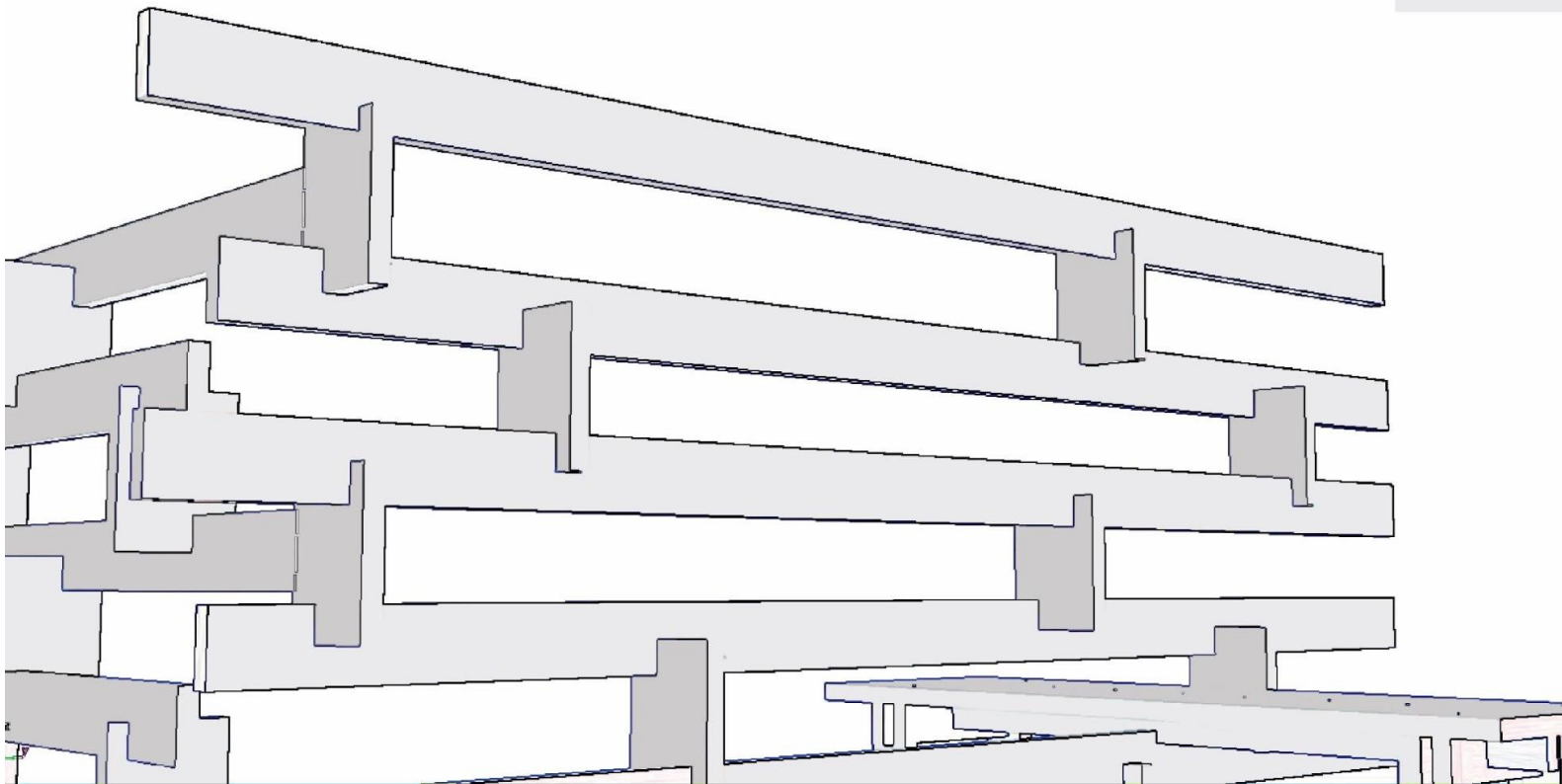


**project week assignment /**  
process book by Vlada Naletkina



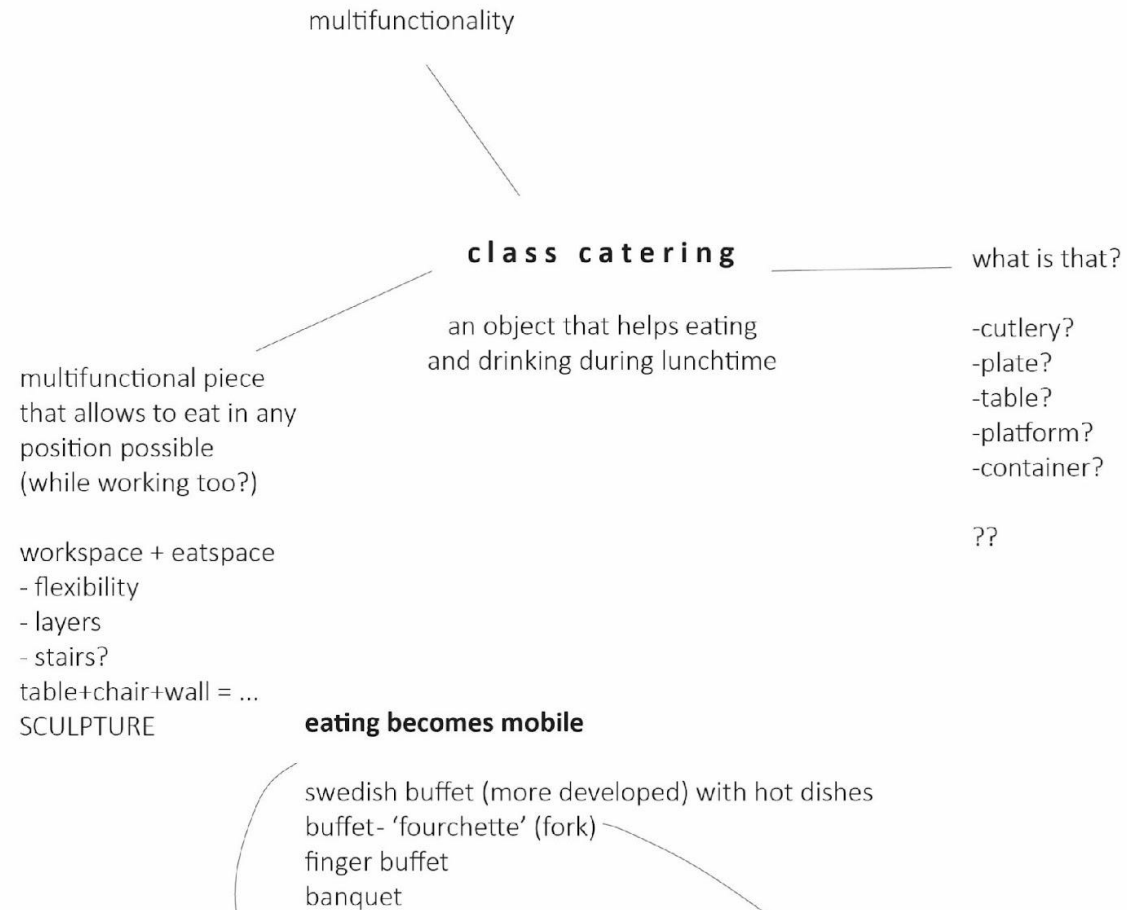
## INTRODUCTION

### **assignment:**

Design a CNC cut object that will help the eating and drinking during lunchtime or overtime.

