

Olasunkanmi Alade,
Product Design
Engineer

2024



Portfolio

[VIEW MY WORK](#)

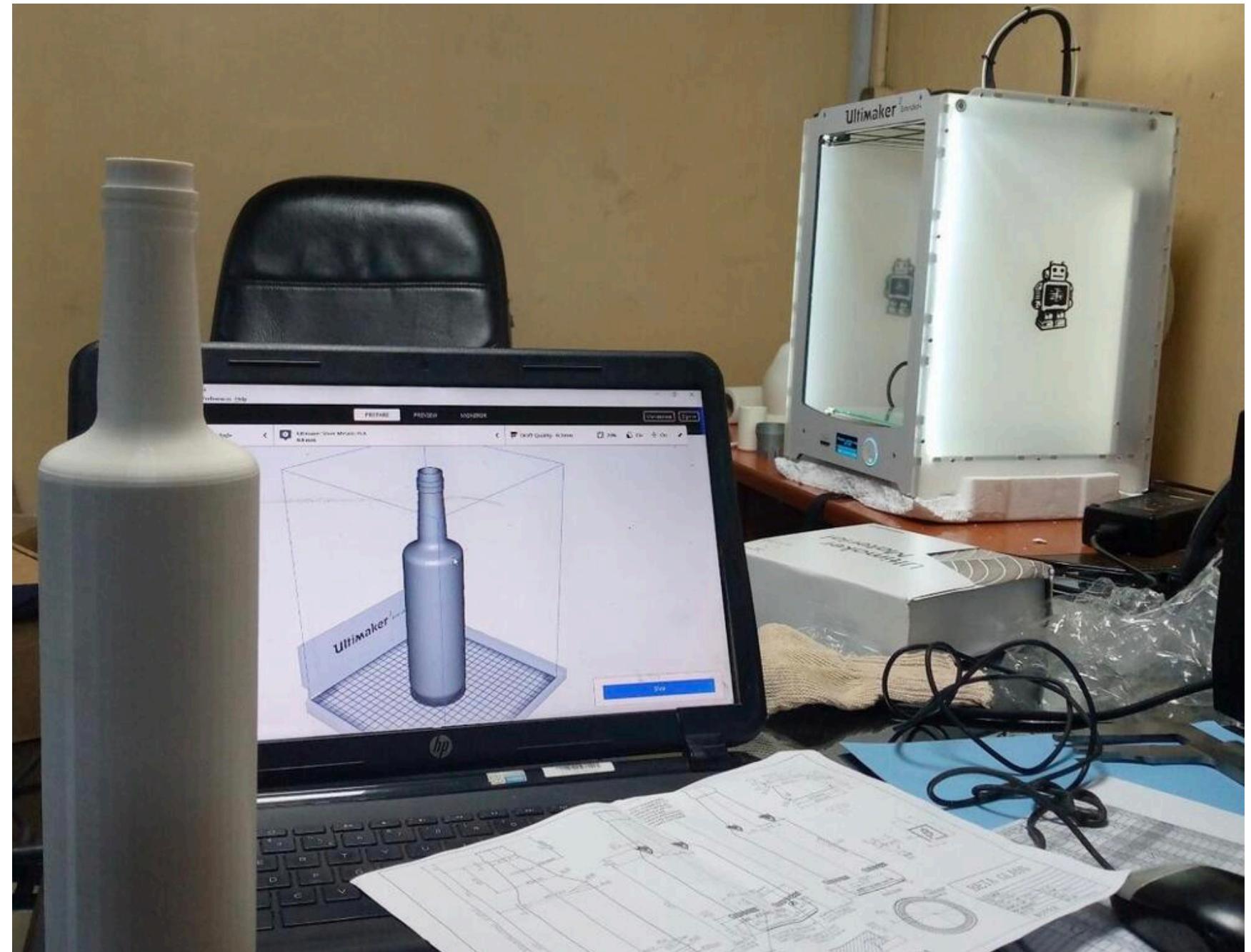


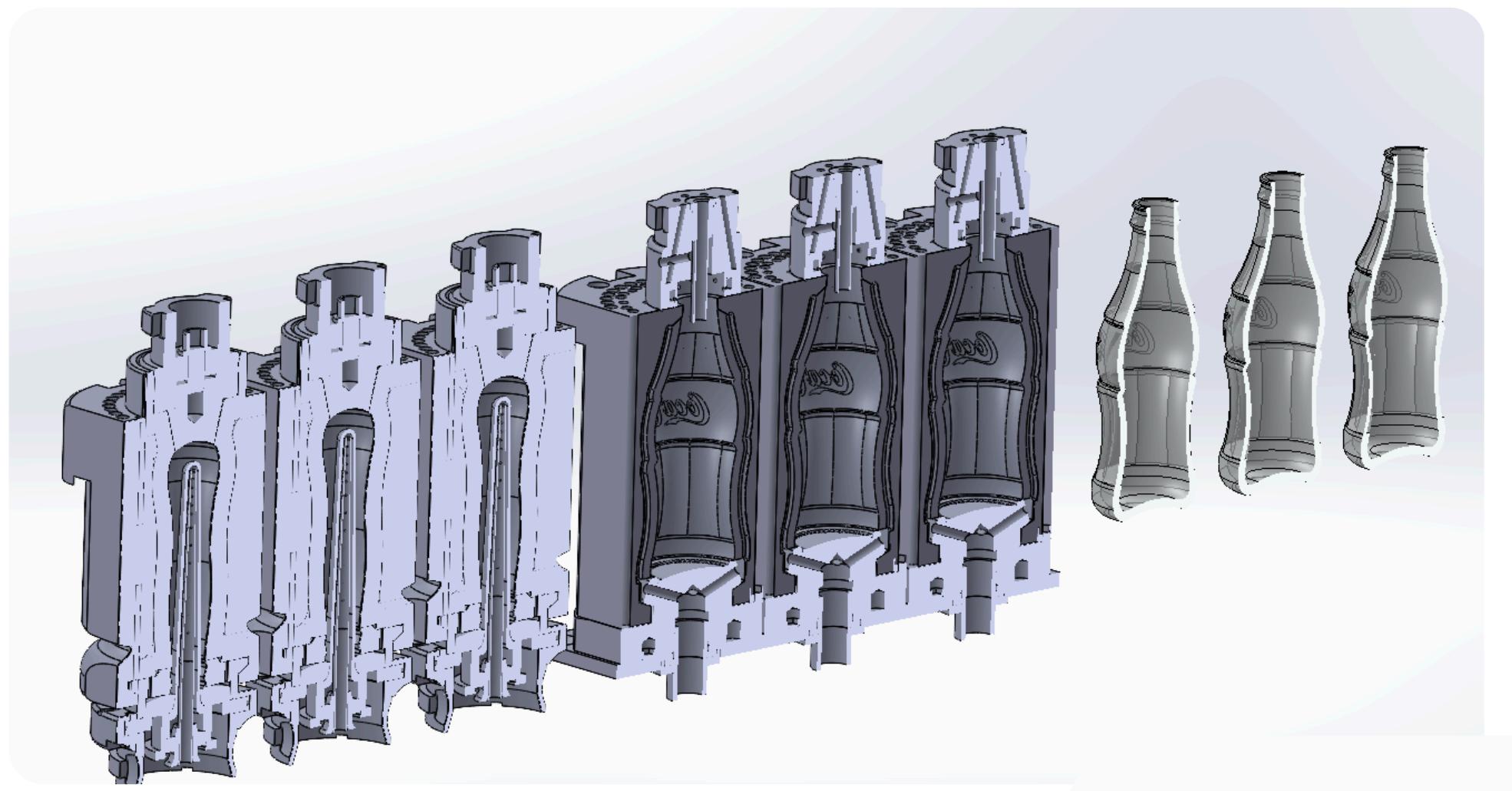
My philosophy is to create innovative, user-centric, and reliable products by prioritizing usability and aesthetics, embracing continuous improvement, collaborating effectively with cross-functional