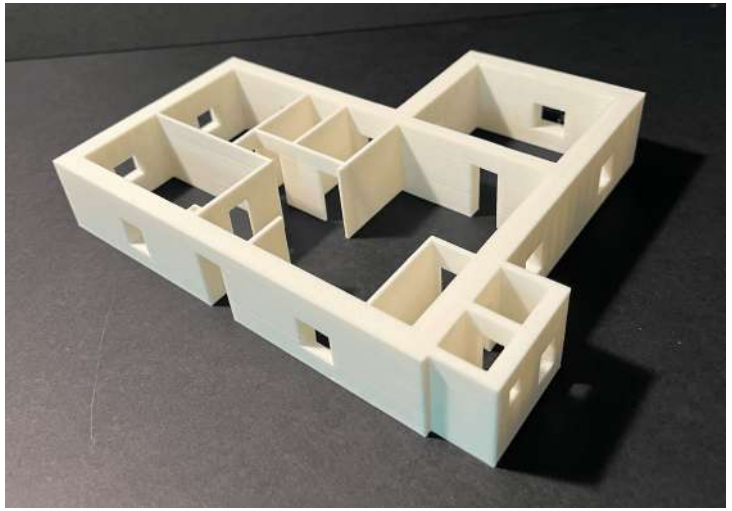
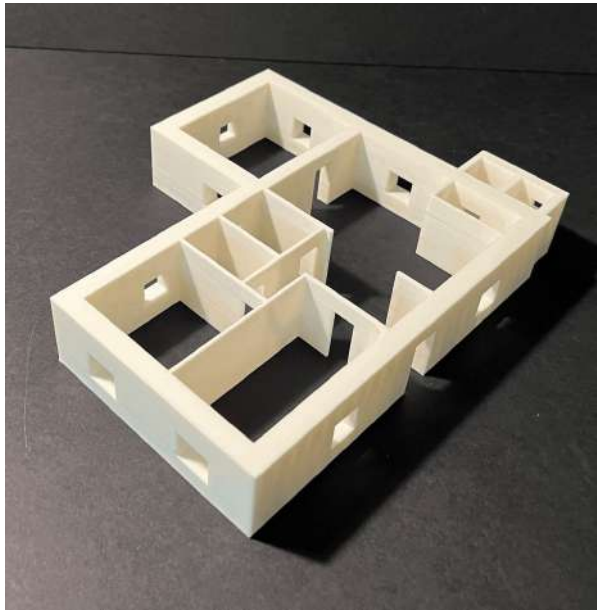
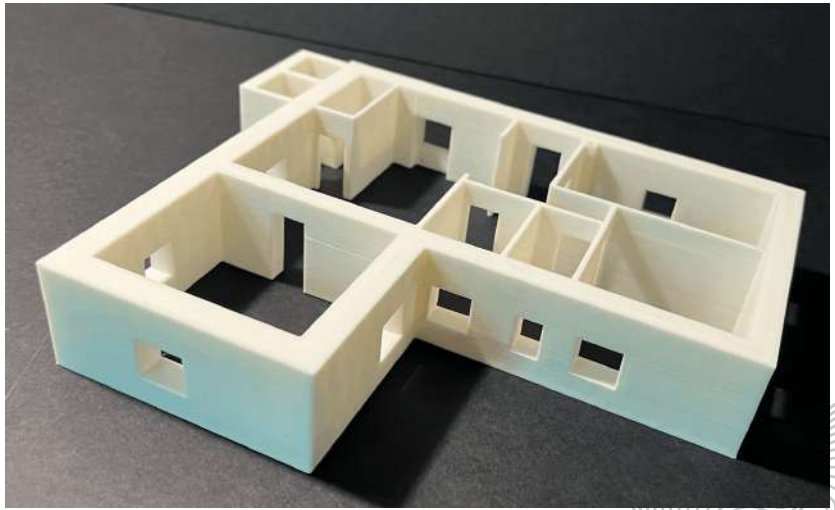
General Floor Plan

3D print of the floor plan

I made the design of a general home and then ‘cut it up’ into different walls and panel sizes.

