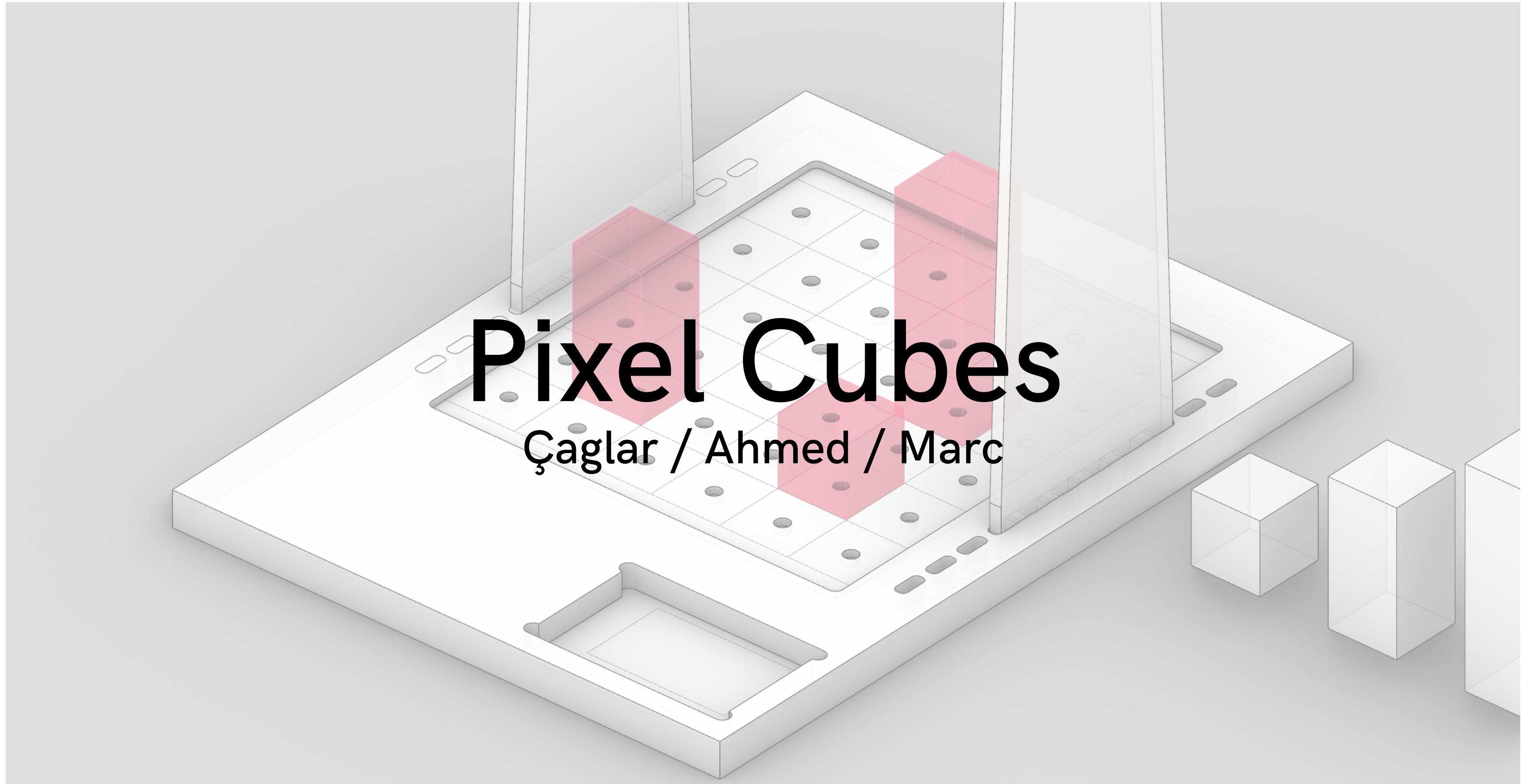