teams, ensuring sustainability and ethical responsibility, paying meticulous attention to detail, and remaining adaptable to change.

PROTOTYPING A GLASS CONTAINER

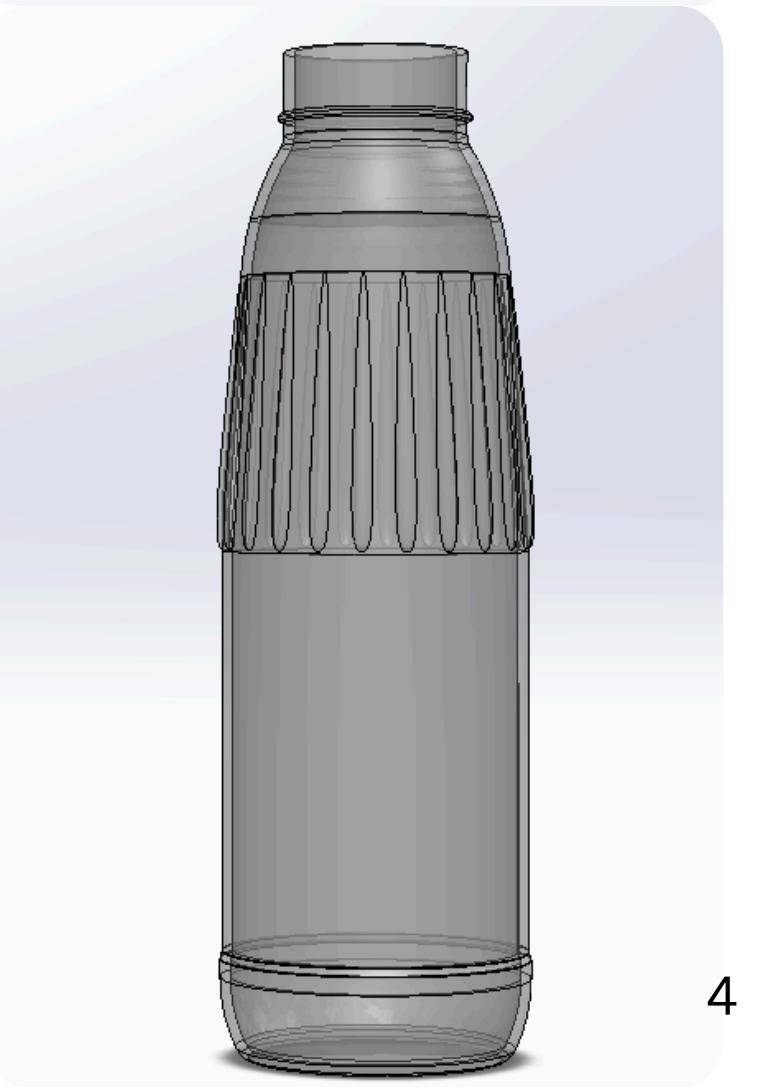
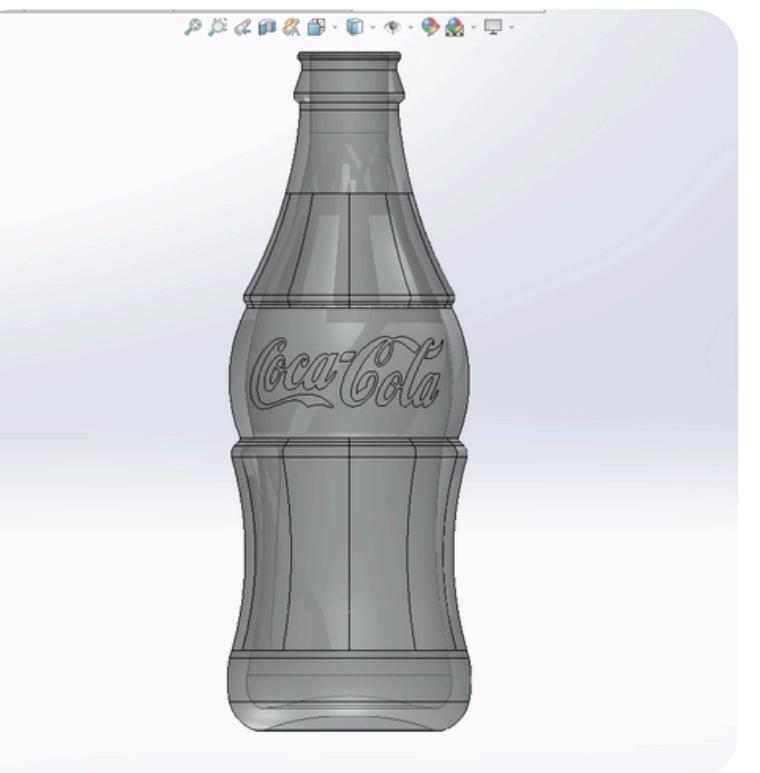
Design Evolution: From concept sketch to final bottle, each step refines grip, weight, and flow for a smoother pour.

