PROMETHEUS MONTHLY PROGRESS REPORT
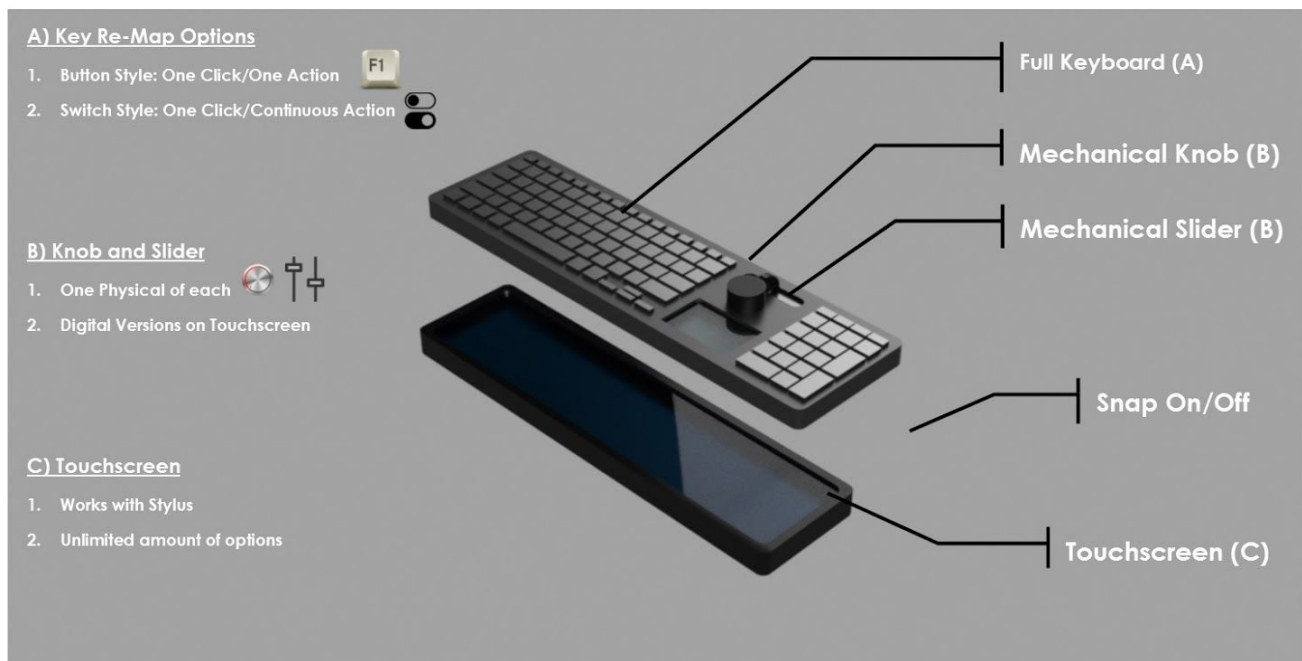
MONTH OF July 2017

Conclusion of Rev Hardware Accelerator

As the summer comes to an end, so does the Rev Hardware Accelerator Program. Currently, the Prometheus team has been rapid prototyping to prepare for Demo Day, marking the end of the accelerator program. On August 10th, the team will be pitching their idea to a group of venture capitalists, Ithaca residents, college students, entrepreneurs, and investors. At the event will also be various prototypes that the team has been working on all summer. To attend Demo Day in Ithaca NY on August 10th, check out the link under "Quick Highlights" to RSVP for free.

PROTOTYPING

During the past few weeks, the Prometheus team has focused on developing the technology behind the switches and how they interact with the touchscreen. Pictured is the render of the design and the first design of the physical product. From the render below, it can be seen that there is a removable mechanical keyboard which can be connected to a touchscreen. On the touchscreen users can add and customize digital keys as they see fit. In addition to the classic keys, the mechanical attachment features unique buttons allowing users to attain more control over their work.

A) Key Re-Map Options
1. Button Style: One Click/One Action
2. Switch Style: One Click/Continuous Action

B) Knob and Slider
1. One Physical of each
2. Digital Versions on Touchscreen

C) Touchscreen
1. Works with Stylus
2. Unlimited amount of options

Full Keyboard (A)

Mechanical Knob (B)

Mechanical Slider (B)

Snap On/Off

Touchscreen (C)

QUICK HIGHLIGHTS

- Sign up for Demo Day https://www.eventbrite.com/e/networkingrev-hardware-demo-day-tickets-35642921939
- Read about us
  http://revithaca.com/rev-hardware-accelerator-team-liberates-design-with-customizable-keyboards/
- ASK: If you know any software developers specializing in GUI design feel free to share our information

For any other questions or comments, feel free to contact jt665@cornell.edu