

Meeting Minutes Week 04/24/17-04/30/17

Meeting: April 24, 2017 3:30-5:30 pm in Capstone lab

Team Meeting Discussion/Activity:

- Group redesigned middle bar to fit two wheels on each side of the track for better stability of device.
 - Materials:
 - 1 " diameter PVC
 - T-shaped PVC
 - Fastener/Washer
 - 4 training wheels
 - PVC Adhesive
- Figures 1-3 below show the assembly process of this design.



Figure 1: Glued PVC section



Figure 2: Parts



Figure 3: Wheel Screwed in PVC

- Four 6" length sections were cut from the PVC and inserted into the T-shape PVC connector as shown above.
- The wheels were fixed to the PVC by drilling into the PVC as shown in the image above to the right
- Once created, the middle bar was able to support more weight and slide more smoothly along the length of the guide rails.



Figure 4: Middle Bar assembly

Weekly Tasks 04/24/17-04/30/17

Team Member	Tasks Assigned
Khaled	<ul style="list-style-type: none">• Add most recent documents to team website• Complete project goals, description, and overview of Capstone project slides for presentation
Hasan	<ul style="list-style-type: none">• Create Budget slides for presentation• Register Team for UGRADs
Noah	<ul style="list-style-type: none">• Email Dr. Winfree to confirm next meeting time• Complete similar device, customer and engineering requirements, and final CAD model slides for presentation.
Eileen	<ul style="list-style-type: none">• Submit UGRADs poster for printing• Create subsystem, design of experiment, and manufacturing process slides for presentation• Submit final slides• Submit Operations Manual
A.J.	<ul style="list-style-type: none">• Submit meeting minutes by 04/30/2017• Create subsystem slides for presentation

Next Steps:

- ❖ Team meeting Monday at 4:30 pm. Also meet with Dr. Oman at 5:30 pm to review final slides
- ❖ Meet Doctor Winfree Thursday at 11:00 am to practice presentation
- ❖ Meet 7:30 am Friday to bring all Capstone materials to the Symposium and practice final presentation