

## Meeting Minutes Week 04/03/17-04/09/17

Meeting: April 3, 2017 3:30-5:30 pm in Capstone lab

### Team Meeting Discussion/Activity:

- ❖ Group purchased new materials to create connections that attach two wheels on each side of the main support bar:
  - PVC elbows
  - Wheels
  - Adjustable quick-release tow strap
- ❖ Group began testing procedures by physically measuring engineering requirements:
  - No Sharp Points
  - No Loose Ropes (Entanglement Risk)
  - Nontoxic Materials
  - No Pinch Points
  - Less than 20 parts
  - < 100 Screws and fasteners
  - Assembly spans two days
  - No Specialized Parts
  - Socket Sliders
  - Variety pack for weight bearing parts
  - Adjustable buckles
  - Weight of System < 50 pounds
  - Fits in 12ftx12ftx12ft Volume Space
  - Weight of System < 50 pounds
  - Elastic Materials
  - No Pinch Points
  - No Sharp Points
  - Padding => .5 inch thick
  - < 300 Dollars
  - No Specialized Parts
  - Fits in 12ftx12ftx12ft Volume Space
  - Gloss Finish Paints (Non-toxic)

### Weekly Tasks 04/03/17-04/09/17

Team Member	Tasks Assigned
Khaled	<ul style="list-style-type: none"><li>• Create Project Description slides for presentation</li><li>• Make report edits</li></ul>
Hasan	<ul style="list-style-type: none"><li>• Continue to monitor and budget</li><li>• Create Final Design/Budget slides for presentation</li></ul>
Noah	<ul style="list-style-type: none"><li>• Ask Dr. Oman to use strain gauge for Testing Procedures</li><li>• Create potential/past devices slides for presentation</li></ul>

Eileen	<ul style="list-style-type: none"> <li>• Continue to construct gravity harness instruction manual</li> <li>• Draft Poster</li> <li>• Create Testing Procedures portion for presentation</li> </ul>
A.J.	<ul style="list-style-type: none"> <li>• Submit meeting minutes by 04/10/2017</li> <li>• Compare current list of materials to EPA lists to find any health hazards</li> <li>• Create subcomponents of design slides for presentation</li> </ul>

Next Steps:

- ❖ Team meeting Monday at 4:30 pm.