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
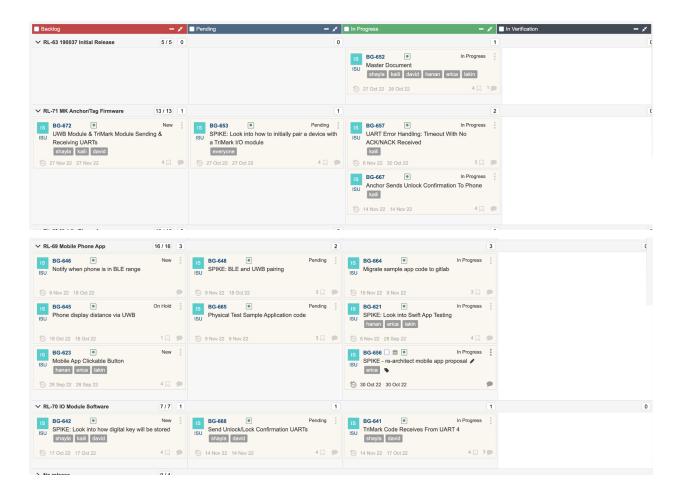   6) Lakin Jenkins
Report Period: Nov 17th - Dec 1st

Summary of Progress in this Period

- Erica
    - Worked on final faculty presentation
    - Started researching spike for winter break with a cross functional architecture
- Shayla
    - Worked on final faculty presentation
- David
    - Worked on final faculty presentation
- Hanan
    - Worked on final faculty presentation
- Kaili
    - Got TriMark UART working on Mobile Knowledge code
    - Tested TX/RX functionality of mobile knowledge code
- Lakin
    - Worked on final faculty presentation and made diagrams
- Entire Team
    - Met with client to update on progress
    - gave faculty panel presentation to client and advisor for feedback

Pending Issues

Current Sprint Board

Backlog				Pending			In Progress			In Verification	
RL-63 190037 Initial Release	5 / 5	0			0			1			0
							BG-652 ISU · Master Document · In Progress · shayla kaili david hanan erica lakin · 27 Oct 22 26 Oct 22 4 1 💬				
RL-71 MK Anchor/Tag Firmware	13 / 13	1			1			2			0
BG-672 New · ISU · UWB Module & TriMark Module Sending & Receiving UARTs · shayla kaili david · 27 Nov 22 27 Nov 22 4 💬				**BG-653** Pending · ISU · SPIKE: Look into how to initially pair a device with a TriMark I/O module · everyone · 27 Oct 22 27 Oct 22 4 💬			**BG-657** In Progress · ISU · UART Error Handling: Timeout With No ACK/NACK Received · kaili · 6 Nov 22 30 Oct 22 3 💬				
							BG-667 In Progress · ISU · Anchor Sends Unlock Confirmation To Phone · kaili · 14 Nov 22 14 Nov 22 4 💬				
RL-69 Mobile Phone App	16 / 16	3			2			3			0
BG-646 New · ISU · Notify when phone is in BLE range · 9 Nov 22 18 Oct 22 💬				**BG-648** Pending · ISU · SPIKE: BLE and UWB pairing · 9 Nov 22 18 Oct 22 3 💬			**BG-664** In Progress · ISU · Migrate sample app code to gitlab · 15 Nov 22 9 Nov 22 3 💬				
BG-645 On Hold · ISU · Phone display distance via UWB · 18 Oct 22 18 Oct 22 1 💬				**BG-665** Pending · ISU · Physical Test Sample Application code · 9 Nov 22 9 Nov 22 3 💬			**BG-621** In Progress · ISU · SPIKE: Look into Swift App Testing · hanan erica lakin · 6 Nov 22 28 Sep 22 4 💬				
BG-623 New · ISU · Mobile App Clickable Button · hanan erica lakin · 28 Sep 22 28 Sep 22 4 💬							**BG-656** In Progress · ISU · SPIKE - re-architect mobile app proposal ✏ · erica 🏷 · 30 Oct 22 30 Oct 22 💬				
RL-70 IO Module Software	7 / 7	1			1			1			0
BG-642 New · ISU · SPIKE: Look into how digital key will be stored · shayla kaili david · 17 Oct 22 17 Oct 22 4 💬				**BG-668** Pending · ISU · Send Unlock/Lock Confirmation UARTs · shayla david · 14 Nov 22 14 Nov 22 4 💬			**BG-641** In Progress · ISU · TriMark Code Receives From UART 4 · shayla david · 14 Nov 22 17 Oct 22 4 3 💬				
No release	0 / 4										

Plans for Upcoming Reporting Period

- Connect TriMark board to MK board to test UART Tx/Rx
- Send custom messages to the mobile application from MK board