

Team Name: sddec21-02

Team Members:

Matthew Dwyer

Prince Tshombe

Cody Tomkins

Spencer Davis

Braedon Giblin

Report Period: April 13-28

Summary of Progress in this Period

- Progress on Linux Driver Compilation
 - Acquired Linux Kernel source code and began implementing Makefile for Kernel Module compilation
 - Research inserting Kernel Module into Buildroot system
 - Examined BNO055 Driver to plan a demo application
- Progress on RemotePort
 - Implemented handshake from SystemC to Host
 - Continued learning Remote Port Protocol
 - Discussed higher level protocol design for facilitating host <-> SystemC communication
- Documentation
 - Submitted a pull request and have been iterating over responses from repository maintainers
 - Discussed documentation publication for Collins Intern team
- Determined work/meeting plan for over the summer

Pending Issues

- Documentation resolutions
 - Documentation has received feedback from repo maintainers; we are editing and resubmitting
- Handshake response does not appear to be functioning using SystemC LibRemotePort

Plans for Upcoming Reporting Period

- Compile Linux kernel module and add to the system
- Polish up documentation for the summer intern team
- Edit startup documentation pull request until accepted by maintainers

Weekly Hours Worked

Team Member	Hours Worked (Both weeks combined)
Matthew Dwyer	16
Prince Tshombe	9
Cody Tomkins	11
Spencer Davis	9
Braedon Giblin	12