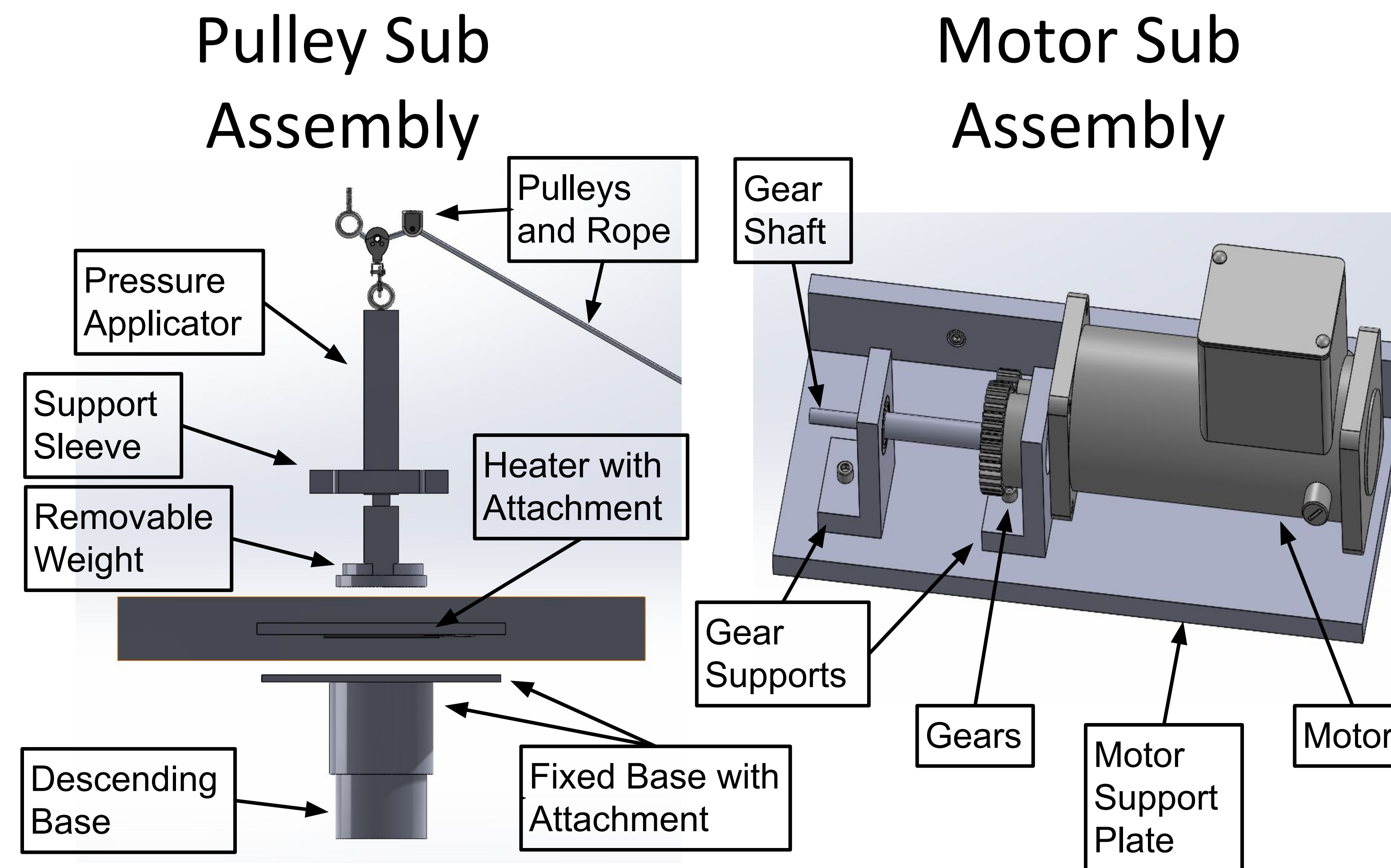


## Project Overview

**Binder Jetting** is a type of additive manufacturing (3D printing) method, where liquid adhesive is used to bind green body layers to construct a final part. One of the major issues in additive manufacturing is the tendency for pores (empty, void spaces) to be left inside the product, which has adverse effects on the part's quality—especially its strength.

Team SPrinter's project goal is to create a **mechanical press system** designed to vary the amount of pressure in between green body layers in order to achieve an increase in the overall porosity of the final printed component. This internally integrated system includes a motor-driven pressure applicator and a heater to satisfy the project requirements.