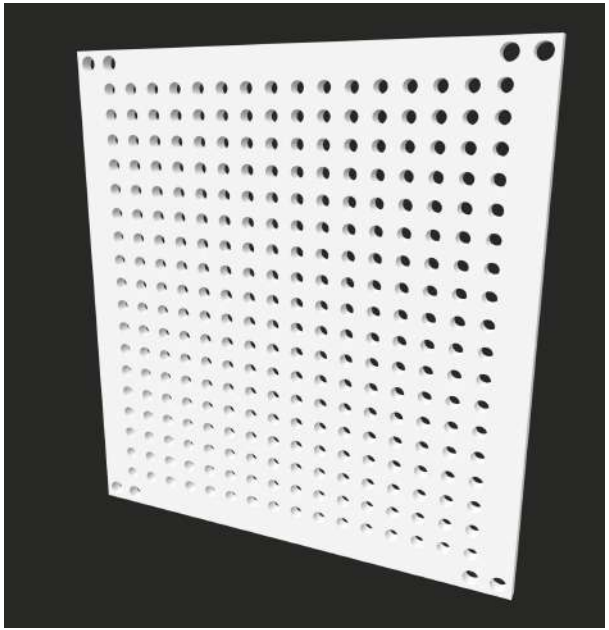




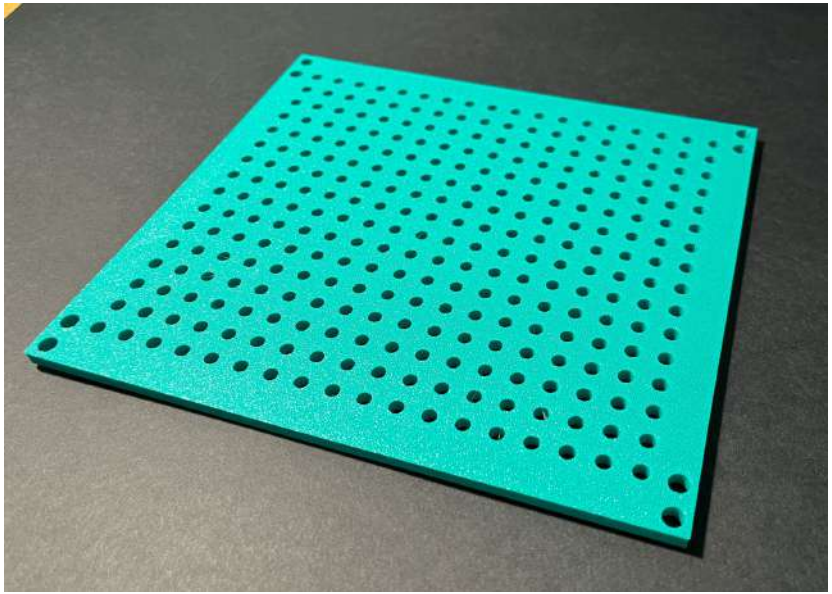


Base (2 pieces)

Size- length= 20cm , breadth= 18cm, width= 0.5cm



STL Files

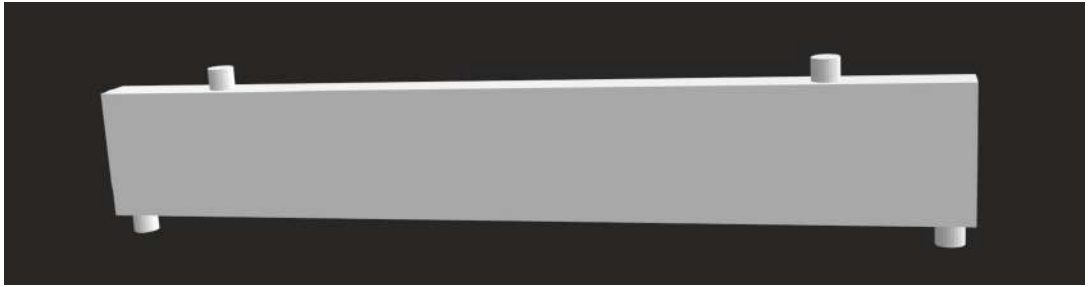


3D Printed Model

The base had holes so that the pins of the modular panels can be fitted and stable, can be used for different floors as well

Wall- long (5 pieces)

