

Team Name: “B ed , B ack and B eyond”

**Project Title: Accessible Power-Assist Hospital Bed Back Angle Controller**

Angela Baltz                      Chris Heintzelman

Robert MacArthur              Magdalen Obiefule

Current Status:

The team is finalizing the parts list and the construction of the joystick. We had planned to order parts before Thanksgiving but fell behind. We will begin ordering parts next week.

Work Completed:

Taken apart and experimented with a force feedback gaming joystick to aid in the design of our model

Selected actuator, microprocessor, servo motors, and clinometer

Current Work:

Individual research

- Angie is pricing joysticks
- Rob is researching and bed materials
- Chris is beginning work on programming

Putting together the PDR

Future Work:

Select joystick by the end of this week

Ordering parts

Presenting the PDR