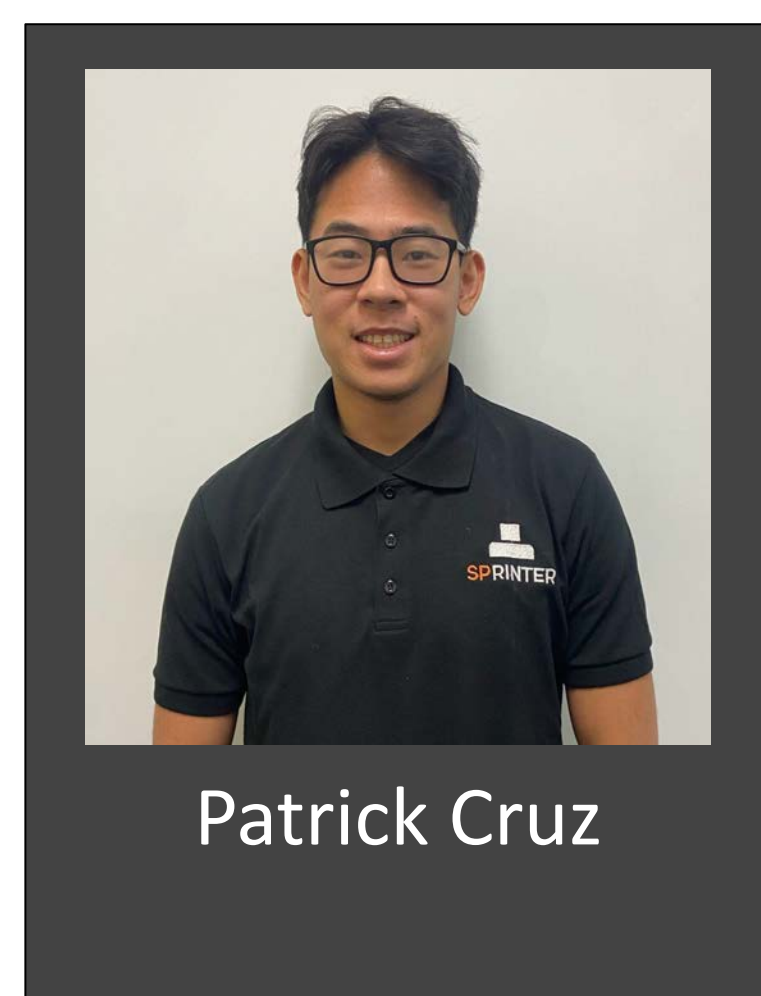
## Final CAD Model



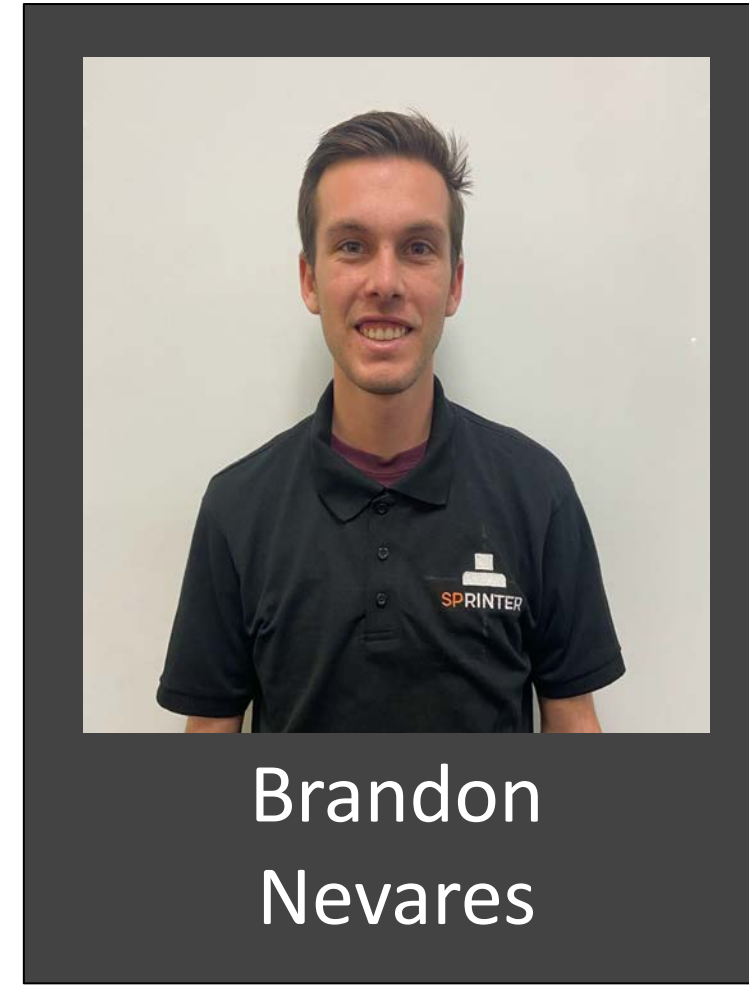
## Testing



## Meet The Team