Designed with Solidworks
Printed with Ultimaker extended 2 FDM



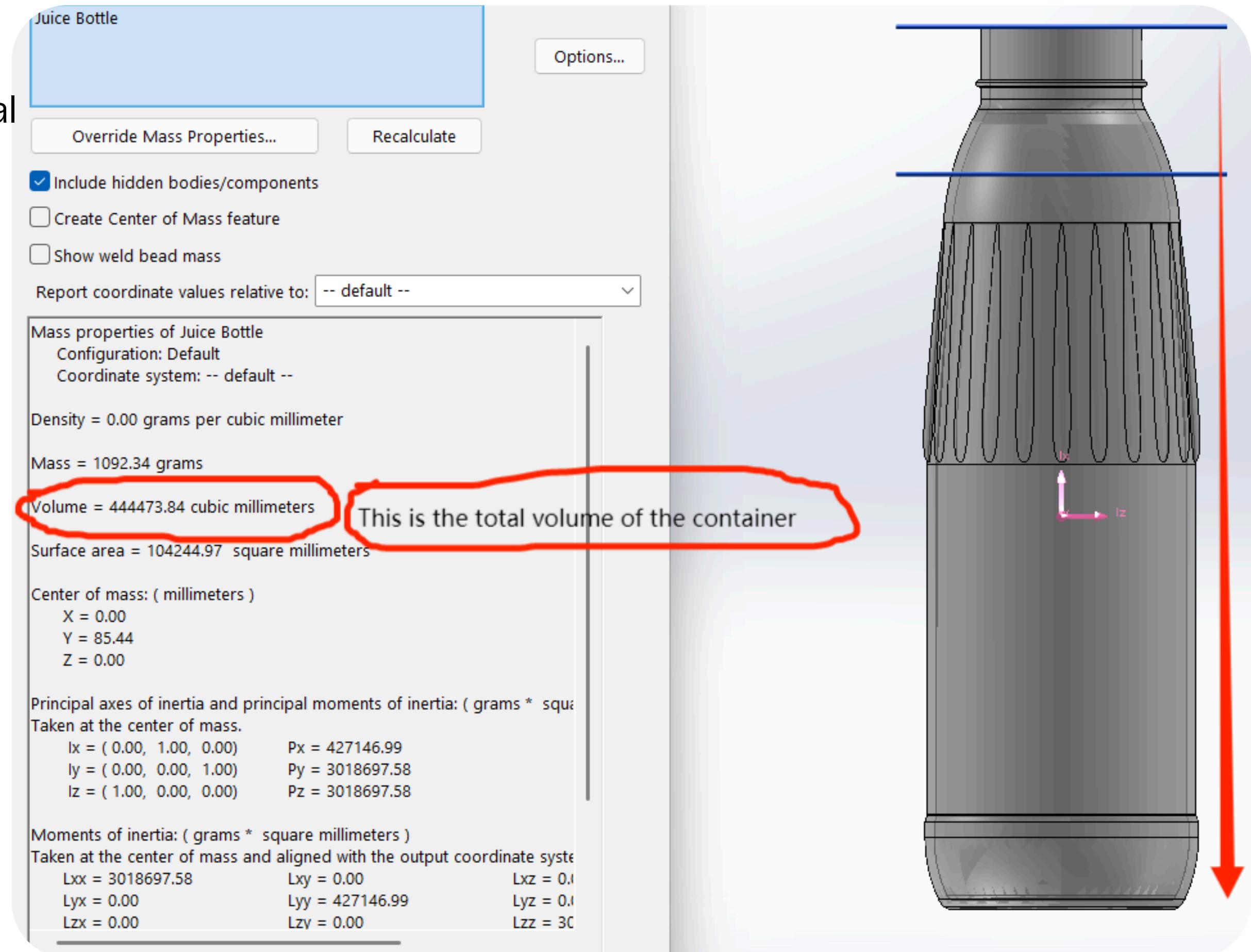


Section View: Fully assembled mold stack showing cavity, core, and cooling paths for balanced glass flow.

