WEEKLY REPORT and MEETING AGENDA

Report #: 6 Project Name: MIKey
Date: 11/9 Prepared by: Team MIKey

Agenda for the meeting

1. Accomplishments since last meeting, including:
   a. Ordered PCB (should arrive by Friday)
   b. Software progress for interrupts + output to computer
2. Overall team sync/updates
   a. IRB status
   b. PCB backup (yes/no?)
3. Issues/roadblocks/queries
4. Plans moving forward

Overall accomplishments since last meeting

1. PCB ordered – should be delivered to Brittany by Friday
2. Progress made on software integration with prototype board and LCD displays

Tasks completed by each team member since last meeting

Task description	Assigned to	Completed?
PCB design finalized	Brittany, Andrew, Connie	Yes
PCB order placed	Brittany	Yes
Software with prototype and LCD displays	Jackson, Max, Abhishek	Yes
Hardware interrupt	Jackson, Max, Abhishek	Yes

Plans for next period

1. Solder switches onto PCB
2. Put together preliminary components of software + PCB
3. Finalize 3d printed housing model
4. Set up user testing and validation

Task assignment per team member (to be completed before the next meeting)

Task description	Assigned to
Finalize Pi software	Jackson, Max, Abhishek
3D modeling and printing of external housing	Andrew, Connie

IRB/user testing updates	Brittany
Soldering parts to PCB	Andrew
Sending MENA over UART	Jackson, Max, Abhishek

Project management status

1. Team has closed out sprint 3, currently in sprint 4
2. Hardware team will be waiting for PCB to arrive, in transit
3. Software team will be finalizing interrupts + output to computer
4. Remainder of sprint 4 will be focused on assembly and testing
5. IRB still pending approval
6. 87% of software tasks are completed, 100% have been started
7. All but 3 tasks have been started for hardware, all are assembly tasks

Minutes from previous meeting

11/2 Meeting Minutes

- PCB prototype demonstration
    - Braille keycaps? For multiple users
- Some roadblocks for C++ support on R-Pi when trying to communicate interrupts across PICO
- LCDs working on R-Pi (all three suggestions displayed for user on LCD)
- Decoder circuit works with inverters, pulling low fixed
- External housing measurements
- Things look good ☺