

Team Name: sdmay24-25

Team Members: Thomas Gaul, Matthew Crabb, Spencer Sutton, Tori Kittleson, Ian Hollingworth

Report Period: Sept 11- Sept 24

### Summary of Progress in this Period

Within this summary period we got more familiar with our project and project requirements, completed initial work on both hardware and software, and figured out parts of our tools.

- Refined requirements with advisors
- Two members successfully completed software setup and flashed boards
- Setup Git repositories
- Started to familiarize team with GitLab
- Completed requirements and project plan assignments
- Imported MSP 430 files
- Started custom component library
- Read microcontroller documentations and brainstormed solutions
- Put together game plan for both hardware and software timelines
- Confirmed connector pinout and constraints with graduate TA

### Pending Issues

- Team member is having compiling issues with IDE setup
- KiCad learning curve
- Need to refine project goals, constraints and preexisting setup

### Plans for Upcoming Reporting Period

- Figure out communication for sniffers
- All teammates have compiling and flashing of test code done
- Dig more into code regarding BOB communication
- Flash custom code to CC1352
- Schematic completed and reviewed for BOB node design
- Parts library updated
- Establish communication between two cc1352s
- Establish UART communication between a computer and a cc1352