

1/11/24	Set up meetings with Boeing again. Discussed issues with the team and introduced to new semester and changes.
1/16/24	Designated tasks to team members. Made backlog more specific. Ordered new hardware and Bluetooth low energy adapters.
1/18/24	Meet with Boeing. Completed order list. I planned to order more hack ones. Planned to make scenarios where consumer-purchased items can be used to intercept or interrupt Bluetooth.
1/23/24	Installed Ubuntu into Raspberry Pi. I figured out which software we needed on it. Sent final order list of equipment needed for this semester. Broke down tasks for this semester into tasks that can be accomplished in a week.
1/25/24	Installed BTLE sniffer software onto Raspberry Pi and reinstalled HackRF tools onto Raspberry Pi. Got BTLE sniffer to sniff one channel which was channel 37.
1/30/24	Tried to setup BTLE multi-tool onto Kali Linux. Figured out which BTLE device we need instead of BBC micro bit or if we have to order them.
2/1/24	Met with Boeing and discussed BTLEJACK a multi tool for BTLE. Also discussed Cyber Rodeo and meeting on Wednesday with Brian.
2/6/24	Meet with Boeing engineers in person and showed off what we have been working for. Discussed GPS spoofing and presentation on Thursday
2/8/24	Presented to class and Boeing in person.
2/13/24	Worked on setting up Zigbee connection and reading Zigbee main board documentation. Found new tools to test and find vulnerabilities in BTLE.
2/15/24	Meet with Boeing and discuss feedback from the presentation. Discussed the following use cases more closely and what we could test. Made goal to produce an advanced Bluetooth attack by the end of the semester.
2/20/24	Worked on setting up GNU radio and integrating it into BTLE. Continued to work with HackRF BTLE packet tracking.
2/22/24	Meet with Boeing and discuss how we are approaching the project. Boeing wants us to look more into already available software and vulnerabilities.
2/27/24	Successfully tracked BTLE packet using advertising channel 37, which was sent from ESP32 test bed.
2/29/24	Set up meeting with Boeing and Dr. Yang. Worked on SRS and SDS for version 2 submission on Sunday.
3/5/24	Watched presentations. Finalized sprint 2 presentation.
3/7/24	Watched presentations and presented to Boeing after class.

3/19/24	Boeing employees presented in class. Meet with Dr.Akbas and discuss new equipment. Installed BTLE jack which is the software that uses the Microbit controllers to jam and control BTLE devices
3/21/24	Setup the final presentation date with Boeing for April 25th. Acquired MicroBit devices and began to setup the devices and BTLE jack.
3/26/24	Installed Raspberry Pi OS to use BBC Microbits since the software was not working on kali or ubuntu. Installed python3 onto Unbuntu Raspberry Pi. Continued to setup hardware for testing such as ESP32 audio profiles.
3/28/24	Meet with Boeing and discuss final presentation. Tried to figure out what was wrong with Microbits as they were not connected to Raspberry Pis. Tried running them on x64 based system in Kali Linux VM