

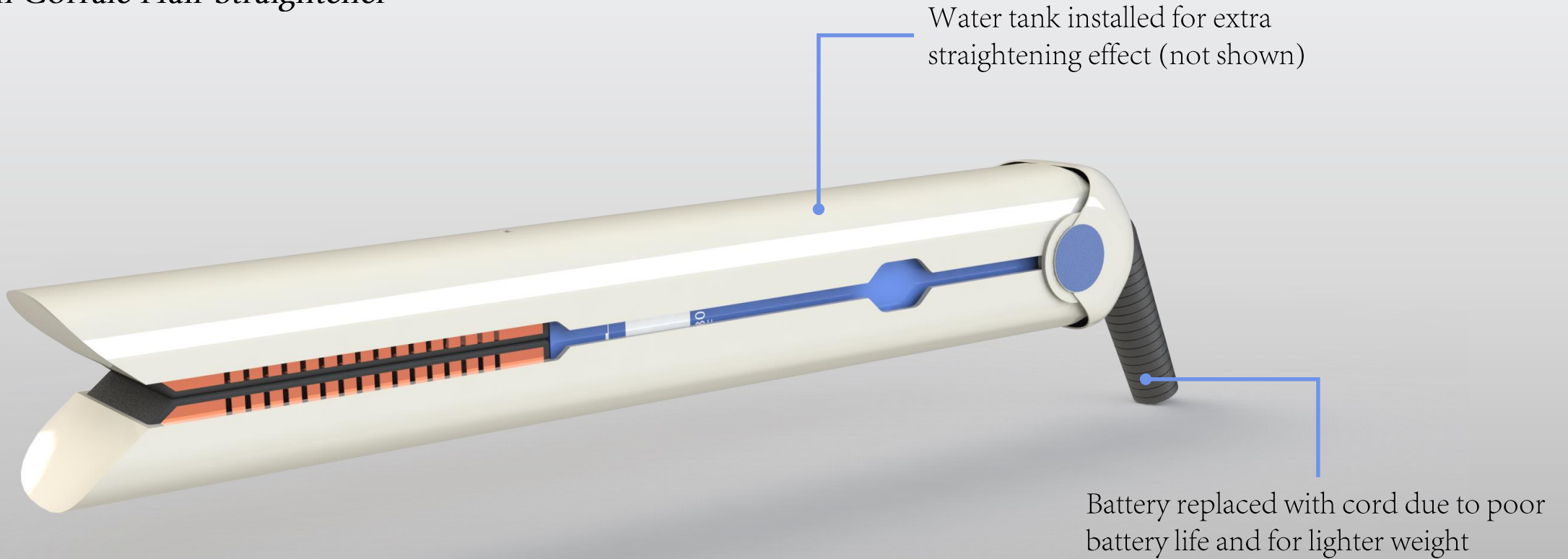
Design Portfolio

Sarah Bradshaw



Next Generation Design

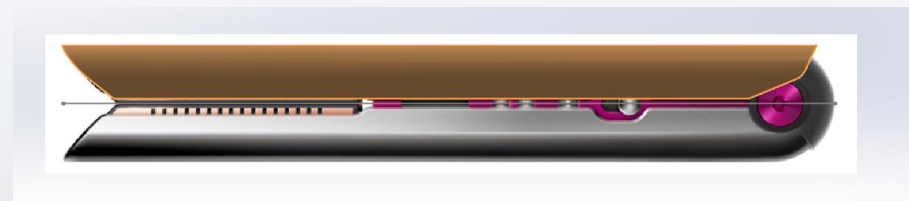
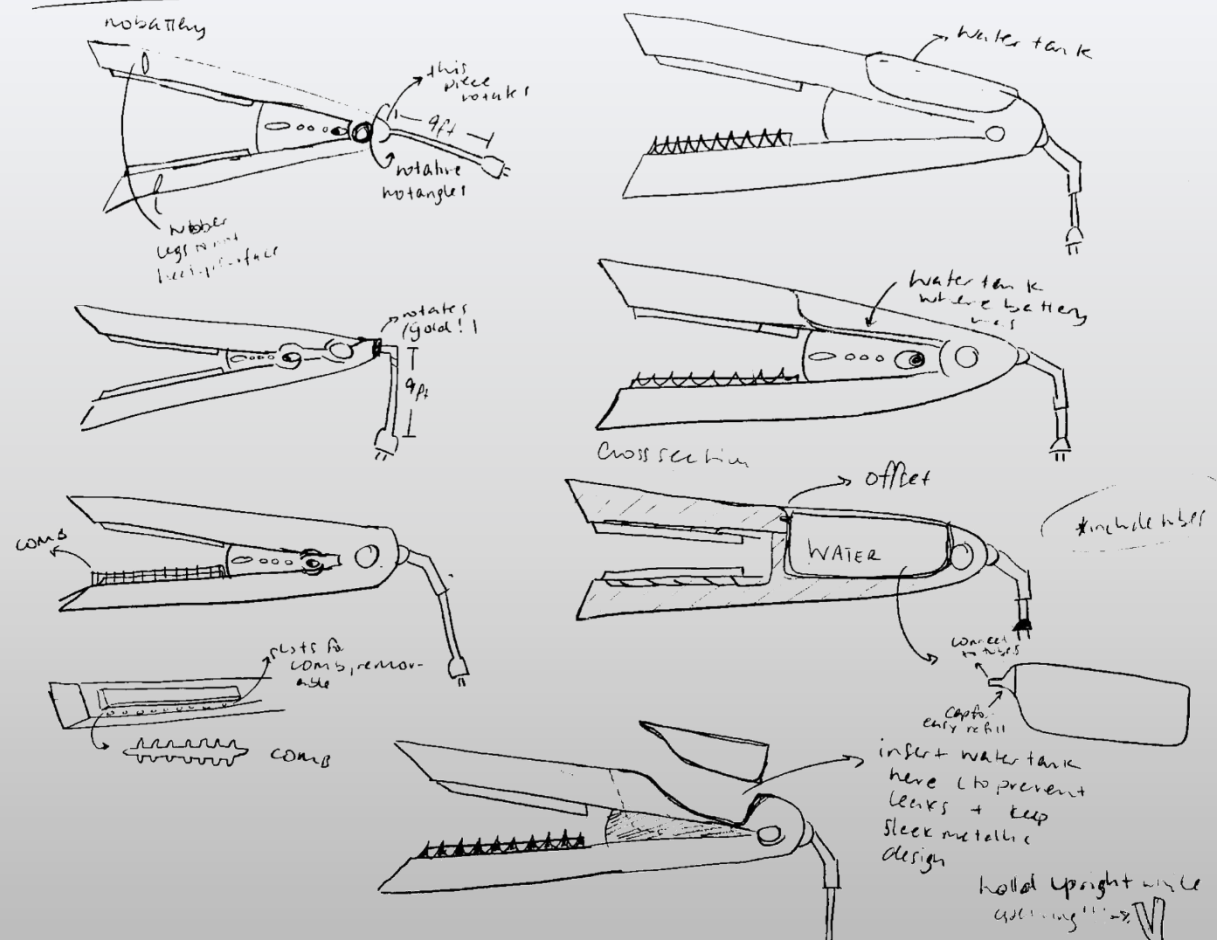
Dyson Corrale Hair Straightener



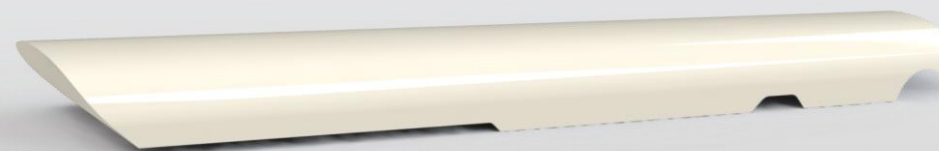
Created using surface and solid techniques, sketch pictures, design tables, and master modelling.

