

Team Name: “Bed, Back and Beyond”

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

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Current Status:

- We met to decide which parts we wanted to order; if we have enough time we will try and place an order with Neva before the break. We are on track to successfully complete the preliminary requirements for our project.

Work Completed:

- Design for our joystick
 - Used concepts/design from the gaming joystick

Current Work:

- Because it is Thanksgiving break we just decided to brainstorm a couple of design ideas individually for our project while we were out of town and then meet next week to discuss a couple of our design ideas
- Finalize what type of an actuator, microprocessor, servo motors and clinometer we will need

Future Work:

- Planning a trip to a hospital and medical device company to observe power-assisted hospital beds and its respective components
- Research hospital bed materials for future fabrication
- Ordering parts
- Developing the and Presenting the PDR