Senior Design Weekly Status Report; Fall 2022

Team Name: sdmay23-09

Team Members:

- 1) Shayla Lunn
- 2) Erica Hollander
- 3) David Bone
- 4) Hanan Zahid
- 5) Kaili Lawson
- 6) Lakin Jenkins

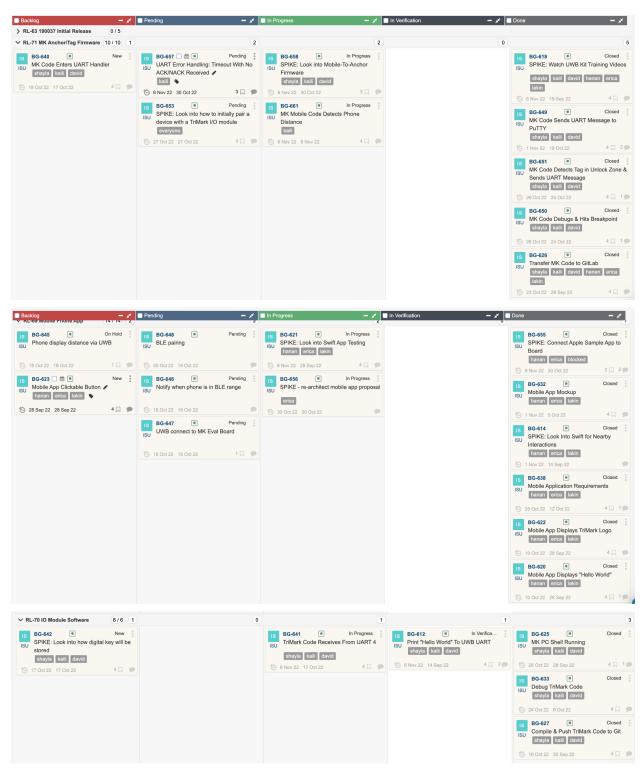
Report Period: Nov 4th - Nov 9th

## Summary of Progress in this Period

- Erica
  - Connected the sample app to the NXP\_SR150
  - Demoed the working app to the clients
  - $\circ$   $\;$  Starting to look into obstacles and connection states  $\;$
- Shayla
  - Soldered the TriMark board to enable UART 4 connection.
  - Printed "Hello World" to PuTTY using TriMark code.
  - Working on troubleshooting an issue with PuTTY where it brakes after the code runs.
- David
  - Troubleshooting the PuTTY connection to the TriMark code.
  - Printed "Hello World" to PuTTY using TriMark code.
- Hanan
  - Looked into code for connecting to UWB module via bluetooth pairing to phone
- Kaili
  - Tested both MK boards to make sure they work
  - Looked into the MK code and flashed the mobile code to the board
  - Connected the mobile edition code to the sample application and went through this code in the debugger
- Lakin
  - Began work with integrated api calls in a swift application
  - Looked more into implementing basic app interactions
- Entire Team
  - Met with client to update on progress
  - Worked together in Senior Design lab
  - Worked on the Design Doc -Testing

## Pending Issues

**Current Sprint Board** 



## Plans for Upcoming Reporting Period

• Get UARTs sending to and from Mobile Knowledge code