Sarah Bradshaw

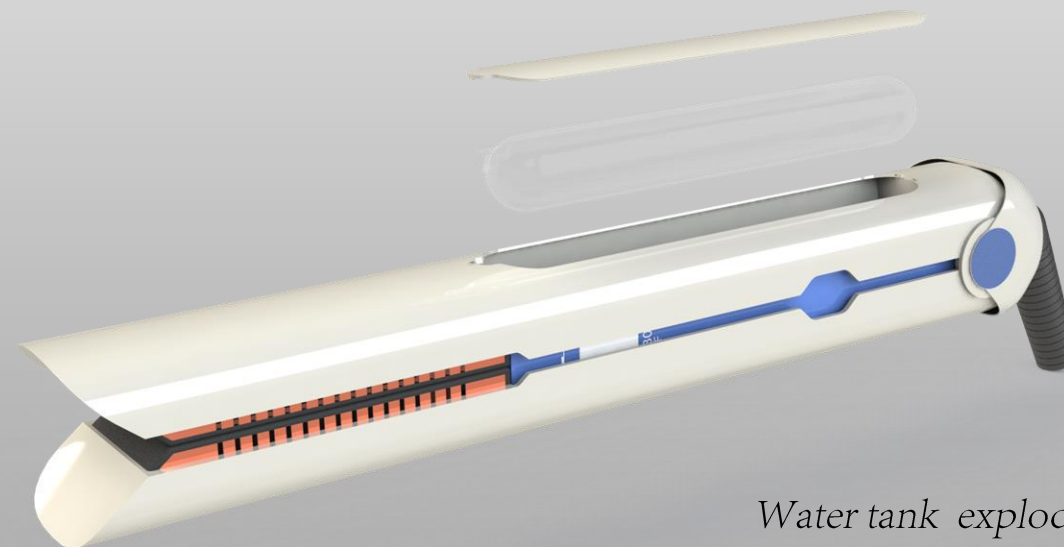
DYSON CORRALE HAIR STRAIGHTENER



Sketch picture



First loft



Water tank exploded view

Progression from conceptual ideas to the model