Size- height= 7.5cm, length= 20cm, width= 1cm



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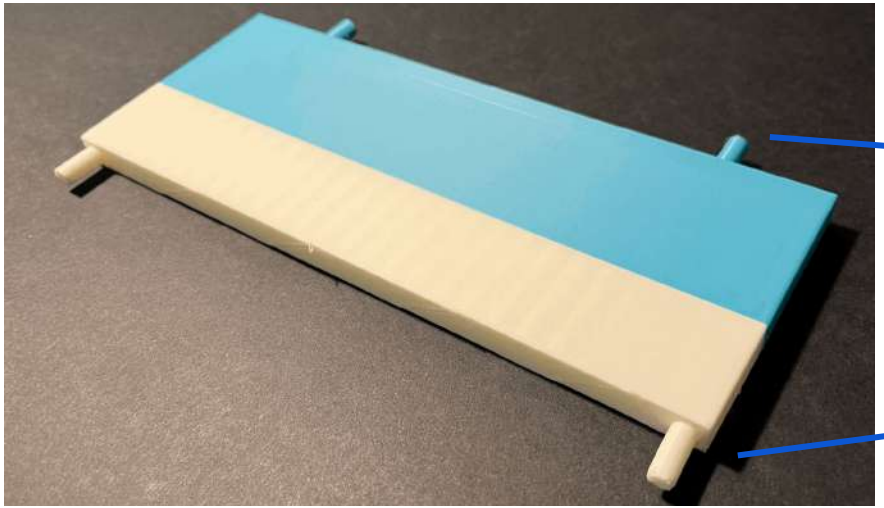


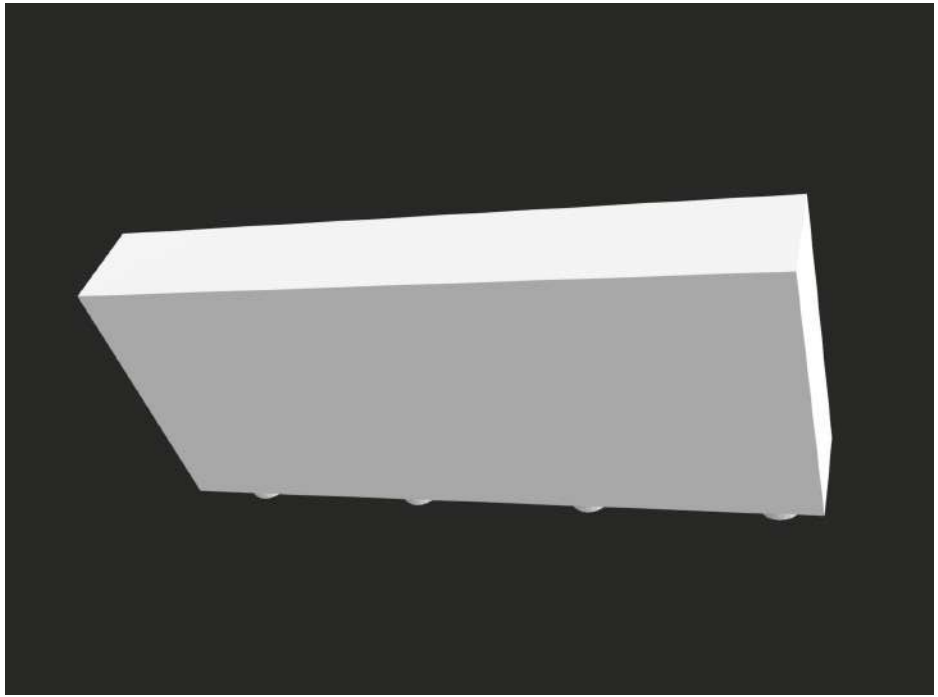
3D Printed Model

Pins to fit in holes for ceiling/second floor

Pins to fit in holes

Wall- medium 1 (5 pieces)