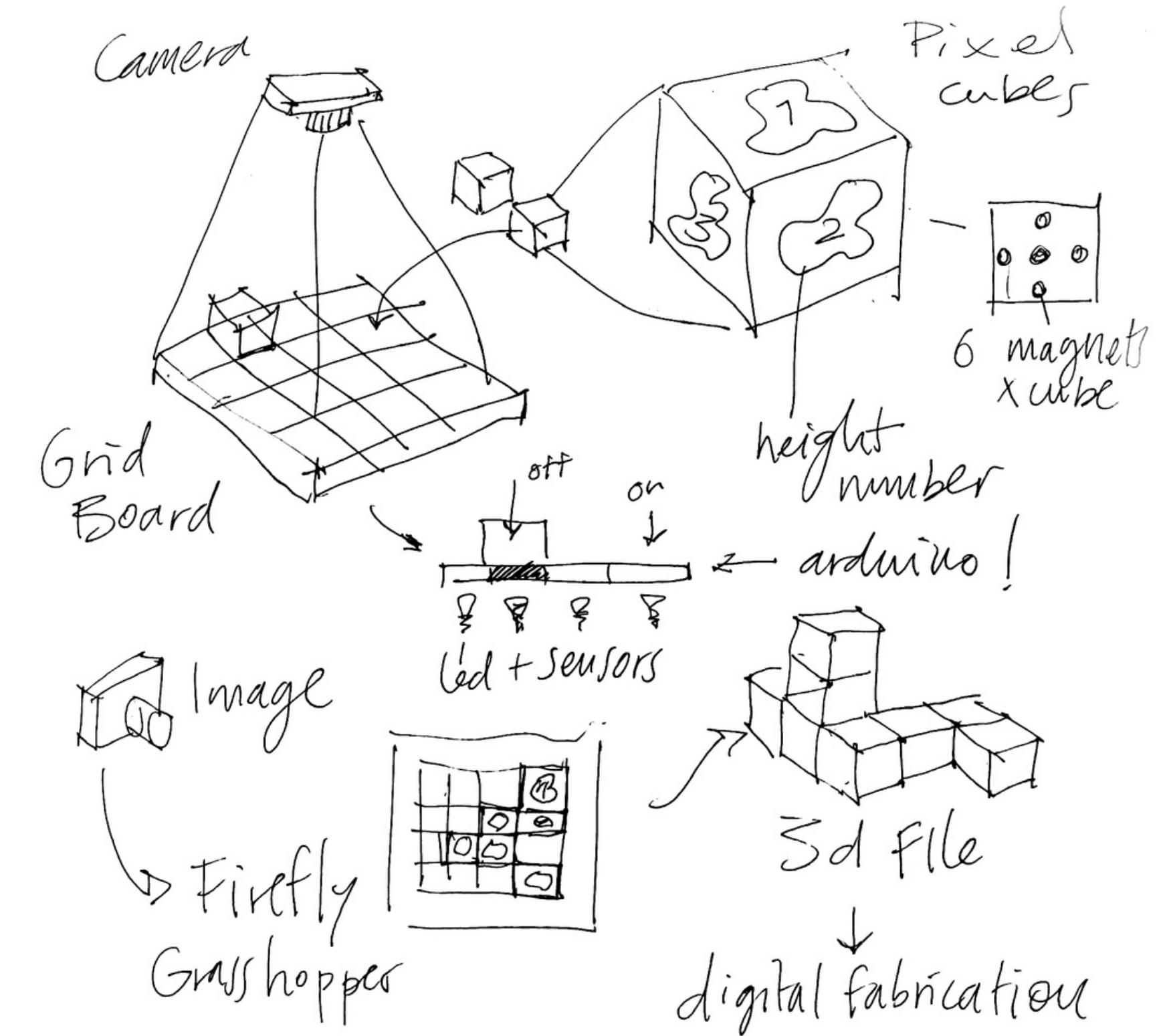


