

Matthew Jordan
Senior Project
CS 7 Code Review

Category	Description	Reviewers comment	Action taken by reviewed group
Build	Could you clone from Git and build using the README file?	I could build the code from the README and had no issues with getting the code to run with how everything was set up. With no external hardware the actual purpose of the code was unable to be fully performed but this was to be expected.	N/A
Legibility	Was the flow sane and were variable names and methods easy to follow? Does the code adhere to general guidelines and code style?	This was a very easy to understand code base as it was a relatively small arduino code base. There was very verbose and in depth commenting on everything and the code style guidelines that were set internally seemed to have been met for every file that was looked at. The variable names were also very concise and thoughtful.	N/A
Implementation	Is it shorter/easier/faster/cleaner/ safer to write functionally equivalent code? Do you see useful abstractions?	Because the code base is so small and seems to be more hardware focused it is very hard to say what could be improved upon. The code seems to be very distilled into the more efficient parts of what needs to be run for the hardware and therefore there isn't enough information to say for sure.	N/A
Maintainability	Are there unit tests? Should there be? Are	There is one test but it seems to be only for	Next Page

	the tests covering interesting cases? Are they readable?	testing the Arduino board. The room for greater code coverage is definitely here and I believe that this team could absolutely benefit from expanding the scope of their tests or add more tests to their code base.	AS explained to Scott, tests are not really needed due to the nature of our project, very few lines of code and its very harder focused
Requirements	Does the code fulfill the requirements?	After reading through the purpose of the hardware and looking at the code yes the code base appears to fulfill the requirements.	N/A
Other	Are there other things that stand out that can be improved?	I think that the commenting was good for the most part but there could have been room for more. I also think that adding one or two more tests would help out a lot with the speed of implementation. Other than this great job!	Added more in-depth comments, re-organized comments. Tests are not applicable.