

20170111 Meeting

- 11.30 AM Central Library Study Room B
- Recorder: Burgess Xu Wang
- Absence: Mariam
- Summarizing progress so far:
 1. PCB: References found on the web. Useful IP found on the Circuitmaker software's IP category.
 2. CAD and packaging: Initial design obtained. It is good for Demonstration and 3Dprinting. But detailed adjustment needs to be done to perfectly fit our circuit.
 3. Microcontroller and software: research done. We shall use Teensy microcontroller. And we are waiting for the Circuit to be connected and then we can programme the controller and software and do testing.
 4. Component purchase: no component was purchased during the winter, since we need to make orders via our department system, which is yet to open.
 5. Manufacturing: we have found way to manufacture (3D print) the keycaps.
 6. Interim report: good start has been made based on LaTeX format.
 7. Online survey: spread out.
- Works to do before next meeting:
 1. **PCB** would be great to finish initial design before next week. And that should be fit for Cherry MX keys and Teensy Controller peripheral.
 2. **CAD and packaging**: the case waits for PCB.
 3. **Microcontroller and software**: wait for the circuit board to be complete.

PCB→Components→Hardware→Programming→Packaging

 4. **Component purchase**: we really need to order components. We will consult Dr. Perea about it.
 5. **Manufacturing**: we shall try to 3D print the key caps.
 6. **Interim report and website**: Interim report waiting for the guideline lecture. And Xav is willing to build up the website.
- Burgess shall make a group appointment with Ed Stott next week for discussing the progress so far.
- Meeting finished @12.30.