Sarah Bradshaw

Conceptual Drone

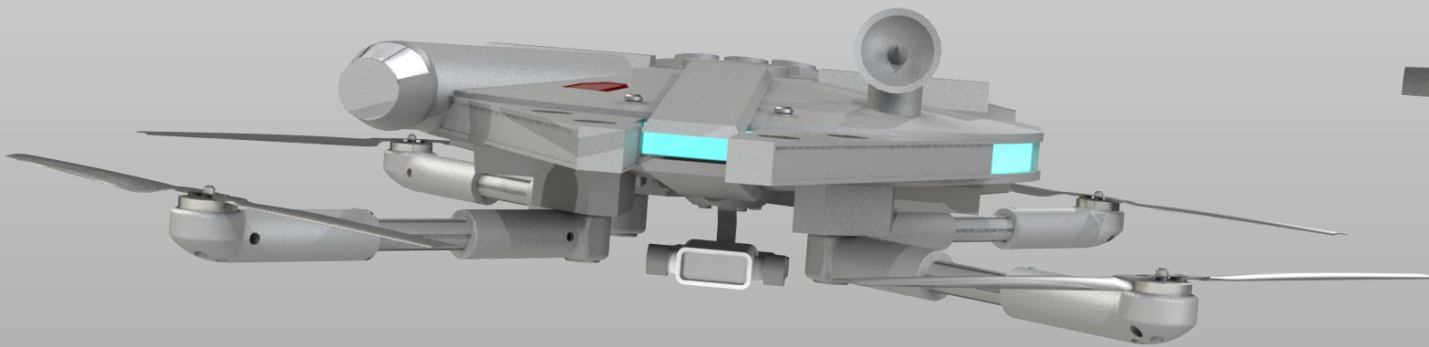
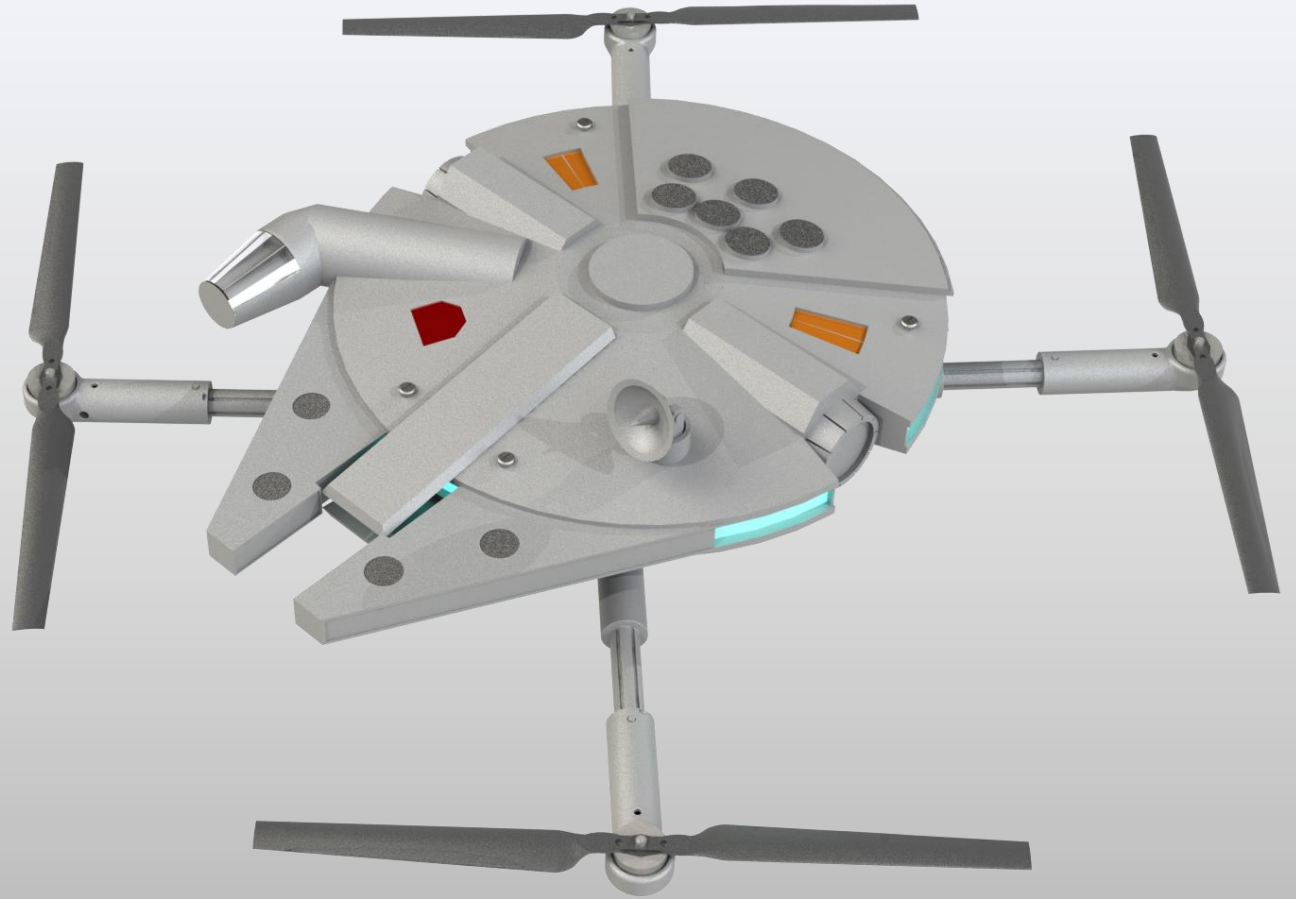
Inspired by the Millennium Falcon