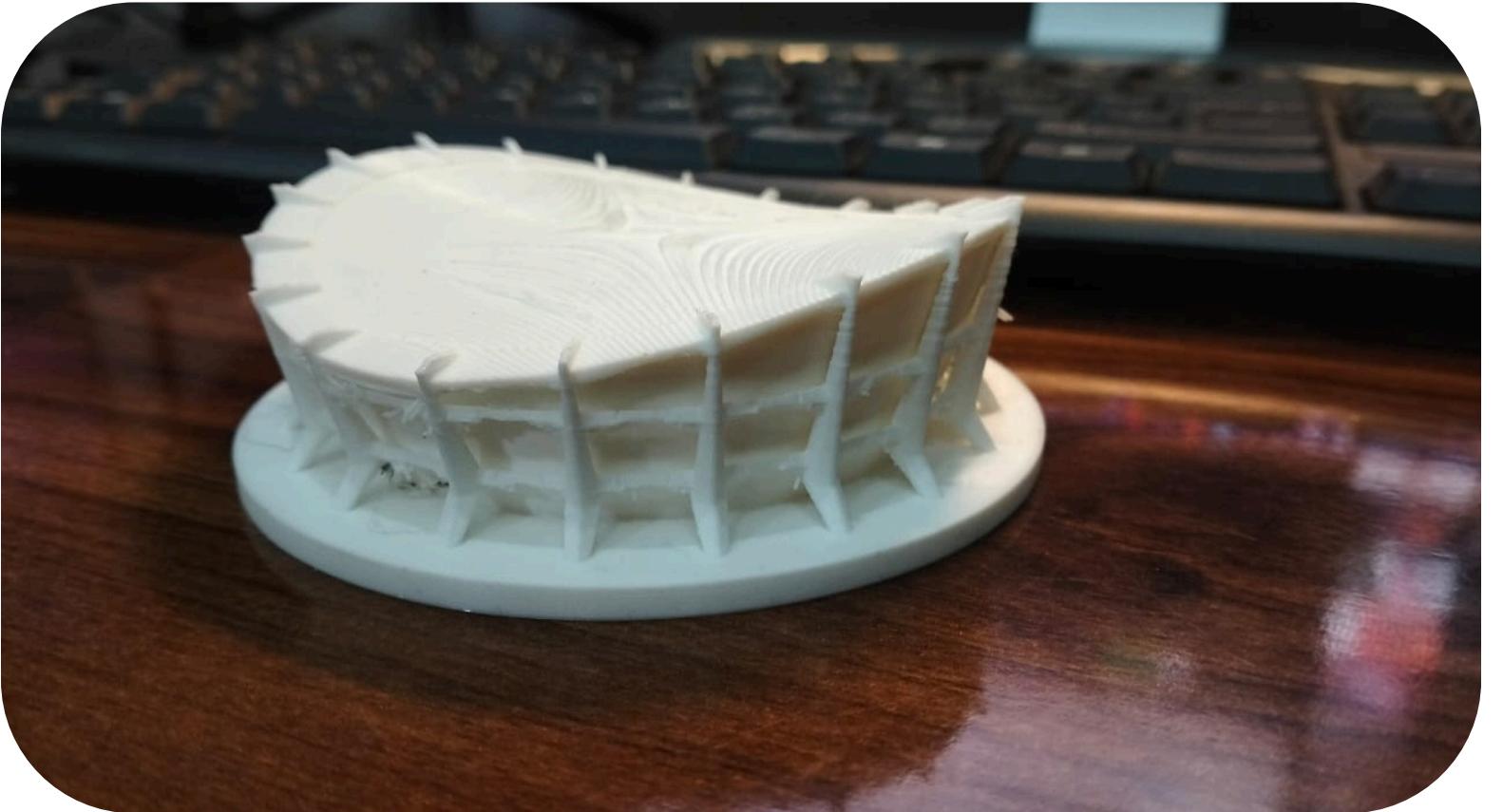


Simulation Summary: Calculated total volume and weight of the glass container to validate material use and final mass.

Results confirm feasibility for production and shipping.

