

Computer Input Device

Clients: Richard Kunz, Mary Sesto, PhD and Elizabeth Felton, PhD

Team Members: Steve Welch (Leader)

Andrew Bertram (Communications)

Joe Decker (BSAC)

Matt Parlato (BWIG)

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Problem Statement:

Richard Kunz has muscular dystrophy, limiting his movement severely save for slight motions in his fingers. This creates obvious difficulty when performing daily tasks, notably using a computer. A device has already been designed and built upon, but needs finalizing.

Alternatively, another design unlike the previous one can be built and tested.

Last Week's Goals

- Select 3 alternate designs for mid-semester presentation

Summary of Accomplishments

- Selected at least 3 designs for mid-semester presentation and began developing them

This Week's Goals

- Narrow choices down
- Prepare for presentation

Project Difficulties

- Finding an adequate design for cursor movement input.

Activities

- Finding touch-pad computer tablets to sample
- Working with speech software
- Looking into alternate designs for possible arm support
- Rewiring mouse for adaptation to "squeeze" pen design

Expenses

- None thus far