Material: MDF (2440 x 1220 x 18 mm)

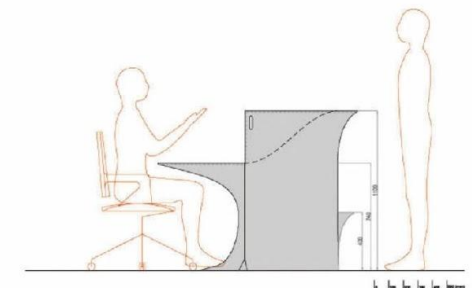
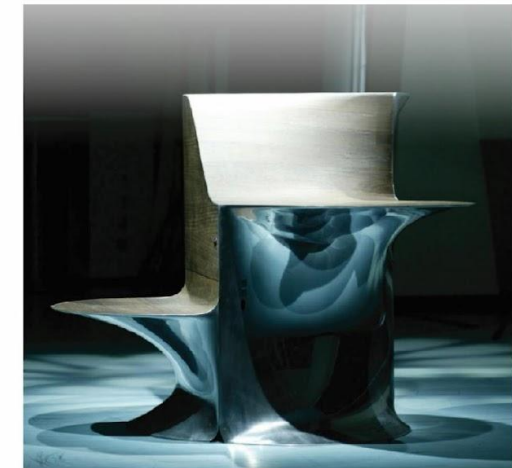
Glue as a way of connecting elements is not welcome. There should be solid thoughtful connection to be able to easily assemble and disassemble an object if it's needed.



