Team Name: sdmay24-25
Team Members: Thomas Gaul, Matthew Crabb, Spencer Sutton, Tori Kittleson, Ian Hollingworth
Report Period: Oct 9 –Oct 22

Summary of Progress in this Period

In this progress period we completed the first software development task and got well on our way for the next and we continued to dive into the code and build understanding.

- Harware
    - Solidified pinout for the entire test stack structure
    - Completed schematic for the breakout board
    - Completed layout for the breakout board
    - Put in a order for board and parts to assemble breakout board
    - Completed MSP 430 simplified schematic pending pinout approval
- Software
    - Had a couple meetings with Gregory to cover the code
    - Met with a reasearch assistant to look at the sytem as the whole and debug problems
    - Continued to build radio communication understanding
    - Got the python script running with the Sniffer
        - Imporved understanding on how they interact

Pending Issues

- Achieving radio communication is behind schedule and is running into bugs
    - Have some simpler examples to look at and run

Plans for Upcoming Reporting Period

- Hardware
    - Complete layout of the MSP-430 board
    - Order the simplified MSP-430 board
    - Plan block level design of Sniffer board
- Software
    - Establish communication between two cc1352s and see if they can run 2.4 GHz and Sub-1GHz simulatenously
    - Figure out bugs with python and CC1352 UART
- Team
    - Start final presentation and design report