Contributions:

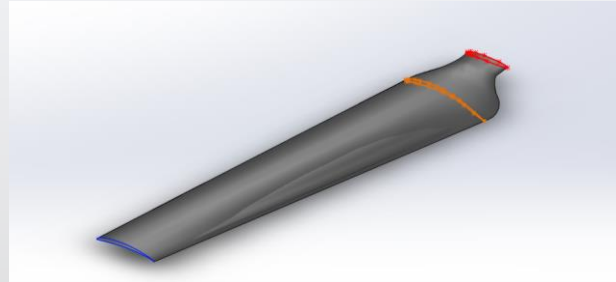
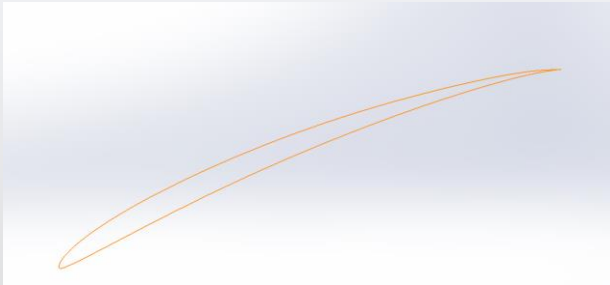
Isaac Doddridge: Body and inner components