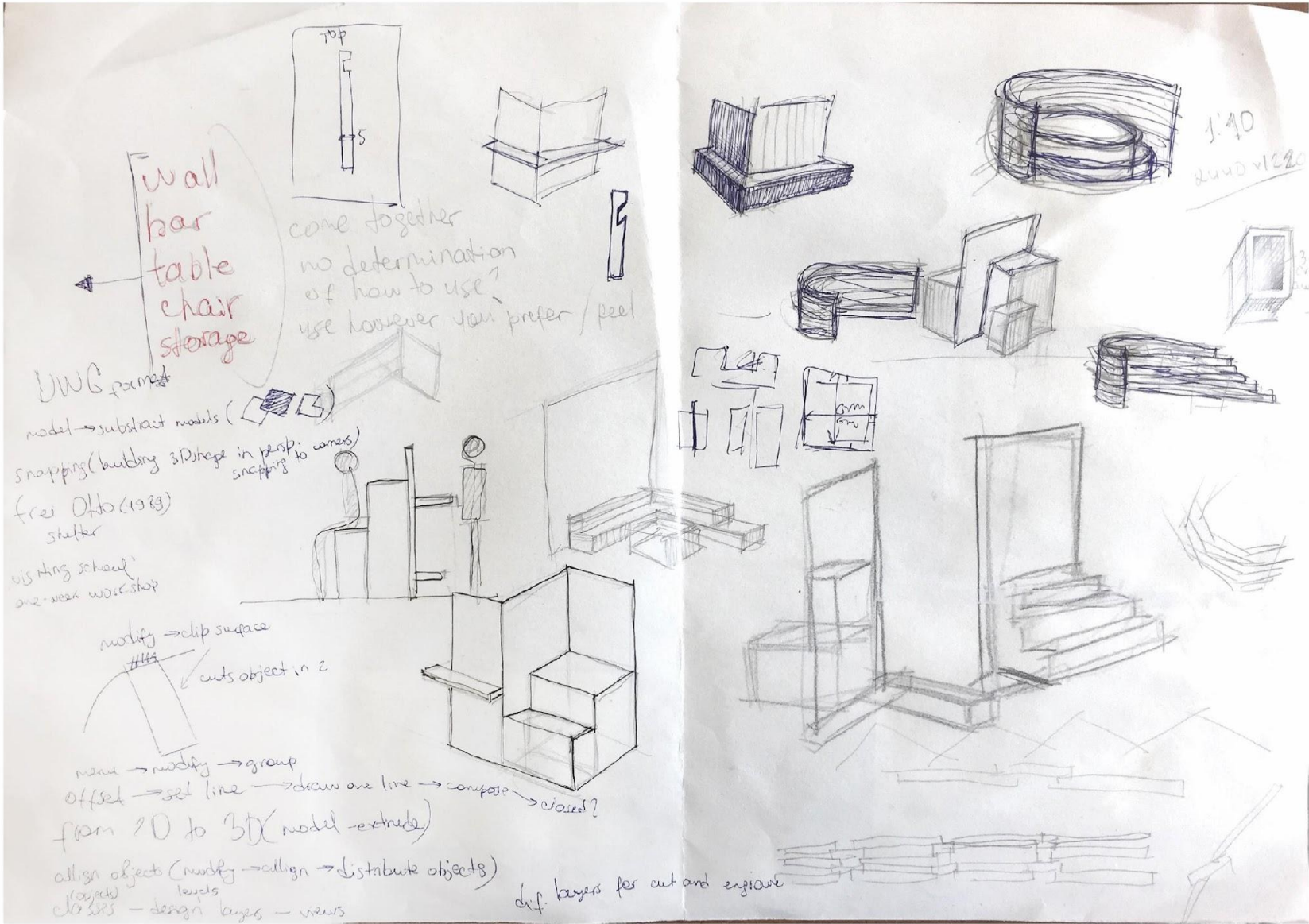
reference /

**'SUM' (2004) by Gispen**

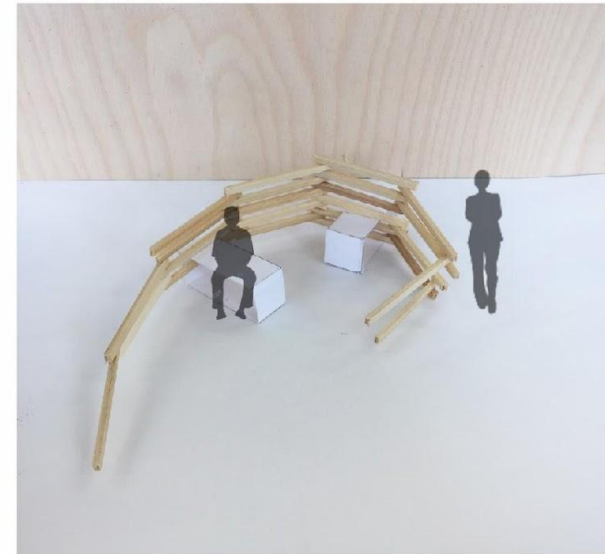
an object to work at,  
to sit on and talk.



## SKETCHES

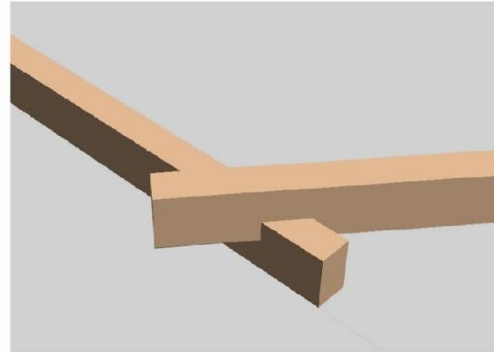


## SKETCH MODEL

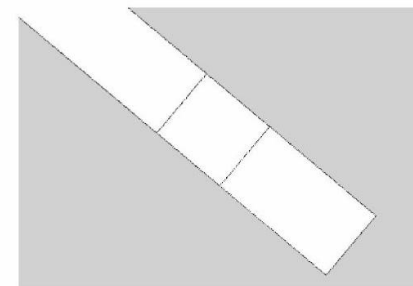
