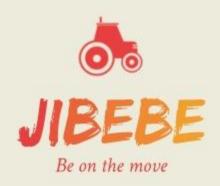
Internship 2022



Name: ALEX MBURU



Tasks completed in the last week

- [#54]Fabrication of the motor shaft coupler
- [#54]Fabrication of the motor housing

Tasks completed in the last week

• [#54]Formulation of the vibrational isolation of the battery









Proposed alternative to the battery















Tasks to be completed in this week

• [#31]Final assembly of the tricycle



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Month	Intern week	Tasks	Be on the move	
Jan	Week 1	Taking measurements and 3D modeling of the tricycle Identification of parts		
	Week 2	Design of chain drive, Shaft design Disassembly of the tricycle		
Feb	Week 3	Acquisition of parts Fabrication and assembly of the tricycle Literature review on e-tractors		
	Week 4	Identification of parts to be replaced Calculation of power requirements for the shujaa tractor Measurement of chassis		
	Week 5	Design of various transmission components 3D modeling of the Shujaa tractor		
	Week 6	Vibration and st Acquisition of pa	and stress analysis n of parts	
March	Week 7	Fabrication and assembly of Shujaa tractor		

Testing and performance analysis

Week 8