Senior Capstone Design

Project:	Combined GPS and Intensity-based Alignment of Laser Devices			**Primary Author:**	Dawson Burgess
Team:	Tech Track			**Last Edit Date:**	10/03/23

Requirement	Test	Test Subject	Target Date	Result	Recommendation
Maxiumum weight of all units shall not exceed 10 lbs	Measure units on a scale	Working/Built Prototype	11/23/23		
All code must be written in a modular/functional formant. I e seperate function calls for different actions	All functions can be called independetly of others	Code Prototyping	12/07/23		
Code compiles and runs without errors	Code compiles and runs on arduino board with no issues	Code Testing	01/09/24		
A stable connection must be established at a minumum of 6 ft apart	Run our code on prototypes to see if a connection is established	First Draft of Prototype	01/11/24		
Establish a stable connection at 45 degrees off of ideal alignment	Run our code on prototypes to see if a connection is established	Improved draft of prototype	1/25/24		
Establish a stable connection at 90 degrees off of ideal alignment	Run our code on prototypes to see if a connection is established	Near final draft of prototype	2/15/24		
Establish a stable connection at 180 degrees off of ideal alignment	Run our code on prototypes to see if a connection is established	Final draft of prototype	3/5/24		