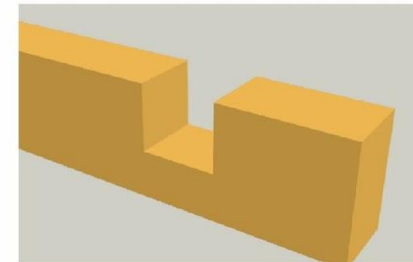
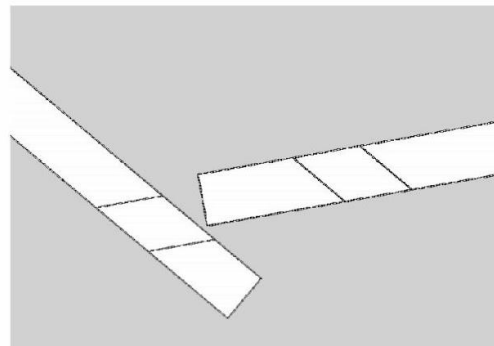
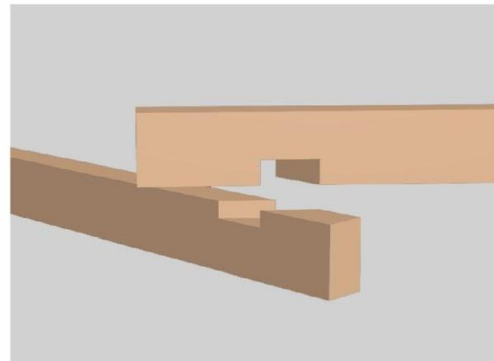


sitting places within the 'wall/fence'  
allow to create different experiences by moving  
the benches; alone/together, inside/outside relation