Size- height= 8.5cm, length= 7cm, width= 1cm



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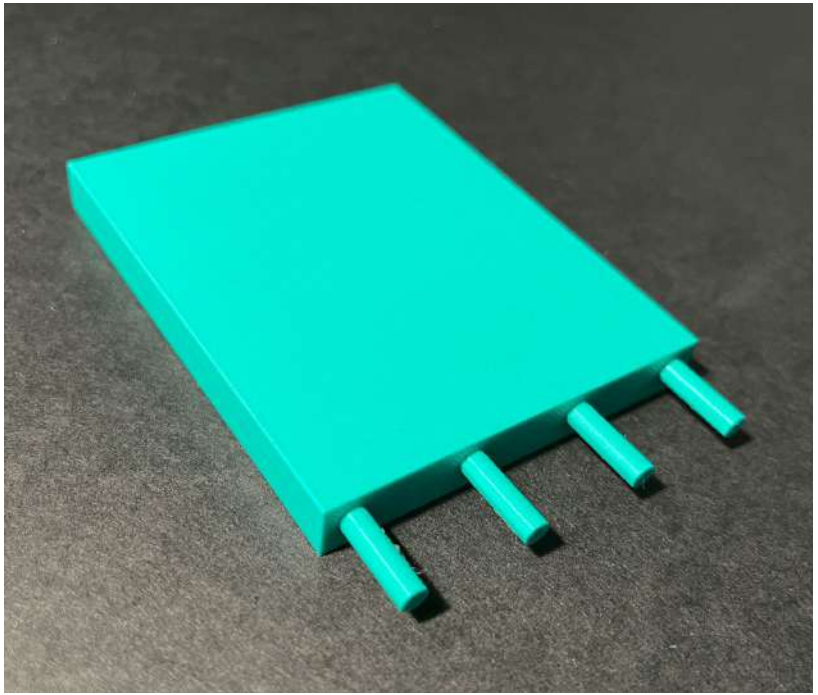
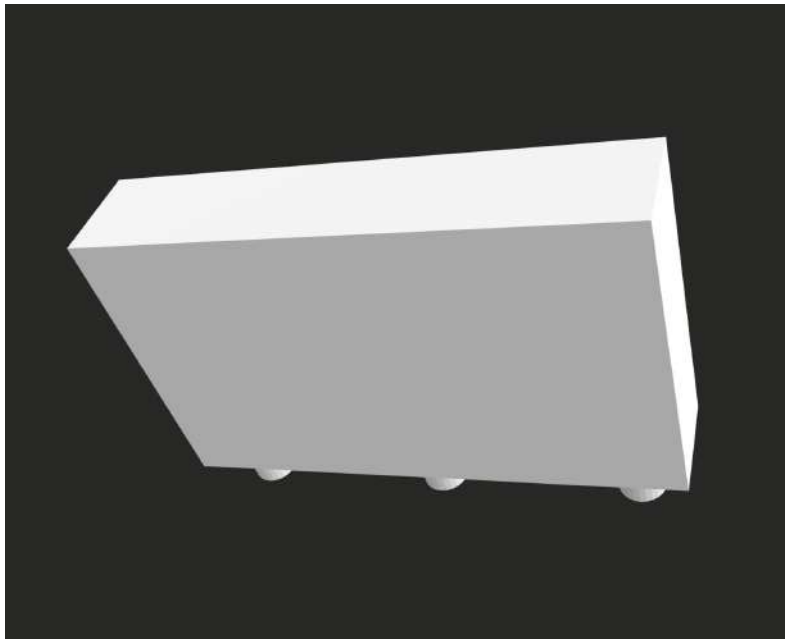


3D Printed Model

Wall- medium 2 (8 pieces)

Size- height= 8.5cm, length= 5cm, width= 1cm



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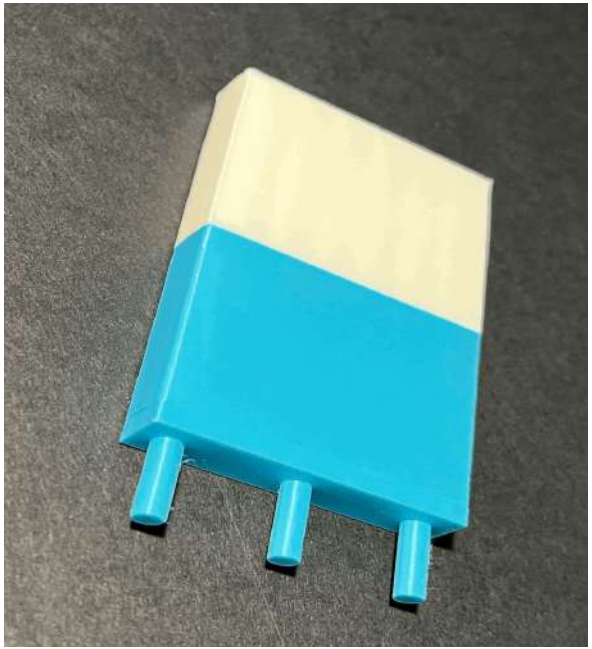
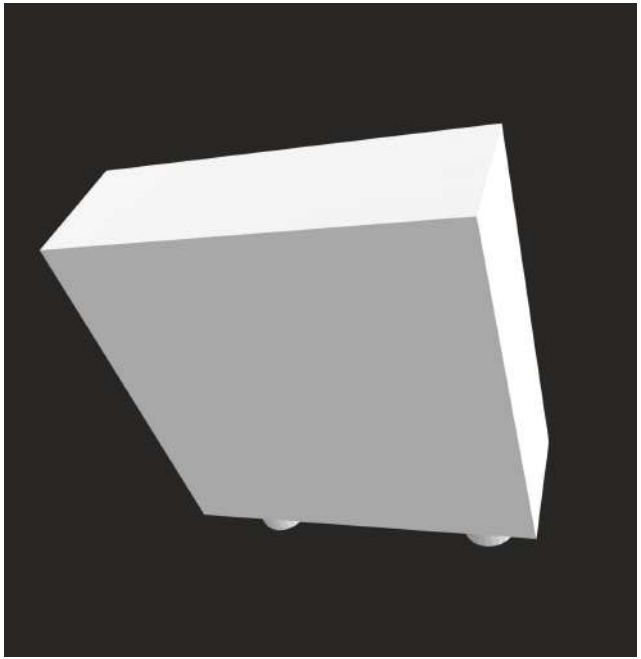