Adam Allinson: Retractable arms and motors

Sarah Bradshaw: Propellers and Camera

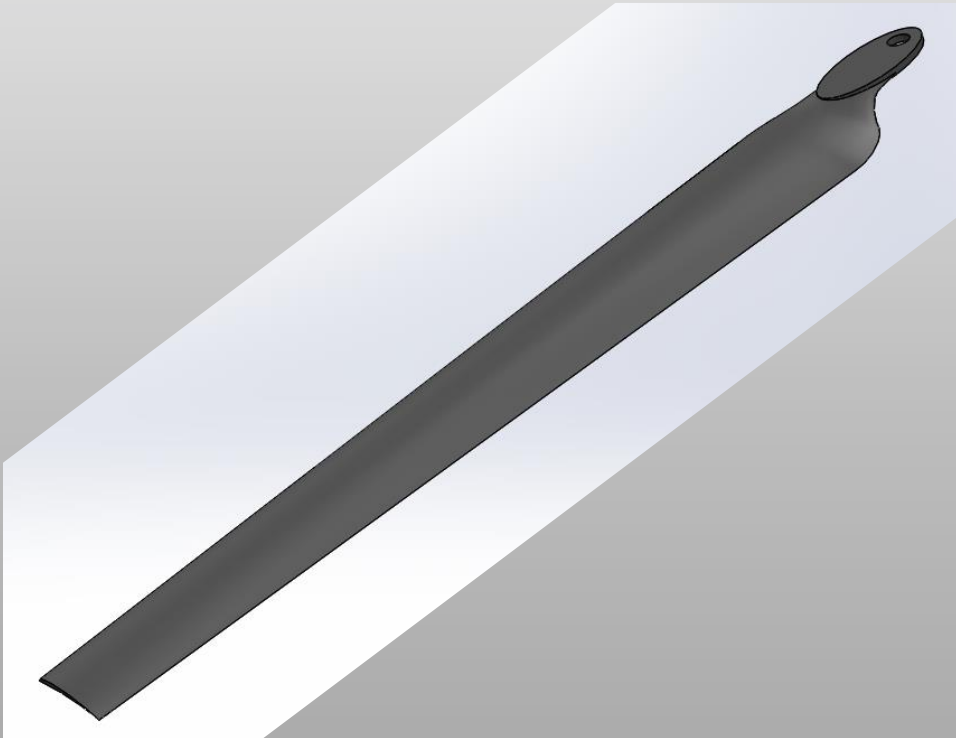


Propellers

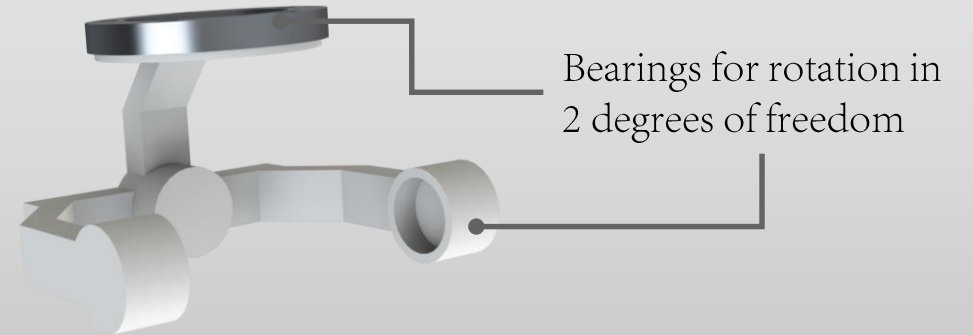
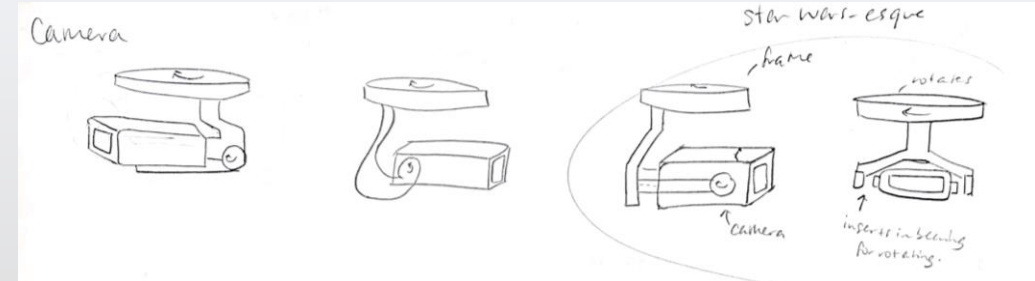


Curve for Airfoil ch10sm-il downloaded from Airfoiltools.org

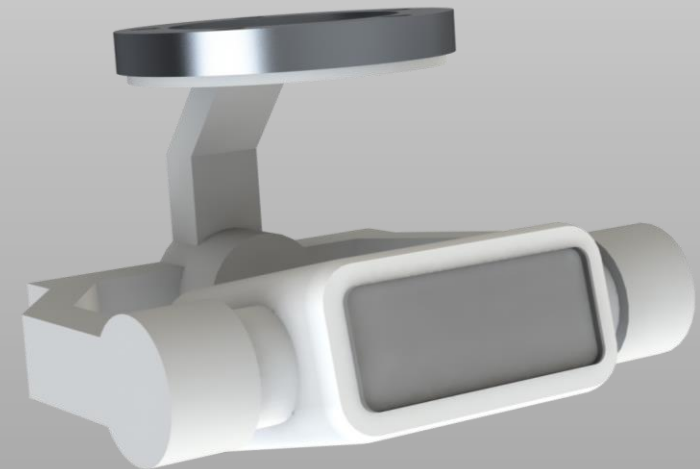
First loft between airfoils



Camera



Created using solid extrusions



Hydroflask

First attempt at Surface modelling.

Lofted surface

Surface revolve of inner
and outer surface

Master modelled boot



Vacuum portion

Lego Brick Model of Norwegian Skyscraper

2500+ components



Made entirely of LEGO bricks designed myself, using an extensive design table to update dimensions, studs, color, material, etc.

Assembled using several subassemblies for the walls, the windows, the bottom, middle, and top portion.

Subassemblies were linear patterned.