

EE/CprE/SE 492 BI-WEEKLY REPORT WEEKS 11-12

November 4, - November 17

Group Number: 14

Project Title: IoT Passive Monitoring of Assisted Living Homes

Client: Andrew Guillemette

Advisor: Goce Trajcevski

Team Members/Role:

| | | |
|------------------|---|---------------|
| Trevor Henderson | - | Server Team |
| Nick Schneider | - | App Team |
| Austin Kerr | - | App Team |
| Austin Sudtelgte | - | Hardware Team |
| Ryan McCullough | - | Hardware Team |
| Josh Blanck | - | Hardware Team |

Period Summary

Week 11: Met with client 11/4. Team stated the final deliverables for this semester: more easily legible data display and event identifiers. Discussed planning for poster and final report. Team and client emphasized thorough documentation for when the project is handed off.

Team met 11/8 for a progress update: data display has been completed, event identifiers have begun.

Week 12: Met as a team 11/12. Focused on creating an initial draft of poster.

Met with advisor 11/13. Focused on receiving feedback on poster design. Many notes were given, and we viewed multiple past posters for ideas on aesthetics and content.

Met as a team 11/15. Made significant progress on improving poster.

Past period accomplishments

Trevor Henderson: Worked on the poster and updated server-side documentation. Prepared second senior design team for handing the project off to them.

Nick Schneider:

Austin Kerr: Helped work on the poster for the final presentation.

Austin Sudtelgte: worked on poster, developed demo, visited the test residence, and met with the other team

Ryan McCullough: Worked on poster

Josh Blanck: Worked on poster: focus on diagrams and aesthetic.

Pending issues

Trevor Henderson: Polish server-side code and get ride of deprecated classes

Individual contributions

| Name | Individual Contributions | Hours this period | Hours Total |
|------------------|----------------------------------|-------------------|-------------|
| Trevor Henderson | See past period accomplishments. | 8 | 48.3 |
| Nick Schneider | | | 34 |
| Austin Kerr | | 7 | 45 |
| Austin Sudtelgte | | 10 | 51 |
| Ryan McCullough | | 6 | 42 |
| Josh Blanck | | 12 | 42 |

Plan for coming period:

Trevor Henderson: Finalize poster, work on final report

Austin Kerr: Communicate with the second team about the app hand off. Continue documentation and work on the final report.

Austin Sudtelgte: digitize data from the resident, work on upcoming presentation, finalize poster, work on final presentation

Ryan McCullough: Finalize poster, work on final report.

Josh Blanck: Finalize poster, work on final report.