

## Meeting Minutes 1

Start: 4:11pm

End: 6:17pm

Attendance: Samuel Williams, Ernes Distajo, Mohammad Aljuaidi, Abdullah Alajmi, Abdulrahman Almutairi

4:11pm - Started meeting

- Meeting minutes recorded by Samuel Williams
- All members present

4:15pm - Discussed Deliverables for second semester

- Post Mortem Analysis
  - Everyone has started and should have it completed before Monday
- DOE
  - Discussed all steps in the DOE process
  - Identified possible controlled variables and targets for performance
    - X's: Stopping pressure on pedal, delays in code, on/off variations in code Vs. pressure sensing button, sensor position, different seatbelts
    - Y's: Movement of child, acceleration time, stopping distance, reaction time for turning, sensor reaction time and distance
- Hardware Reviews
  - Discussed what required of our team and what our goals were to complete all parts of the car

5:22pm - Created a tentative plan to complete different parts by each hardware review dates

- Complete Post Mortem Analysis by 01/23/17
- Work on steering system
  - Test button and motors from car together 01/20

- If needed look into purchasing an Arduino and components
  - Complete variations of coding 02/01
- Construct armrests and attach to car 02/08
- Construct seatbelt attachments and seat supports 02/10
- Attach sensors on car 02/20
- Construct PVC/Pool noodle supports 03/01
- Attach seatbelts and umbrella/cover 03/08

5:47pm – Discussed different time slots to meet with Prof. Oman in the coming weeks

- Tuesday: after 3:35pm
- Wednesday: 1:00-2:00pm or after 3:35pm

6:01pm - Talked about any questions or more clarification on anything discussed or on the deliverables

- Clarified more on what needs to be completed for the midpoint report and hardware reviews
- Had questions about DOE and will ask Prof. Oman to clarify how to properly prepare and test the different variables

6:10pm – Decided to meet again on Friday 01/20

6:17pm - Meeting ended