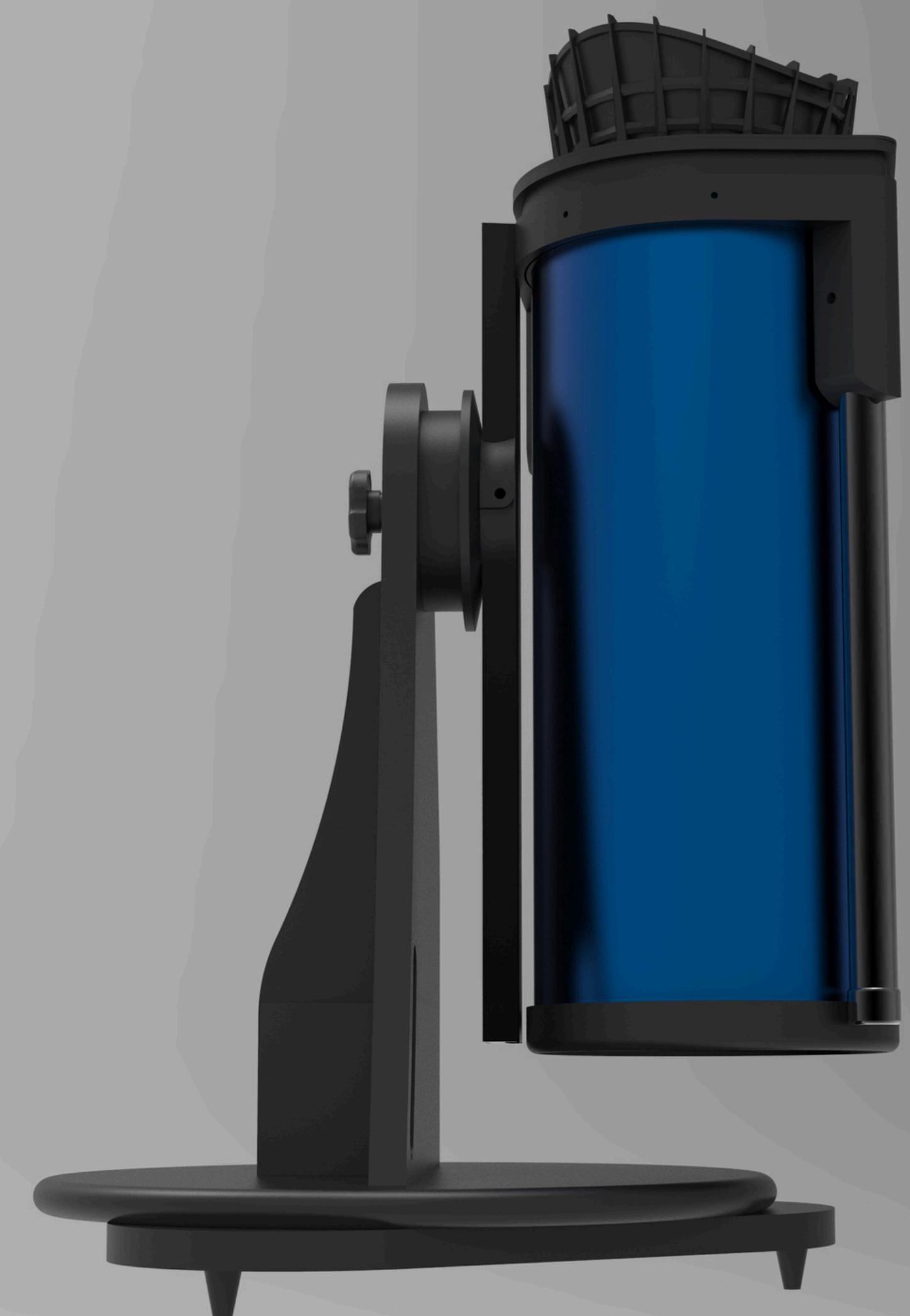


DESIGN AND 3D PRINTING OF A CUSTOM MADE TELESCOPE



DFM Case Study: Turning the National Theatre's form into a functional telescope cover.

Designed with Solidworks
Printed with BIQU B1 FDM



PROTOTYPE DESIGN FOR THE MANUFACTURING OF A LIGHT TACTICAL APC



Manufacturing-ready APC prototype: compact footprint, rugged suspension, and scalable protection. CAD in Solidworks; presentation renders in Blender.

Designed with Solidworks
Rendered on Blender



PRODUCT DESIGN FOR THE MANUFACTURING OF AN ELECTRIC BIKE



Designed with Solidworks
Rendered with Keyshot

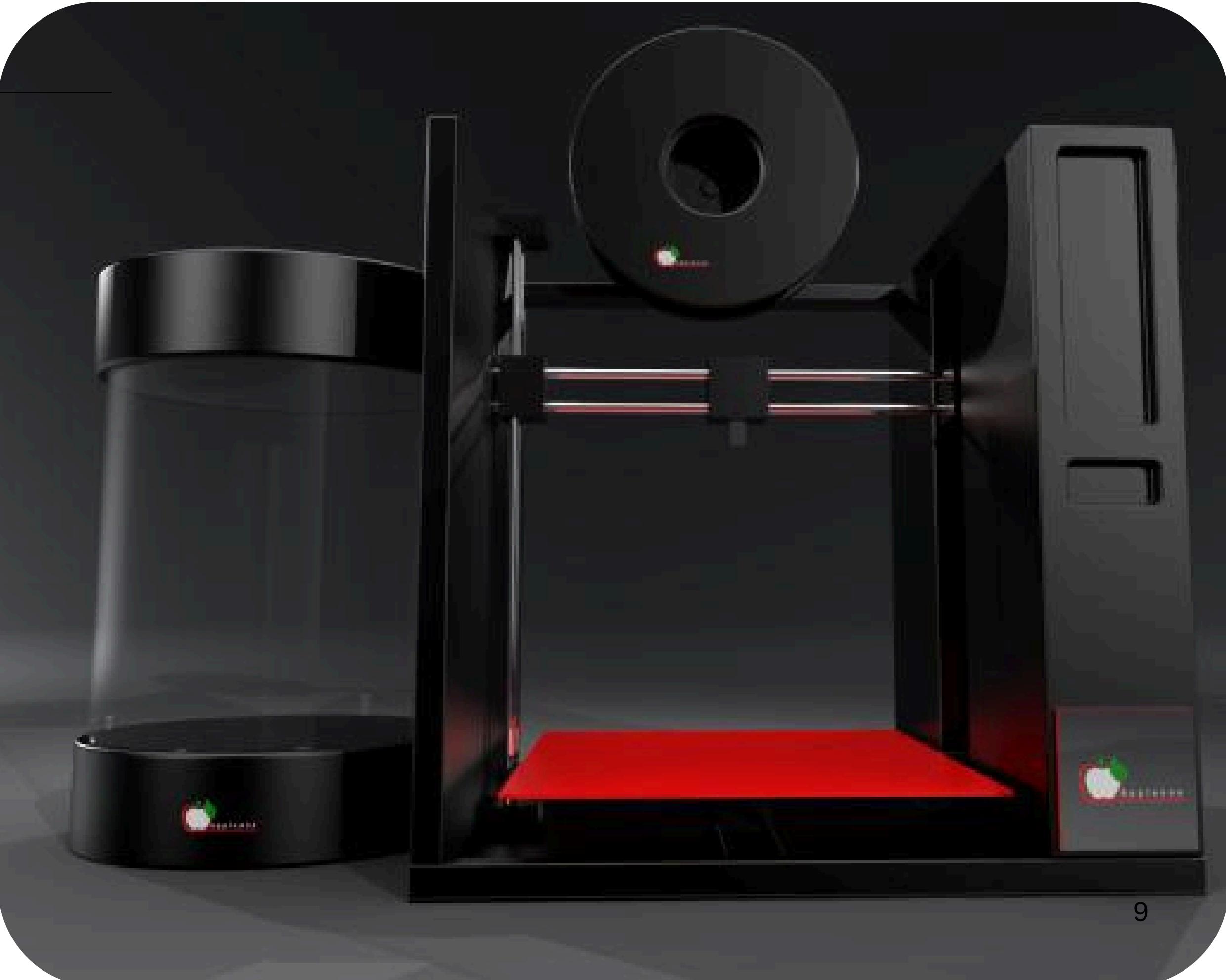
Battery-powered, plug-in ready. Built to be made.yshot