## CONNECTION



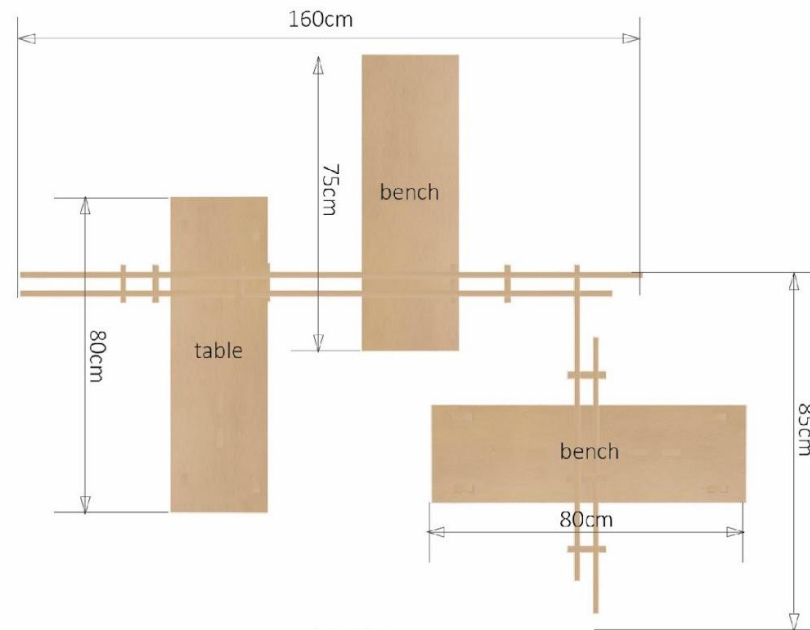
I stacked wooden beams up by creating the 'wall'. The problem was that CNC milling machine does only straight mortises so I had to find a solution.



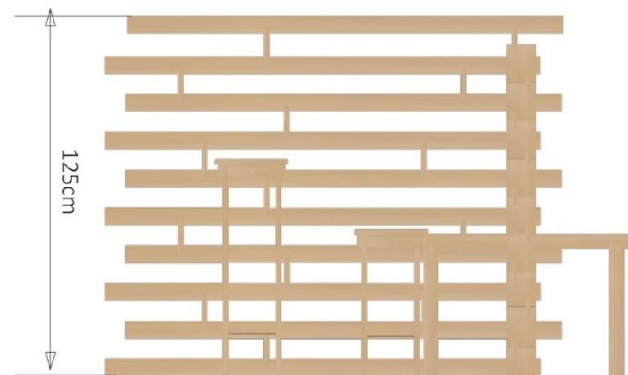
this is how it should be, but with straight angle the 'wall' structure doesn't make sense anymore (it won't be a circle-ish shape)