3D Printed Model

Wall- short (4 pieces)

Size- height= 8.5cm, length= 3cm, width= 1cm



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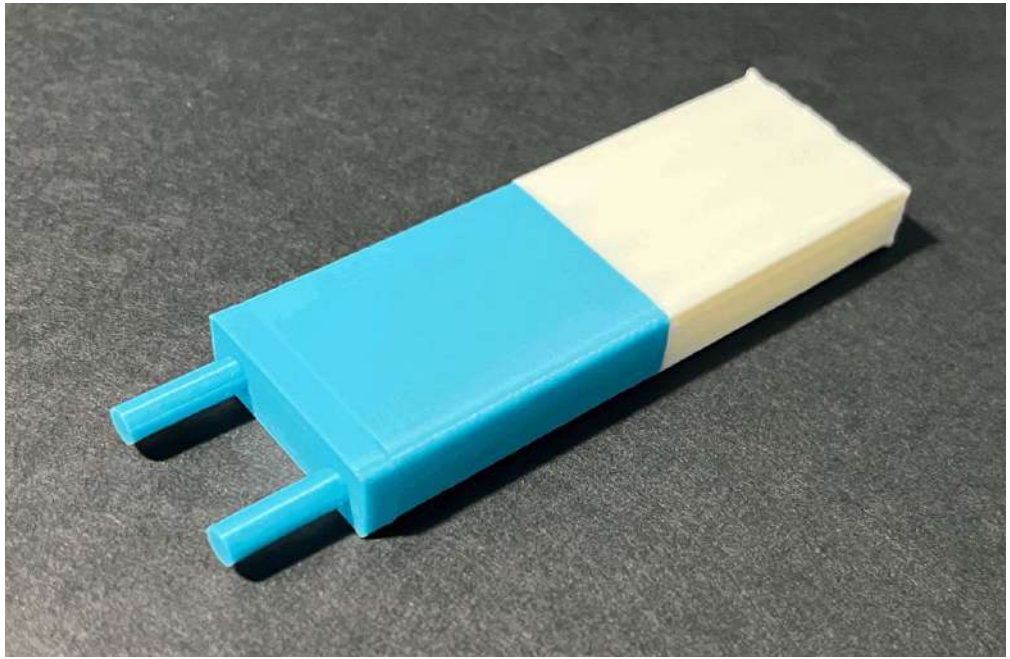
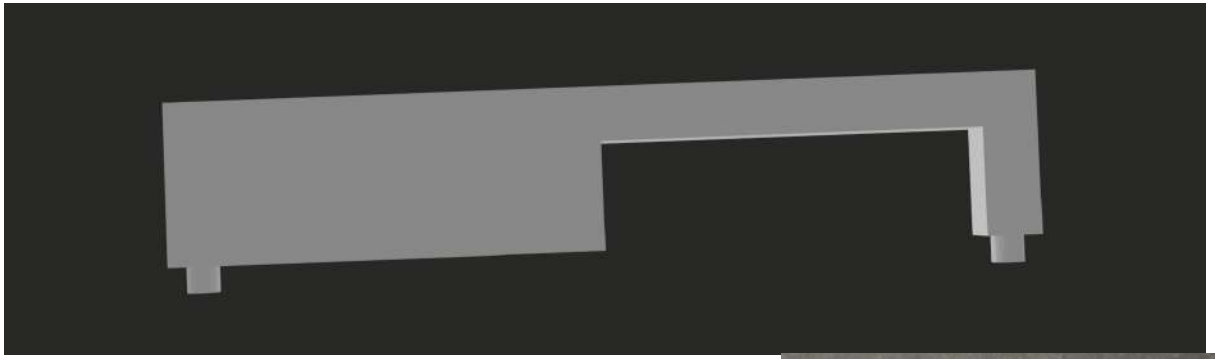