# Pixel Cubes

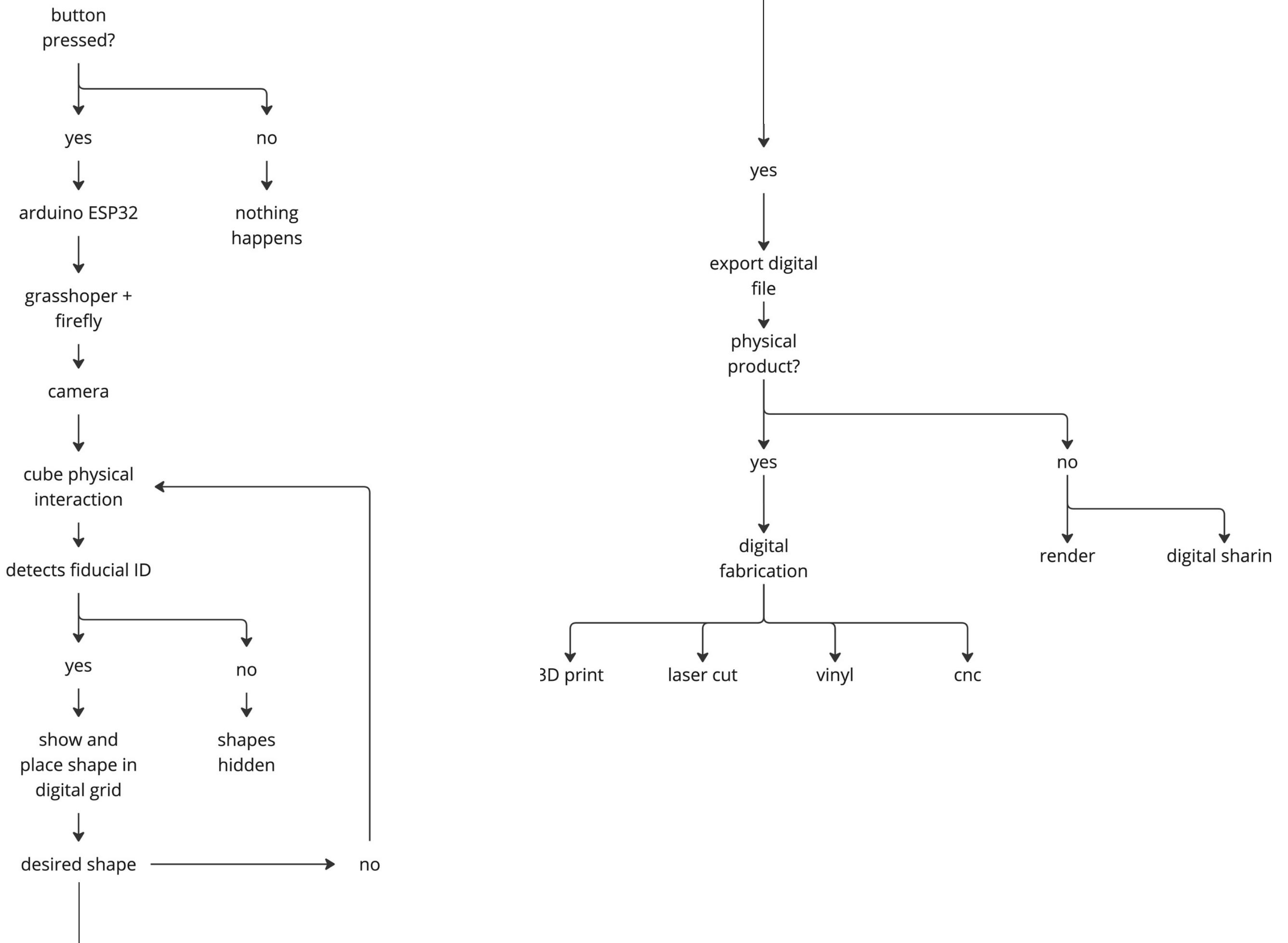
Çaglar / Ahmed / Marc



# Modular system to create digital models through physical interaction.



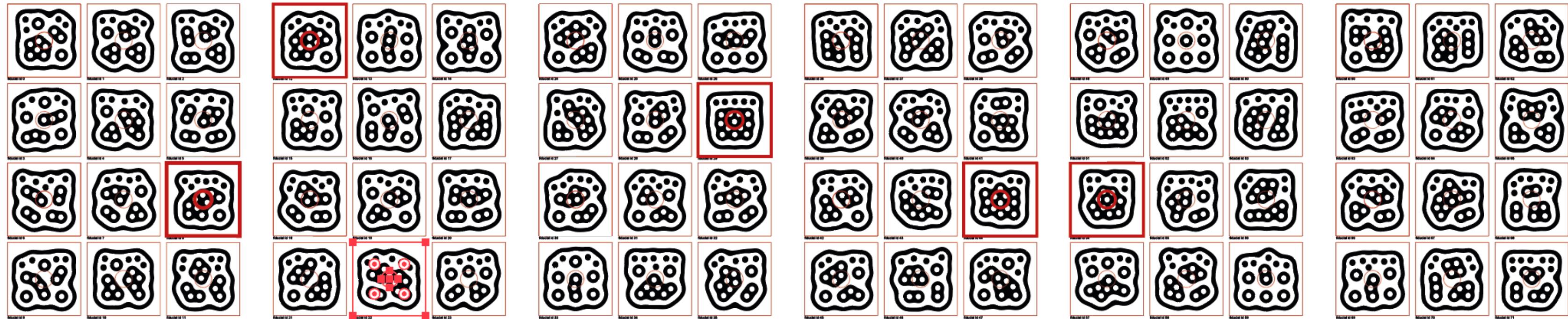
# Flowchart



## Design Steps:

1. Interactive physical modular system to create myriad volumes
2. Research around webcam detection software of movement and rotation of shapes
3. How to combine and assemble cubes in order to create volumes