top view



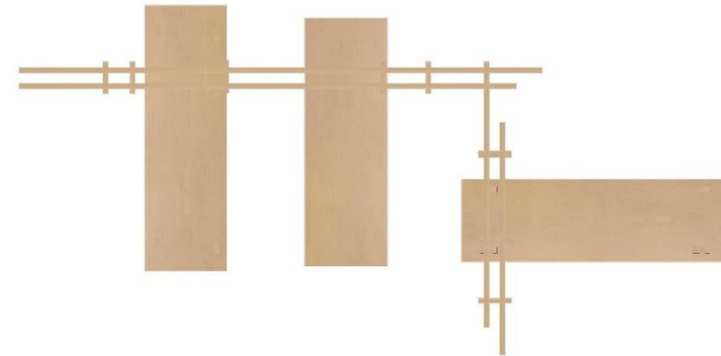
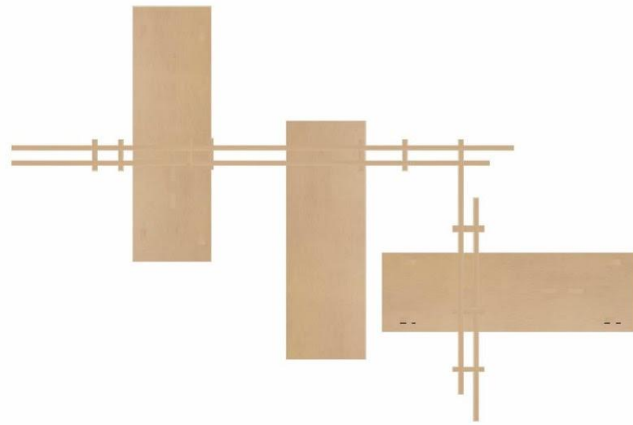
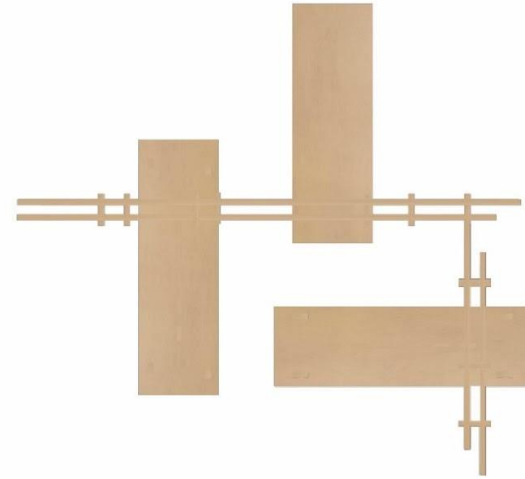
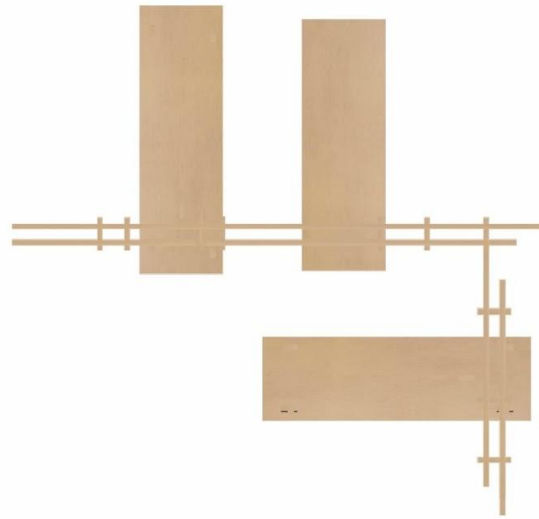
front view



left view



examples of different configurations



Laser cut object  
scale 1:5





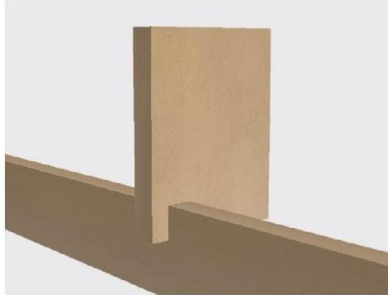
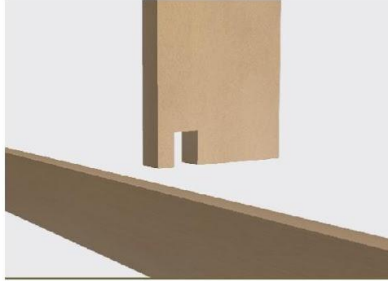
**Couple of things have to be fixed before creating a file for CNC milling machine.**

1. Connections.

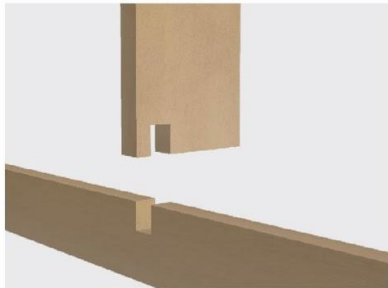
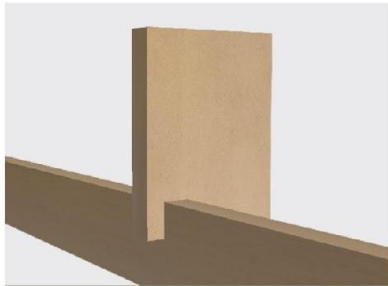
Laser cut test proves that connection between elements is not strong enough.

