

Internship 2022

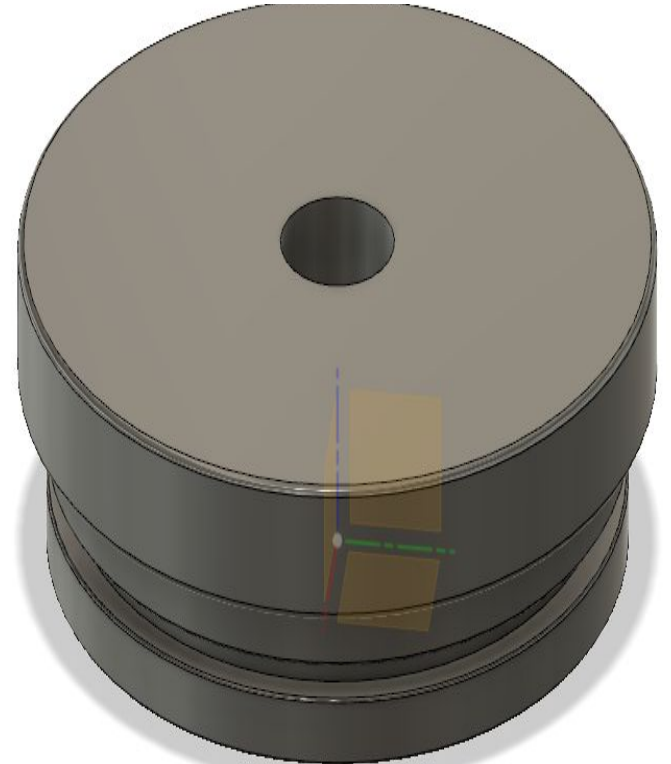
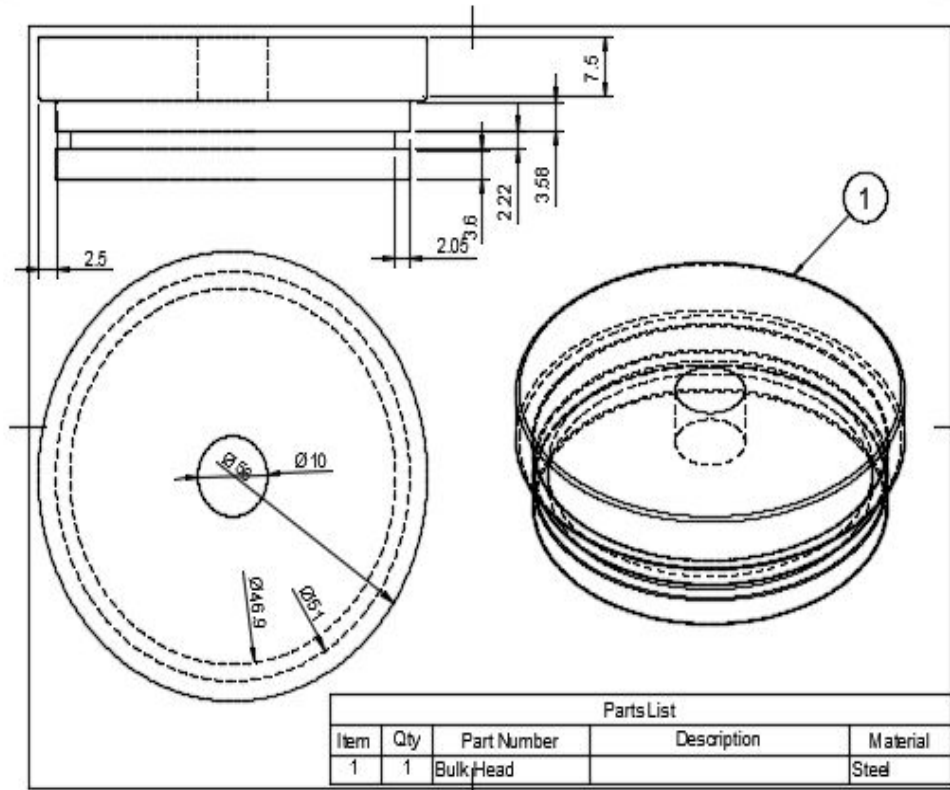
Week 2 Progress report

