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## CPE 656 Train Trax Project Meeting Summary 11-30-15

1 message

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**Corey Sanders** <cls1432@uah.edu>

Mon, Nov 30, 2015 at 7:59 PM

To: Stephen Jalbert <sgj0001@uah.edu>, Corey Sanders <cls1432@uah.edu>, Rashad Madyun <rmadyun@gmail.com>

11/30/2015

### Attendees

Corey Sanders  
Rashad Madyun  
Stephen Jalbert

### Summary:

Team discussed concerns on how to plot accelerometer data. It was suggested that we just worry about the absolute distance travelled as a good gauge of measurement quality. We can also keep record of the total rotational change as a gauge of how well gyroscope measurements are. There was also a discussion of having difficulties using FlowUI and Moqups to get them to create our desired UI prototypes. It was recommended that HTML or another programming platform of preference be used for the prototypes instead since we keep encountering difficulties using the prototyping tools, especially since we have a small number of views.

### Corey:

#### Done:

Updated SDD to prepare for final delivery  
Updated SRS to prepare for final delivery  
Cleaned up lingering issues in YouTrack

#### Next Actions:

SDD/SRS: Update diagrams to show switch controller  
Make more measurements on track to input into prototype database  
STP: Update STP with details of testing with video

### Stephen:

#### Done:

Collected measurements from the hardware going around the track

#### Next Actions:

SRS: Split the Motion Detection Unit section of Detailed Requirements into a hardware and software subsection  
(A general guideline is for the requirements that involve measuring to be attributed to the hardware and those involving reporting to go to the software section)  
SRS: Improve the Activity Diagram in the SRS to show how each part of Train Trax works together to get the test bed to work.  
Conduct another round of hardware measurements  
Create plot of collected measurements

Rashad:

Done:

Researched into updating UI prototype to be interactive. Encountered difficulties using online tools to accomplish this.

Next Actions:

SDP: Update the SDP with suggestions made by Dr. Kulick (emailed today 11/30/15)

Complete UI prototype