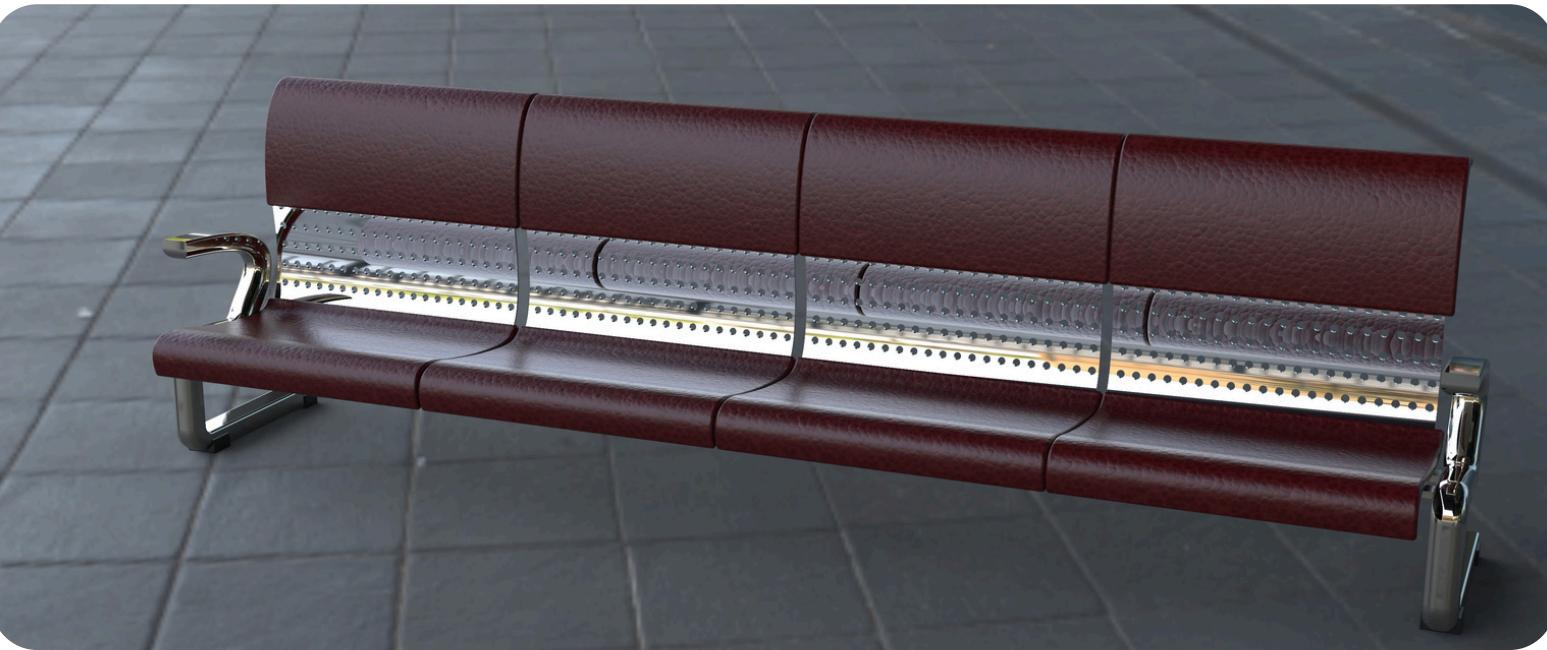
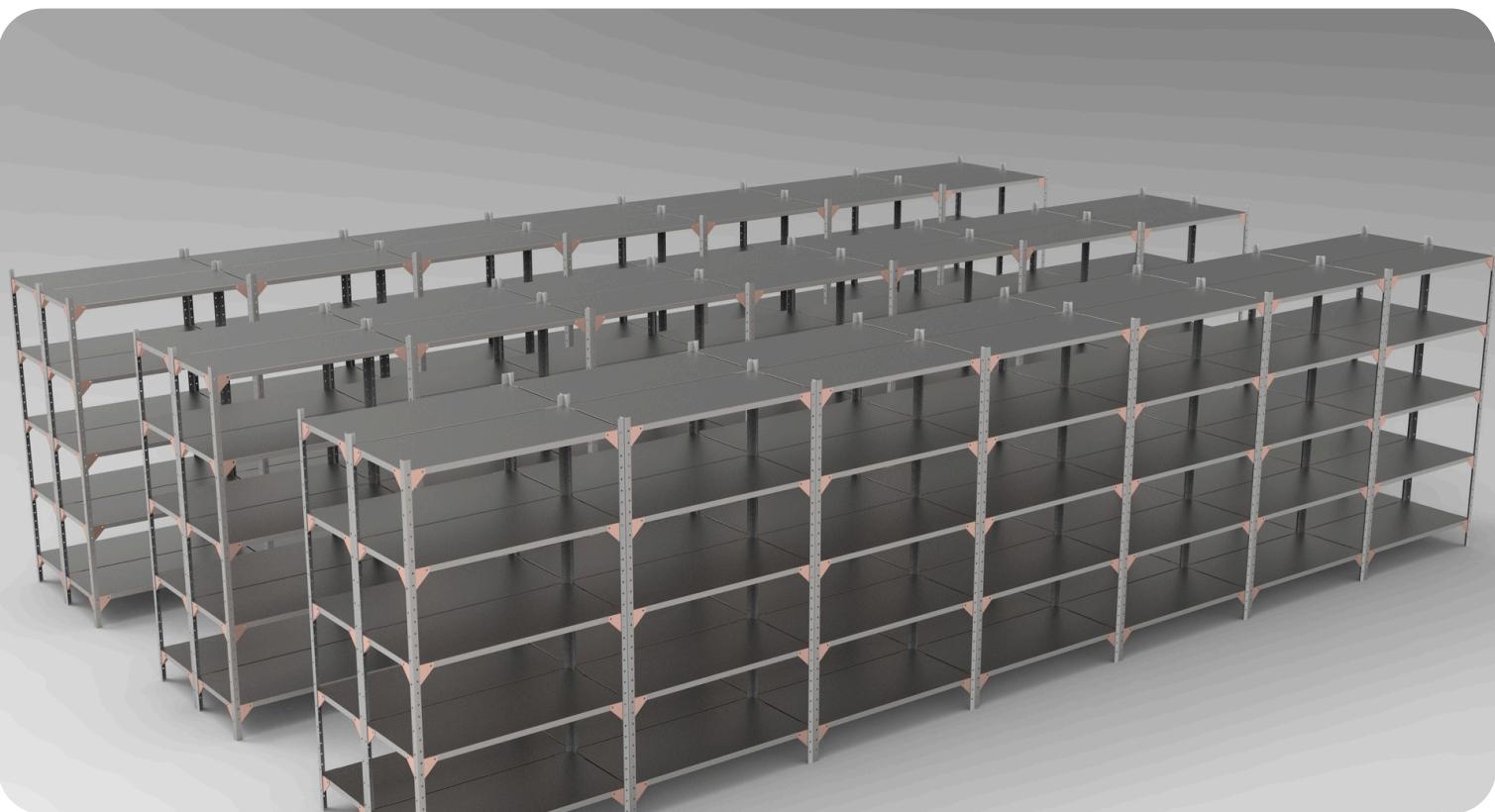
DESIGN OF A CUSTOM MADE 3D PRINTER