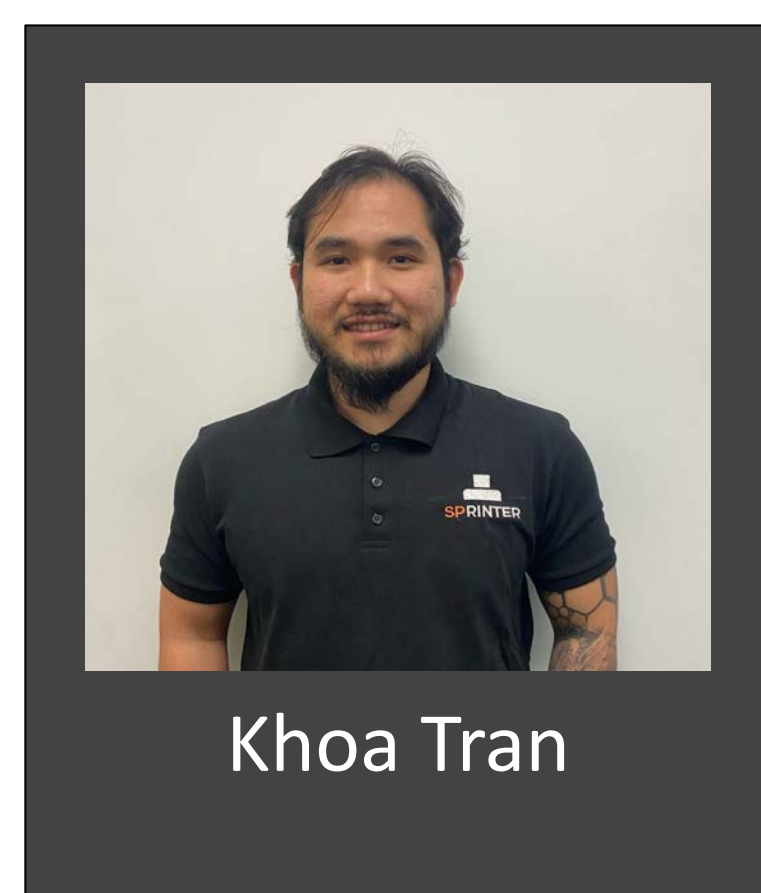
Patrick Cruz



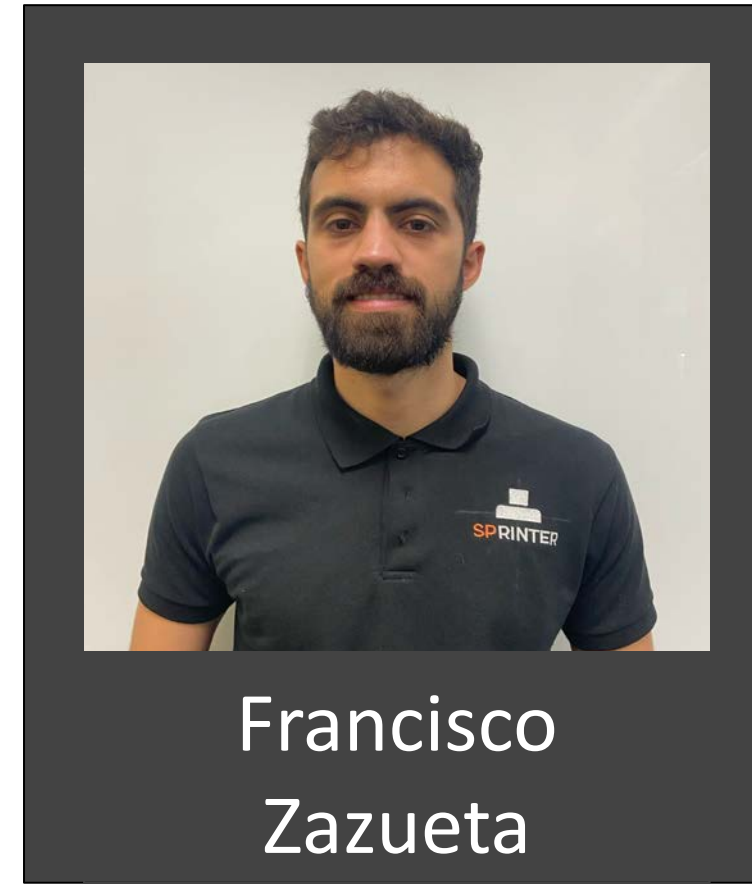
Brandon Nevares



Justin Palisoc  
(Team Lead)