Name: Gichia Maureen

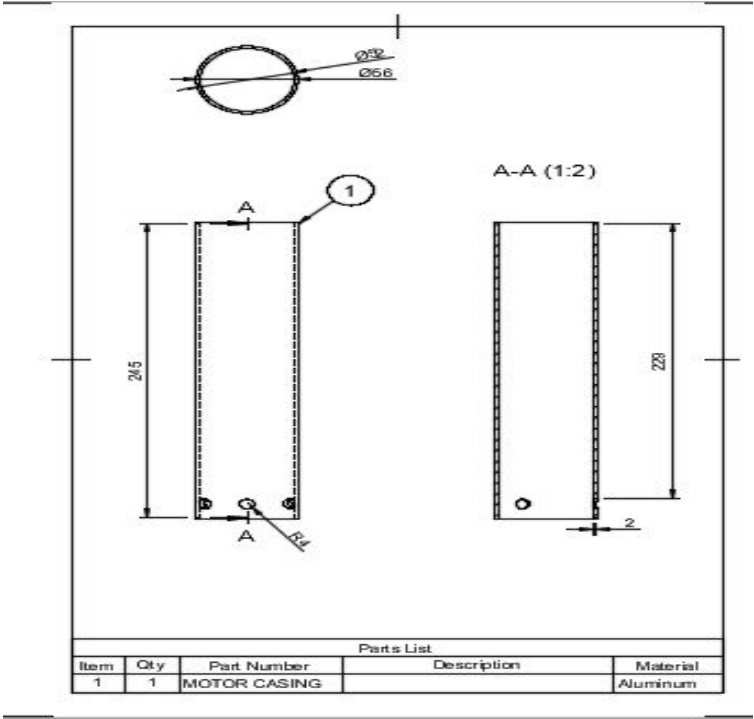
Tasks completed last week

- Bulkhead design. - Issue #35
- Casing design. - Issue #6
- PCB Design & Etching. - Issue #33 & 32

Bulkhead drawing and design - Issue #35



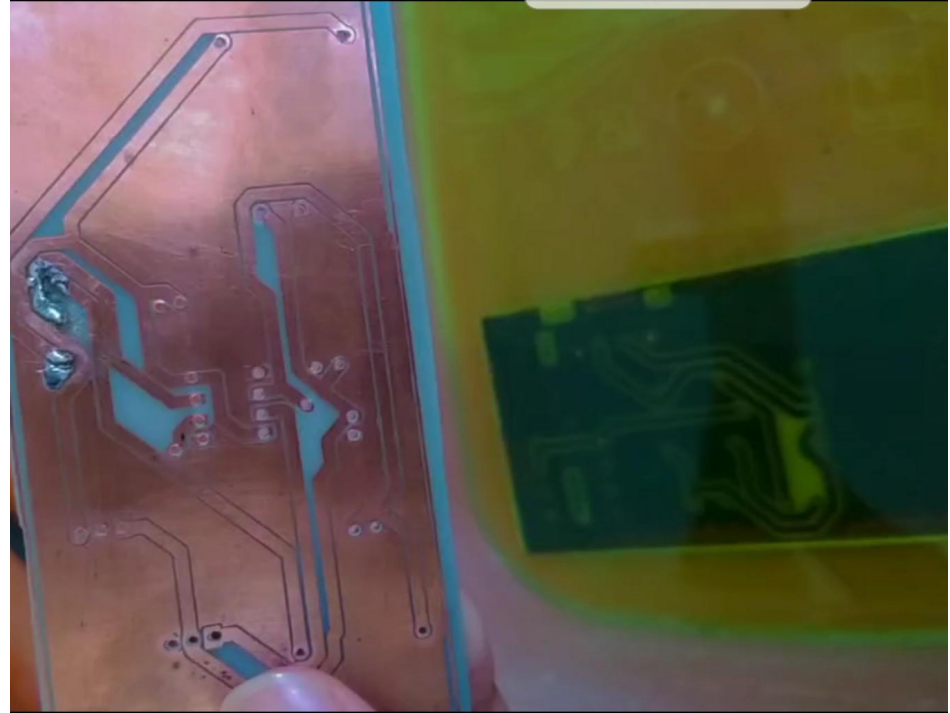
Casing drawing and design - Issue #6



PCB Design & Etching. - Issue #33 & 32

The process involved:

- Creation of ignition and power circuits on EasyEDA.
- Creation of the PCB schematic.
- Printing the schematic and duplicating it on a PCB board.
- Etching process.



Tasks in this week

- [#52] Nozzle fabrication
- [#53] Bulkhead Fabrication
- [#17] Load cells alternative
- [#16] Test stand design

Timeline

Month	Intern week	Tasks
Jan		
	Week 1	Designs [Fuel, Casing, Nozzle, Bulkhead, Casting tools, Test stand]
	Week 2	Fabrication of items
	Week 3	Fuel Fabrication and test stand revamp
Feb	Week 4	Fabrication of items & Fuel casting
	Week 5	Iterative Fuel tests
	Week 6	Launch Pad design and iterative fuel tests
	Week 7	Iterative fuel testing and improvement