4. Make the user interact with the Software. Incorporate Arduino

# Reactable, Fiducial ID



Copyright © 2009 Reactable Systems S.L. Fiducial symbols for free use in conjunction with the reactIVision software only. All other rights reserved.

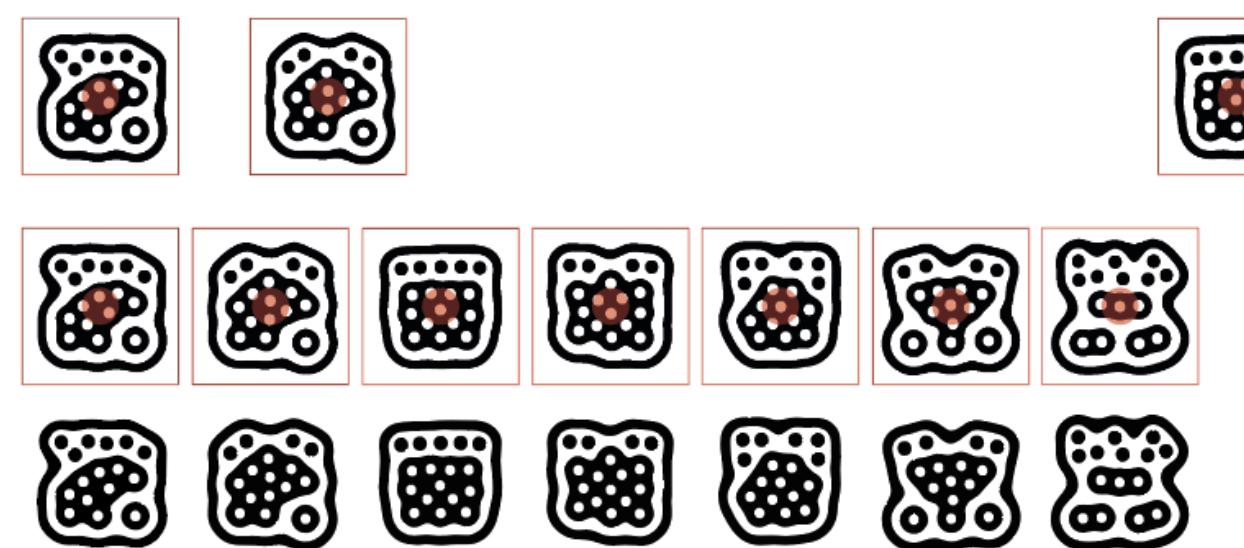
Copyright © 2009 Reactable Systems S.L. Fiducial symbols for free use in conjunction with the reactIVision software only. All other rights reserved.