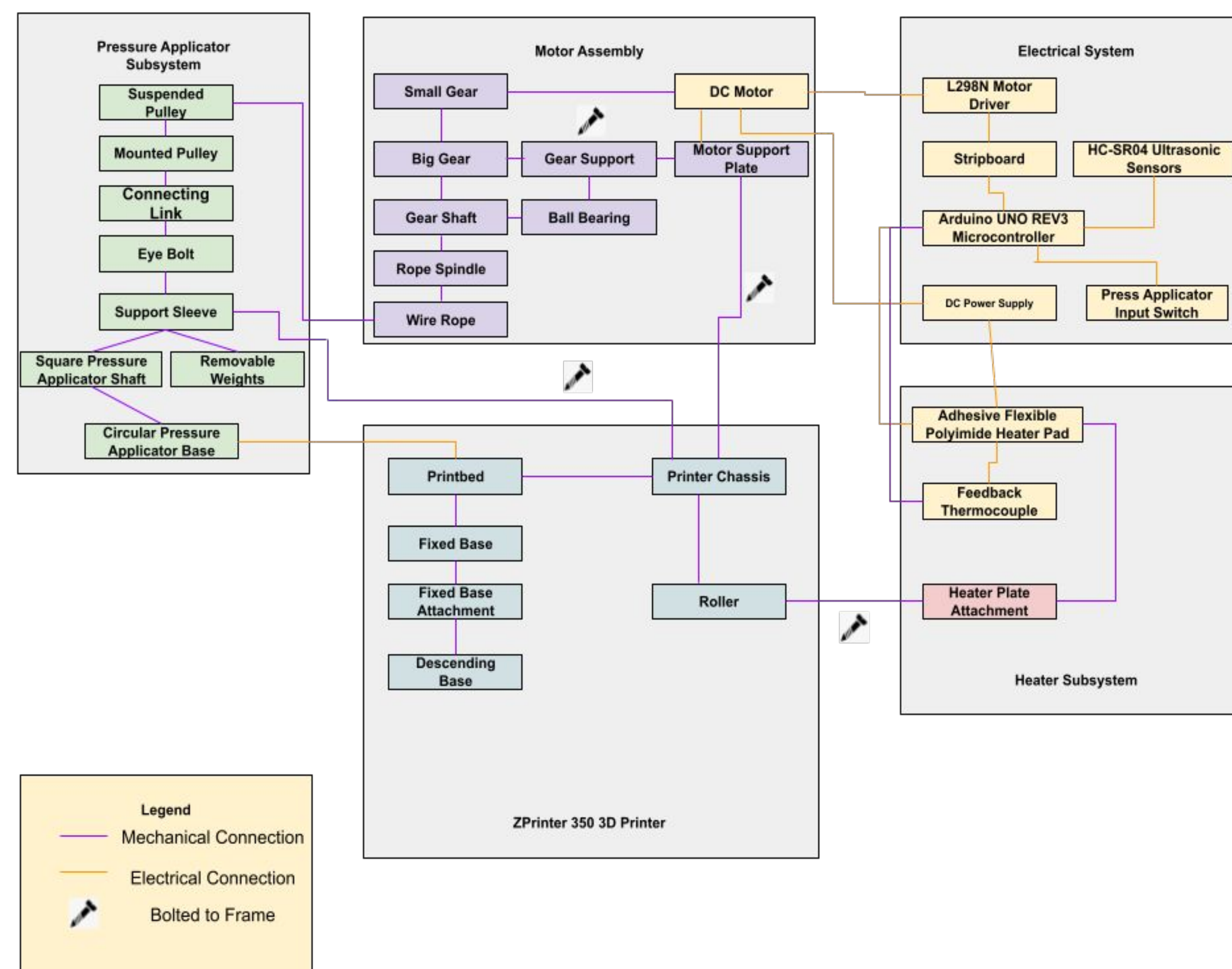


Khoa Tran



Francisco Zazueta

## System Level Diagram



## Acknowledgements

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