3D Printed Model

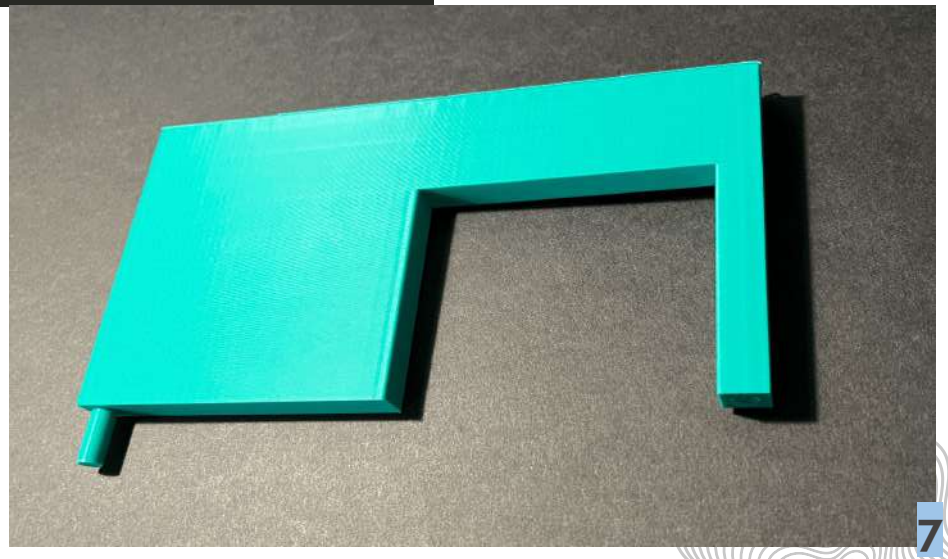
Gate- entrance (2 pieces)

I created panels with a gap to add the door frame.



STL Files

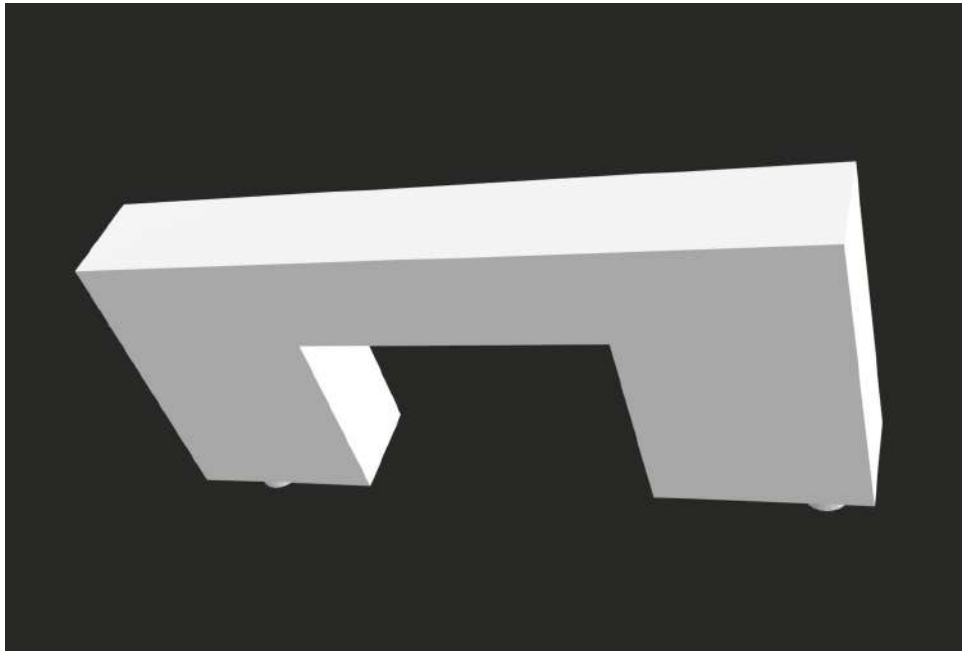
Size- height= 8.5cm, length= 6cm, width= 1cm
For gate- height= 5.7cm, length= 7cm



