

# Jibebe Internship 2022

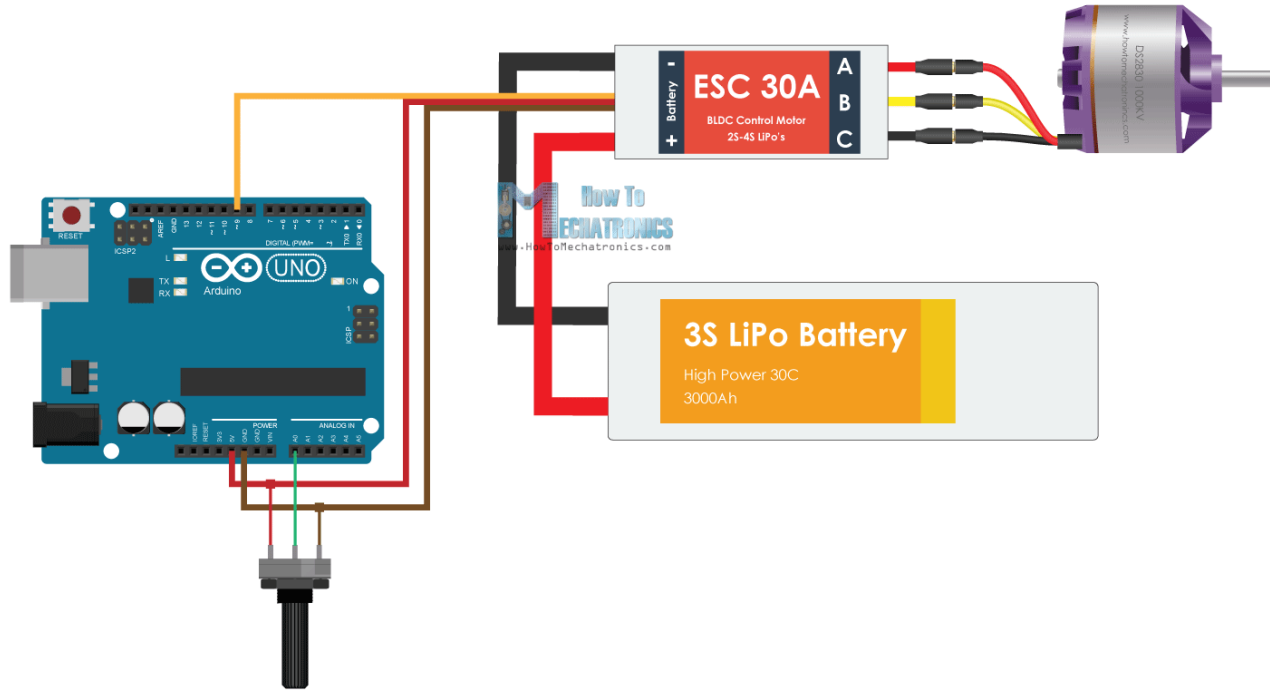
## Progress report

Name: Paul Moses

# Tasks completed last week

- [#2] Choice of Battery – The battery was appropriately sized for the given motor and several implementations on how to achieve the same were considered. Ultimately, a combination of a currently available battery and a boost converter was chosen
- [#3] Speed Control - A microcontroller implementation for the control of speed was developed but ultimately, a more cost-effective solution was implemented by using pre-built HandleBar Throttle Switch which pairs well with our current motor controller

# Arduino Implementation



# Throttle Switch



# Brushless Controller



# Tasks in this week

- [#4] Research and acquire appropriate charge controller for the charging system
- [#5] Research and acquire appropriate Throttle Switch for the speed control
- Integrate separate subsystems and test

# Timeline

Month	Intern week	Tasks
Jan		
	Week 1	Design of required Battery Pack for Motor and Speed Control
	Week 2	Integration of sub-systems to complete system
	Week 3	Testing of charging system
Feb	Week 4	
	Week 5	
	Week 6	
	Week 7	