

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: Oct 8th - Oct 14th

Summary of Progress in this Period

- Erica
 - Facilitated conversations about mobile app requirements
 - Worked on app code to fit the TriMark standards
 - Created a demo for GitLab and Git
- Shayla
 - Started watching Mobile Knowledge videos.
 - Downloaded and pulled new app project on xcode.
 - Worked on getting TriMark code to compile.
- David
 - Worked on running TriMark code with the MPLAB IDE
 - Formulated work arounds for issues connecting usb devices to virtual machines.
 - Watched Mobile Knowledge videos and familiarized myself with UWB
- Hanan
 - Researching nearby interactions in swift
 - Looking through mobile knowledge application code to understand how to communicate with UWB module
 - Watching mobile knowledge videos
- Kaili
 - I worked on getting our TriMark code compiled and having the ability to single step through code.
 - I also watched a lot of the Mobile Knowledge introduction videos, in order to be ready to run the PC Shell.
- Lakin
 - Created a mobile app mock-up using Figma
 - Demoed the mock app during our client meeting
 - Took feedback from session to modify the mock-up
- Entire Team
 - Working on Lightning Talk presentation for next Tuesday

- Design Document

Pending Issues

Current Sprint Board

The screenshot displays a Jira sprint board for the 'RL-63 190037 Initial Release' sprint. The board is organized into columns representing different stages of the workflow: Backlog, Pending, In Progress, In Verification, and Done. Each issue card includes a title, assignee, status, and a list of assignees.

Issue ID	Title	Status	Assignee
BG-628	Definition of Done Document	In Verification	Bob
BG-629	Grant TriMark GitLab Access	Closed	ISU
BG-610	Set Up GitLab & Create README	Closed	ISU
BG-606	Team Smartphone/Watch list	Closed	ISU
BG-623	Mobile App Clickable Button	New	ISU
BG-621	SPIKE: Look Into Swift Unit Testing	In Progress	ISU
BG-632	Mobile App Mockup	In Verification	ISU
BG-622	Mobile App Displays TriMark Logo	Closed	ISU
BG-638	Mobile Application Requirements	In Progress	ISU
BG-620	Mobile App Displays "Hello World"	Closed	ISU
BG-614	SPIKE: Look Into Swift for Nearby Interactions	In Progress	ISU
BG-616	Equipment list for ISU	Closed	Kevin
BG-612	Print "Hello World" To UART #2	New	ISU
BG-626	Transfer MK Code to GitLab	Pending	ISU
BG-625	MK PC Shell Running	In Progress	ISU
BG-627	Compile & Push TriMark Code to Git	In Verification	ISU
BG-633	Debug TriMark Code	In Progress	ISU
BG-618	SPIKE: Watch UWB Kit Training Videos	In Progress	ISU

Plans for Upcoming Reporting Period

- Revise mobile application mockup
- Get feedback on mobile application requirements from TriMark
- Get Mobile Knowledge PC Shell running
- Debug and step-through TriMark code