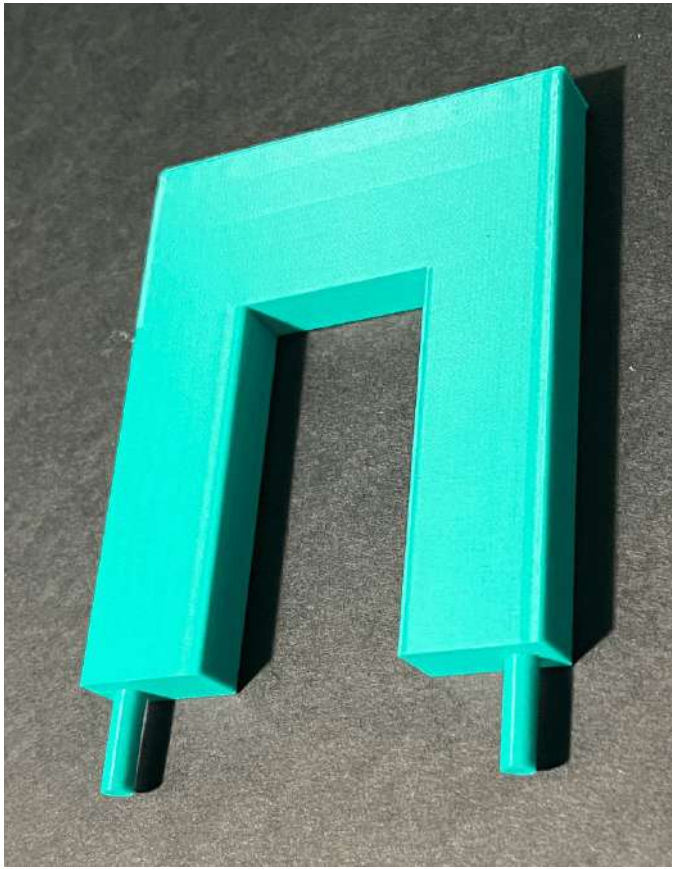
3D Printed Model

Door- main (2 pieces)

Size- height= 8.5cm, length= 7cm, width= 1cm
For door- height= 5.7cm, length= 3cm



