

Team Name: “Bed, Back, and Beyond”

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

Angela Baltz Chris Heintzelman
Robert MacArthur Magdalen Obiefule

Current Status:

- The clinometer came in this week. We are trying to use the actuator given to us. But, we are looking for other actuators in case the one we have does not work.

Work Completed:

- Received the new clinometer
- Wrote code for the clinometer
- Received a bed
- Able to vary speed of servo motors that will provide feedback to the joystick

Current Work:

Individual work

- Chris is finishing up work with the clinometer
- Rob is working on our paper
- Magdalen is working on the website
- Angie is working with the servo motors

Future Work:

- Testing servo motors that will provide feedback for the motors
- Figuring out how to integrate our parts
- Varying the speed of the actuator
- Bed assembly

References/Attachments:

Summary of meeting minutes

February 6-13, 2007

- Group discusses possible parts we will need in the near future
- Magdalen begins work for website and gathers materials to work on it
- Rob begins work on the paper
- Angie shows the progress she has made with the joystick motors
- Chris discusses progress he made with the clinometer
- Group discusses potential problems and discusses future work with actuator