Design for Manufacturing
of a Custom 3D Printer
with integrated acetone
storage and tool cabinet

Designed with Solidworks
Rendered with Autodesk VRED
09 Engineering Project

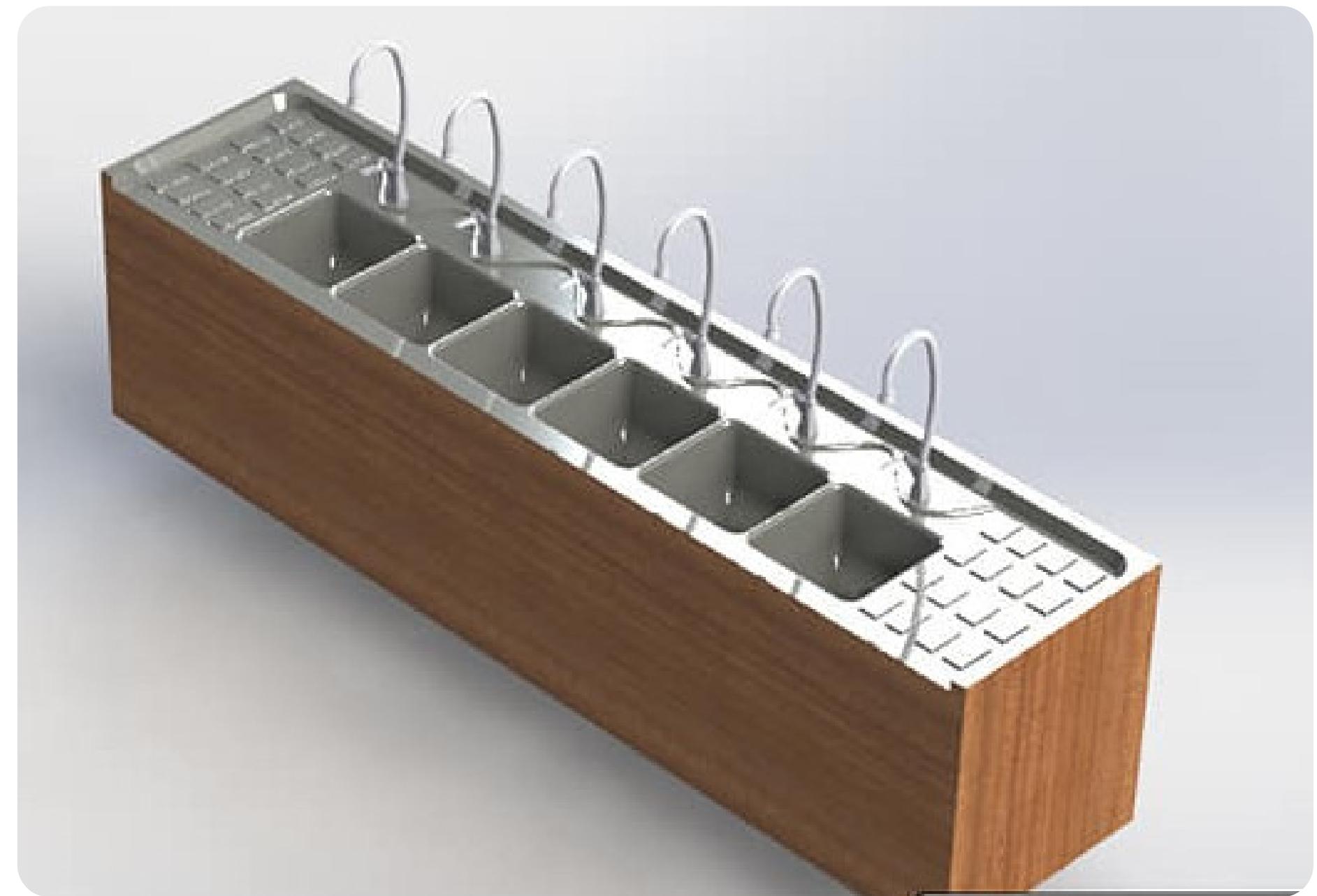


DESIGN OF A WAREHOUSE AND SUPERMARKET RACK



Designed with Solidworks 10
Rendered with Keyshot

OTHER RELATED DESIGNS AND PROJECTS



OTHER RELATED DESIGNS AND PROJECTS



Designed with Solidworks 12
Rendered with Keyshot

