

# Internship 2022



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## Tasks completed in the last week

- [#95] Brake Adjustment
  - [#] Additional grab-screws on the motor shaft attachment
- (See video on Github)



# Tasks to be completed in this week

[#31] Final assembly of the tricycle

[#90] Aesthetic finishing of E-tricycle

Month	Intern week	Tasks
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 stress analysis Acquisition of parts
March	Week 7	Fabrication and assembly of Shujaa tractor
	Week 8	Testing and performance analysis