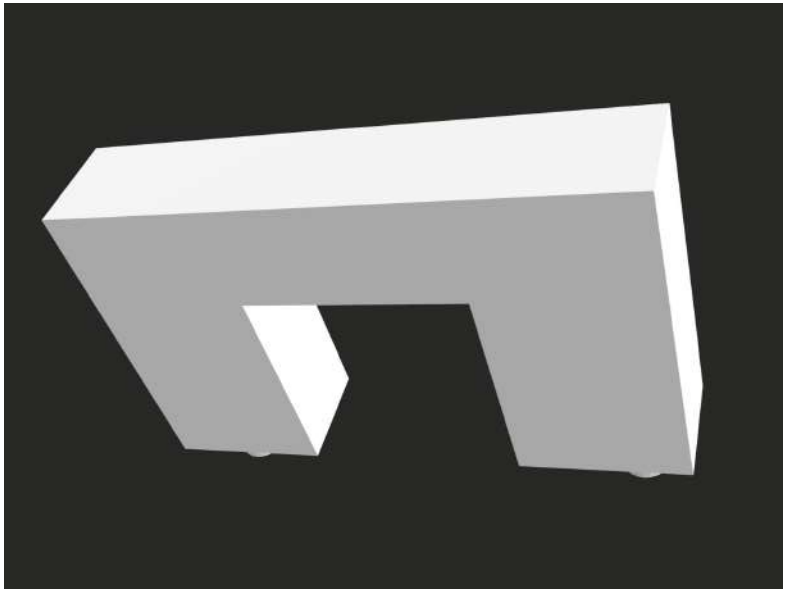
STL Files



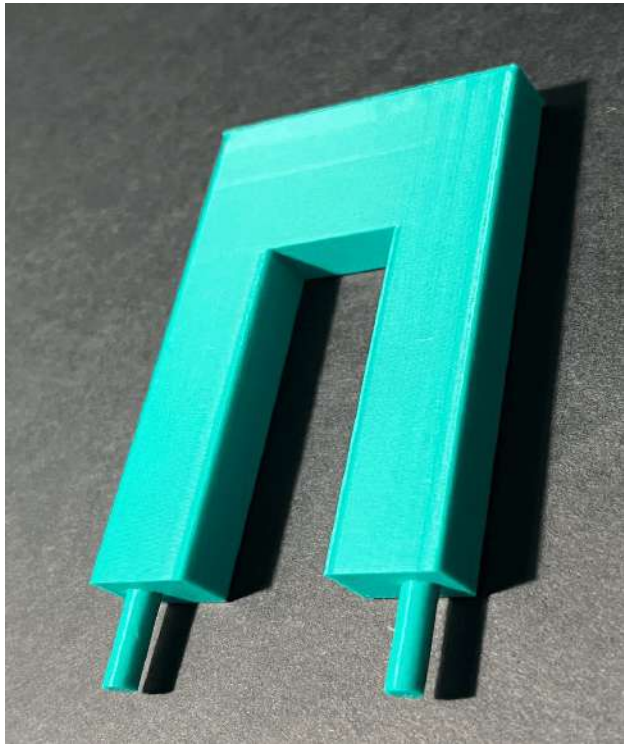
3D Printed Model

Door/window- 1 (2 pieces)

Size- height= 8.5cm, length= 5cm, width= 1cm
For opening- height= 5.7cm, length= 2cm



STL Files



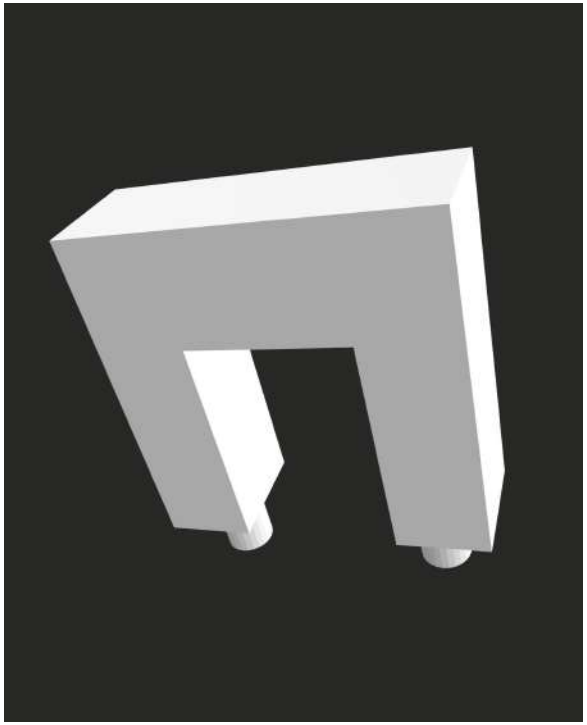
3D Printed Model

These panels can be used at windows

Door/window- 2 (1 piece)

These panels can be used at windows

Size- height= 8.5cm, length= 3cm, width= 1cm
For opening- height= 5.7cm, length= 1.4cm



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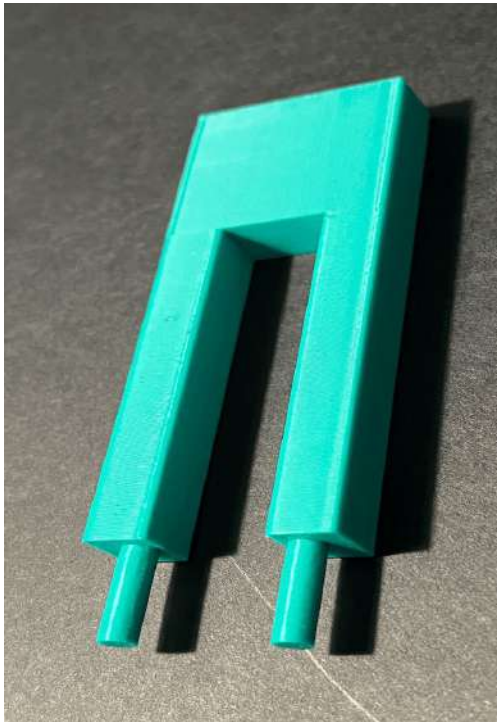

3D Printed Model