OTHER RELATED DESIGNS AND PROJECTS

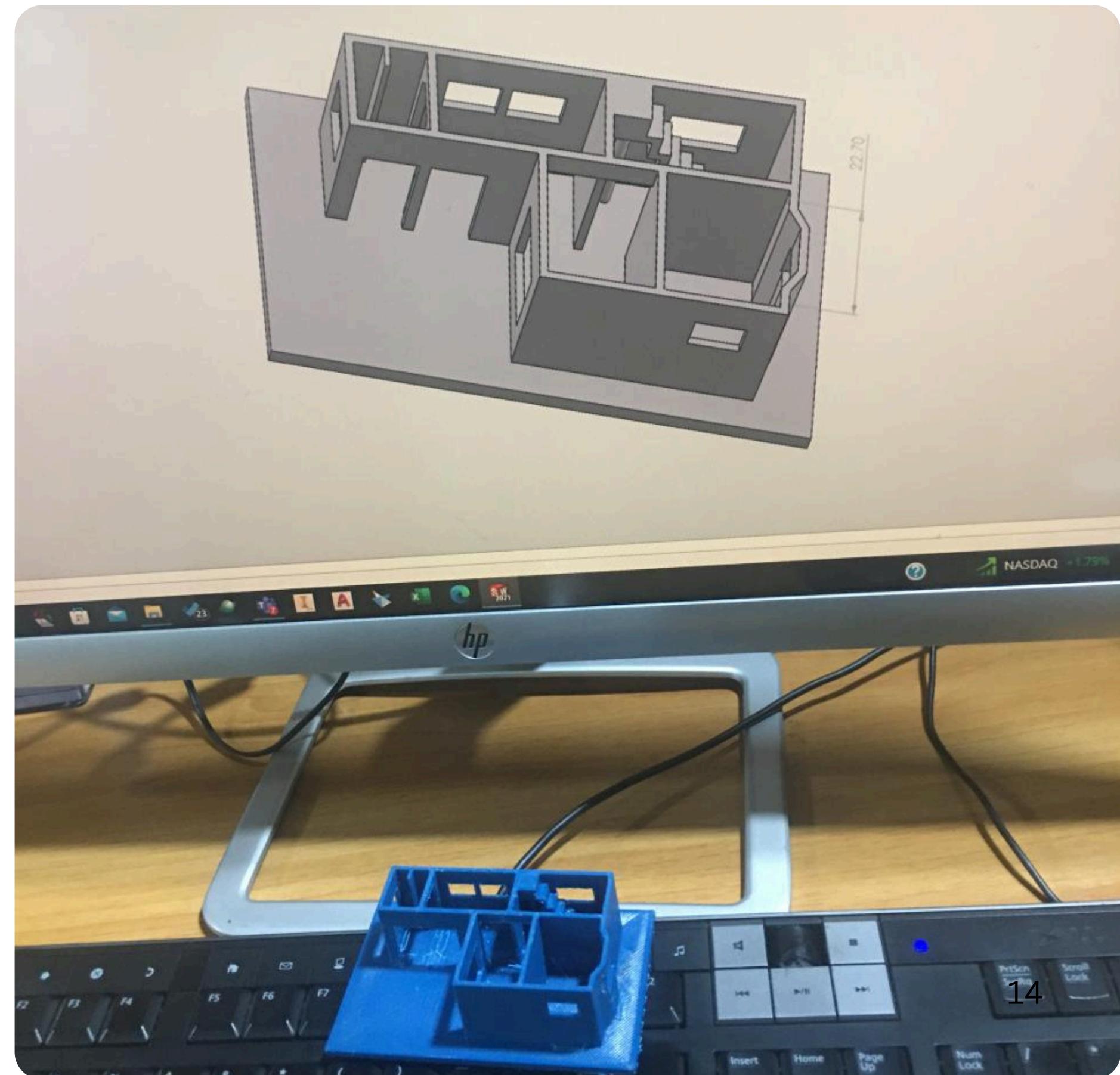


Designed with Solidworks 13
Rendered with Keyshot

OTHER RELATED DESIGNS AND PROJECTS



Designed with Solidworks
Rendered with Keyshot



CONCEPTUAL DESIGN OF A LIGHT TACTICAL PANTHER APC



Designed with Solidworks
Rendered with Keyshot

Contact Information

Olasunkanmi Alade

EMAIL

olasunkanmi.alade20@gmail.com

PHONE

+966 545765637

WHATSAPP

+234 811-947-4055

GET IN TOUCH