2. to create more solid connection underneath the table and bench to make it stable.

1. connections of the 'wall'

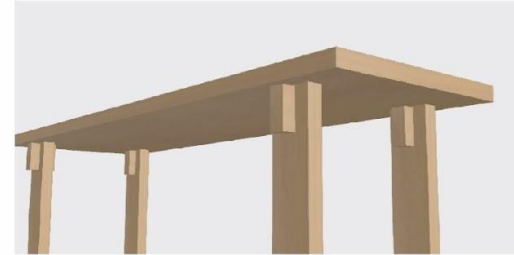


current connection

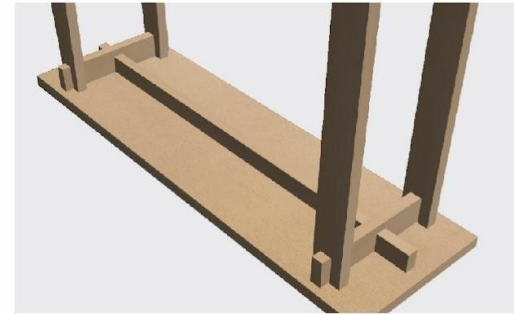


should be this

2. connections of the table/bench bottom



current connection



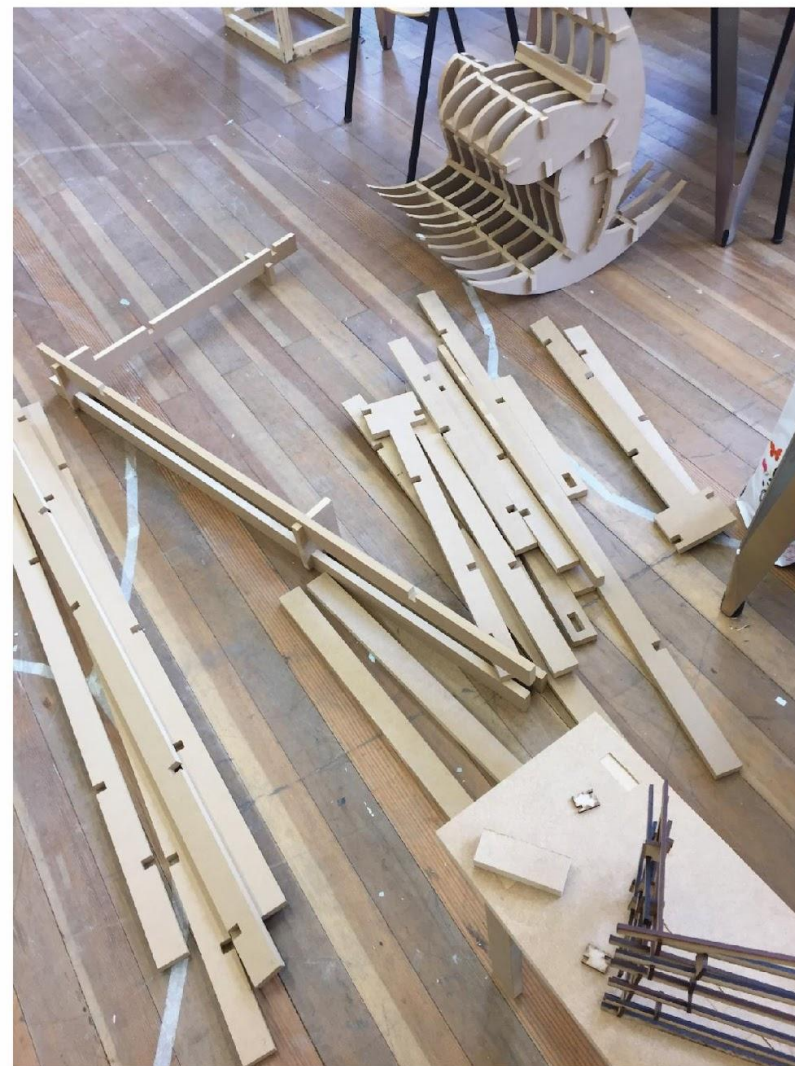
should be this

The file prepared and ready to be milled





process





Time to build!

















## Details

