Week 8 Progress Report
Freely Adjustable and Accessible Keyboard and Mouse Pad for Client with Cerebral Palsy

Team # 6
Nolan Skop
Stephen Heussler
Work Completed

- Completed PCB Express Design
- Finished Programming of Keys
Programming Layout
Replacing Caps Lock with Shift Lock
- Toggle between layers

1\textsuperscript{st} layer:
- Lower case letters a-z
- Numbers 0-9
- Characters , . / - = ; ‘

2\textsuperscript{nd} Layer
- Upper case letters A-Z
- Characters above the numbers ! @ # $ % ^ & * ( )
- Additional characters _ + : ” ?

Both Layers contain enter, shift lock, backspace, tab, spacebar and the mouse pad keys
Completed PCB Design
Future Work

- Construct external design with current measurements
- Friday- Mansfield supply
  - rubber bottom, hinges, locking mechanism, screws
- Order PCB
Project Review

- Completed PCB design, but could not incorporate the LED circuit we hoped for
- Completed programming – save time when keyboard is assembled
- If we can have PCB by Friday or early next week Steve and I can begin assembly and testing
Hours Worked

- Nolan ~ 12 hrs
- Steve ~ 12 hrs