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CPE 656 Train Trax Project Meeting Summary 10-26-2015

1 message

Corey Sanders <cls1432@uah.edu>

Mon, Oct 26, 2015 at 8:06 PM

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

Cc: Corey Sanders <cls1432@uah.edu>

Attendees
Corey Sanders
Rashad Madyun
Stephen Jalbert

Summary:

It was mentioned during the meeting that it is important that the team make progress on creating the Software Design Document (SDD), as it is now the only required work product that we have not created a draft for. The plan is for there to be collaborative additions to the SDD on Google Drive. Team also discussed briefly feedback received from Dr. Kulick's review of the ROM and Operation Document. Rashad agreed to be in charge of addressing corrections, and will delegate as needed. The team will contact him about any task that they work pertaining to the feedback in order to prevent overlapping work.

Corey

Done:

Reviewed formulas for triangulation position.
Brainstormed on how to actually implement the Geometry collection procedure.
Prepared for Weekly Review
Delivered
Reviewed issues from YouTrack.
Corrected defects from SRS and Test Plan from review.
Collected sample measurements from Nexus for accelerometer and gyroscope.
Started created a Matlab/Octave script for interpolating, filter, and estimating position from sample measurements

Action Items:

Make sure we have a way to correctly mount range finders to conduct measurements.
Continue creating position calculation Octave script.
Attempt to collect small track geometry data sample.

Also mentioned that I will be on travel this weekend.

Rashad

Done:

Updated Use Cases Document
Updated the Software Interfaces section.

Action Items:

Plans on working on Use Case Defect corrections.

Start UI Prototyping

In corporate feedback from Dr. Kulick's review of ROM and Team
Operation Document.

Stephen

Done:

N/A on Travel

Action Items:

Place design document on Google Drive

Start working on getting sample data from hardware boards (as part of
prototyping effort)

Review Outstanding Issues

SRS Use Case Activity Diagrams