alex Lam
- Feedback: "I liked the idea how there's a L-shape input which makes the dongle more stable. I also think that there should be more inputs instead of having just 3 inputs."
- If I would change anything from the feedback, I would include more inputs just like what Alex said.

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- Name: Thorn Lin
- Feedback: "I have my own mac set up with a monitor and I always have a problem with my dongle (different than yours) because they're simply too short. I appreciate the idea about making the cord longer. If I had to give you a suggestion, it would be nice to have more inputs such as the SD card since I do photoshoots as a hobby."
- Seems like people want more inputs so I would include them based on her feedback.