

Jibebe Internship 2022

Progress report

Name: Paul Moses

Tasks completed last week

- [#4] Charge Controller Acquiring– The controller was accurately sized and process of acquiring started
- [#5] BLDC Motor Controller Acquiring - The motor was accurately sized and process of acquiring started

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
- [#6] Integrate separate subsystems and test
- [#11] Mechanism for starting Motor
- [#17] Simulation of motor operation

Timeline

Month	Intern week	Tasks
Jan		
	Week 1	Design of required Battery Pack for Motor and Speed Control
	Week 2	Acquisition and procurement of required components
	Week 3	Testing of components for tricycle and design of tractor electric system
Feb	Week 4	Integration of ordered parts to final tricycle implementation. Procurement of components for tractor
	Week 5	Solving miscellaneous issues arising from tricycle. Testing of tractor components
	Week 6	Testing of tractor components

Timeline

Month	Intern week	Tasks
Feb	Week 7	Integration of final electric system for tractor
March	Week 8	Integration with other subsystems