Corey Sanders <cls1432@uah.edu>

CPE 656 Train Trax Project Meeting Summary 11-19-15

1 message

Corey Sanders <cls1432@uah.edu> Thu, Nov 19, 2015 at 9:45 PM
To: Stephen Jalbert <sgj0001@uah.edu>, Rashad Madyun <rmadyun@gmail.com>
Cc: Corey Sanders <cls1432@uah.edu>

11-19-15

Attendees
Corey Sanders
Stephen Jalbert

Summary:
Team discussed their status and the plan to work on creating as much content for the project as possible for the end of the Sprint that ends on Monday (11/23/15).
Also the current progress of Track Geometry collection was discussed. Measurement using both the Ryobi and the Bosch Laser Range Finder has already been conducted and an estimate on spacing RFID Tags and # of RFID Tags Needed has been created. Accuracy of Measurements still need to be evaluated however based on looking at raw measurements from both, they appear to be very close. However, it took significantly less time to measure with the Ryobi versus the Bosch, so it is likely that using the Ryobi will be the recommendation.

Corey

Done:
Analyzed Feedback from Dr. Kulick on 11/18/15 and emailed analysis results to team.
Emailed hardware requests
Conducted measurements using one table moint and 2 adhoc- reference points (mounted raised wood block on 2 corners of the table) to evaluate using triangulation with laser range finders from fixed positions. This method proved accurate within +/- 0.1 inches. This was using the Bosch laser range finder.
Collected new measurements using the three camera mounts equipped on the train table for both the Ryobi and the Bosch laser range finders.
Renamed the "Team Operation Document" to the "Software Development Process and Configuration Management Plan Document".
Fixed defect where a figure in the "Team Process" Section was overlapping text.
Installed MySql onto computer system and created a formal decision entry for selecting MySql over SqlLite.
Also improved section formatting of SDD ans SRS
Added Activity Diagrams into the SRS.
Prepared 11/16/15 Delivery

Next Actions:
Create issues for work identified as part of analyzing Dr. Kulick's feedback.
Complete as much content of the SDD as possible.

Stephen

Done:
Successfully was able to get all of the hardware integrated with the Arduino mini board: this includes getting the Ard11-19-15

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Stephen

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Successfully was able to get all of the hardware integrated with the Arduino mini board: this includes getting the Arduino to read from the RFID Reader.
Committed activity diagrams into GitHub so that they could be integrated into SRS.

Next Actions:
Collect measurements with hardware.
Complete Changes to SRS

Rashad:

Done:
Aded additional UI design details into SDD.
Continued working on designing UI and creating UI prototype mock ups

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