

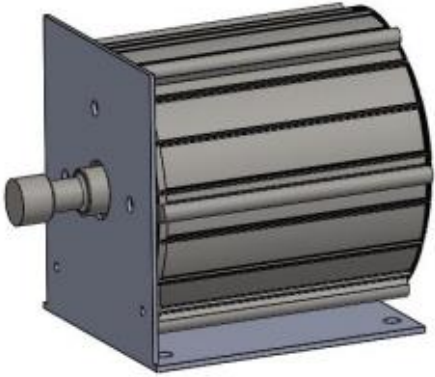
# Internship 2022



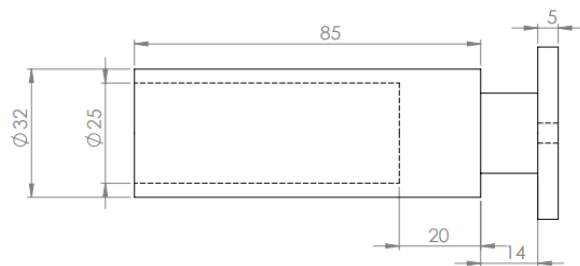
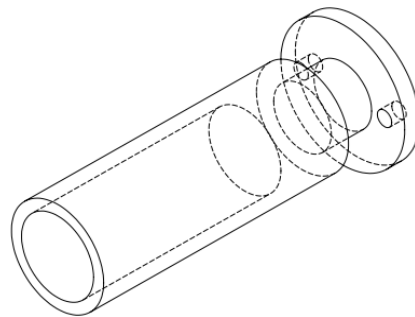
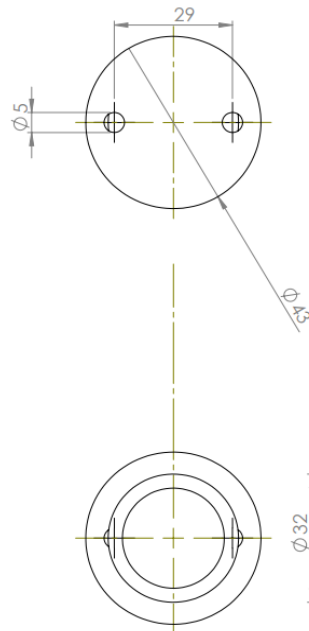
Name: Brian Muindi

# Tasks completed last week

- [#55] Fabrication of the motor mounting



# [#54] fabrication of motor shaft attachment



## Tasks in this week

- [#31] Fabrication and Assembly of the tricycle
  - [#64] Acquisition of parts for the shujaa tractor
  - [#56] Design of the transmission system for the Shujaa tractor

# TIMELINE

Month	Intern week	Tasks
Jan	Week 1	Taking measurements and 3D modelling of the tricycle
	Week 2	Identification of parts Design of chain drive Shaft design Disassembly of the tricycle
Feb	Week 3	Acquisition of parts Fabrication of tricycle components Literature review on E-tractors
	Week 4	Identification of parts to be replaced on the shujaa tractor 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 for the tricycle
March	Week 7	Design of the transmission system of shujaa tractor Fabrication of motor shaft attachment for the tricycle Fabrication of motor housing
	Week 8	Final fabrication of parts for the tricycle Assembly of the E-tricycle Design and acquisition of the gearbox (shujaa tractor)