Copyright © 2009 Reactable Systems S.L. Fiducial symbols for free use in conjunction with the reactIVision software only. All other rights reserved.

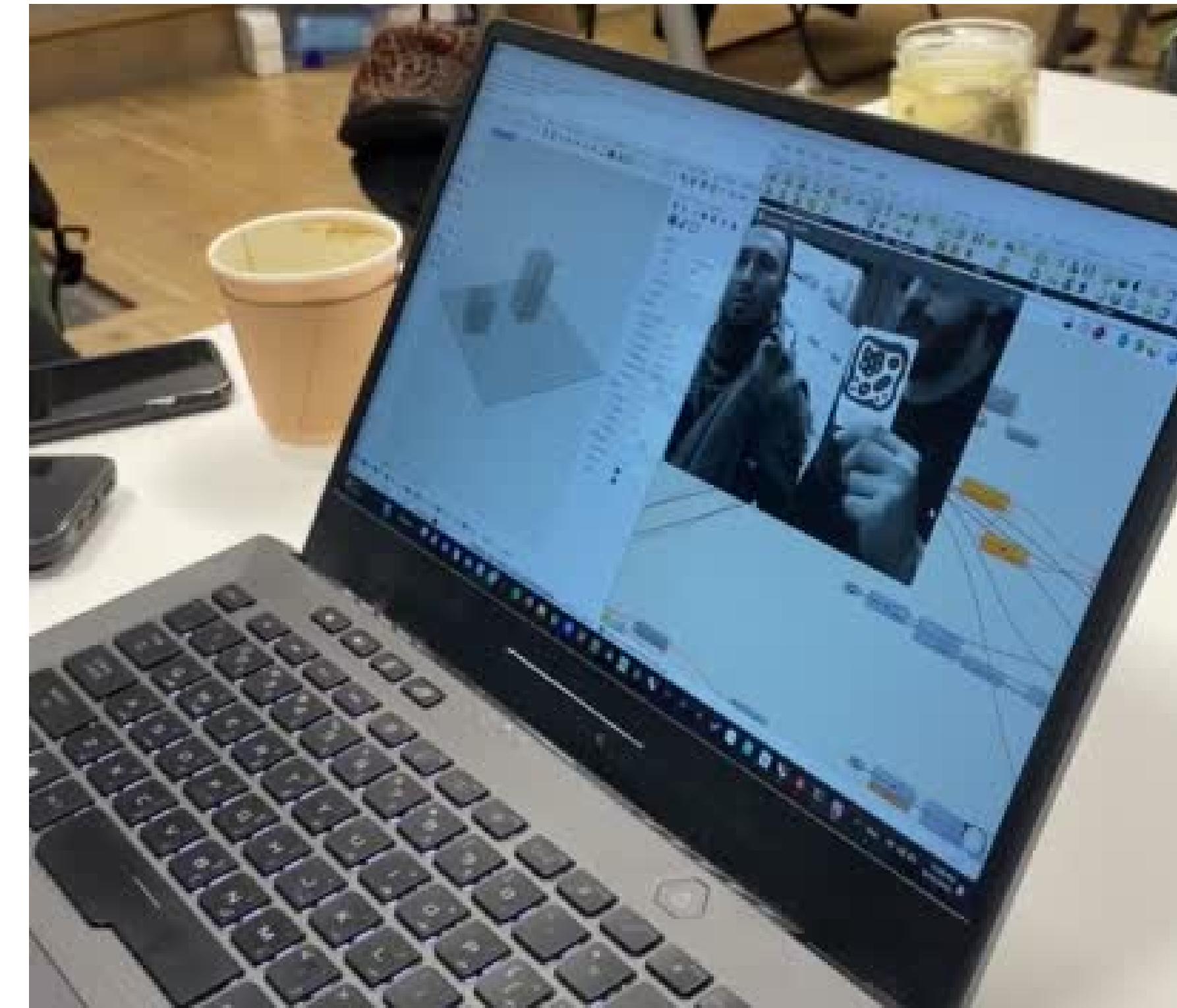
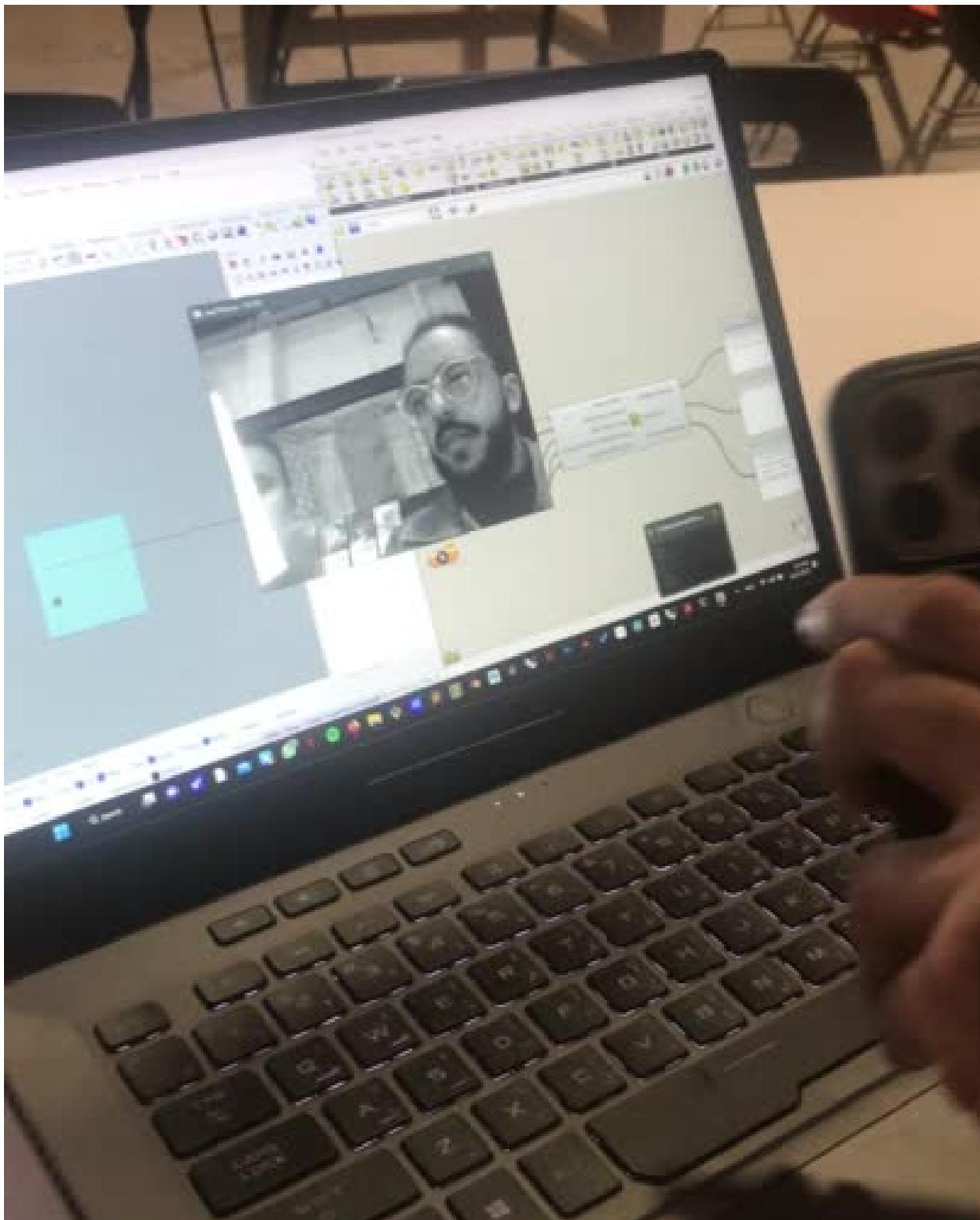
Copyright © 2009 Reactable Systems S.L. Fiducial symbols for free use in conjunction with the reactIVision software only. All other rights reserved.

Copyright © 2009 Reactable Systems S.L. Fiducial symbols for free use in conjunction with the reactIVision software only. All other rights reserved.

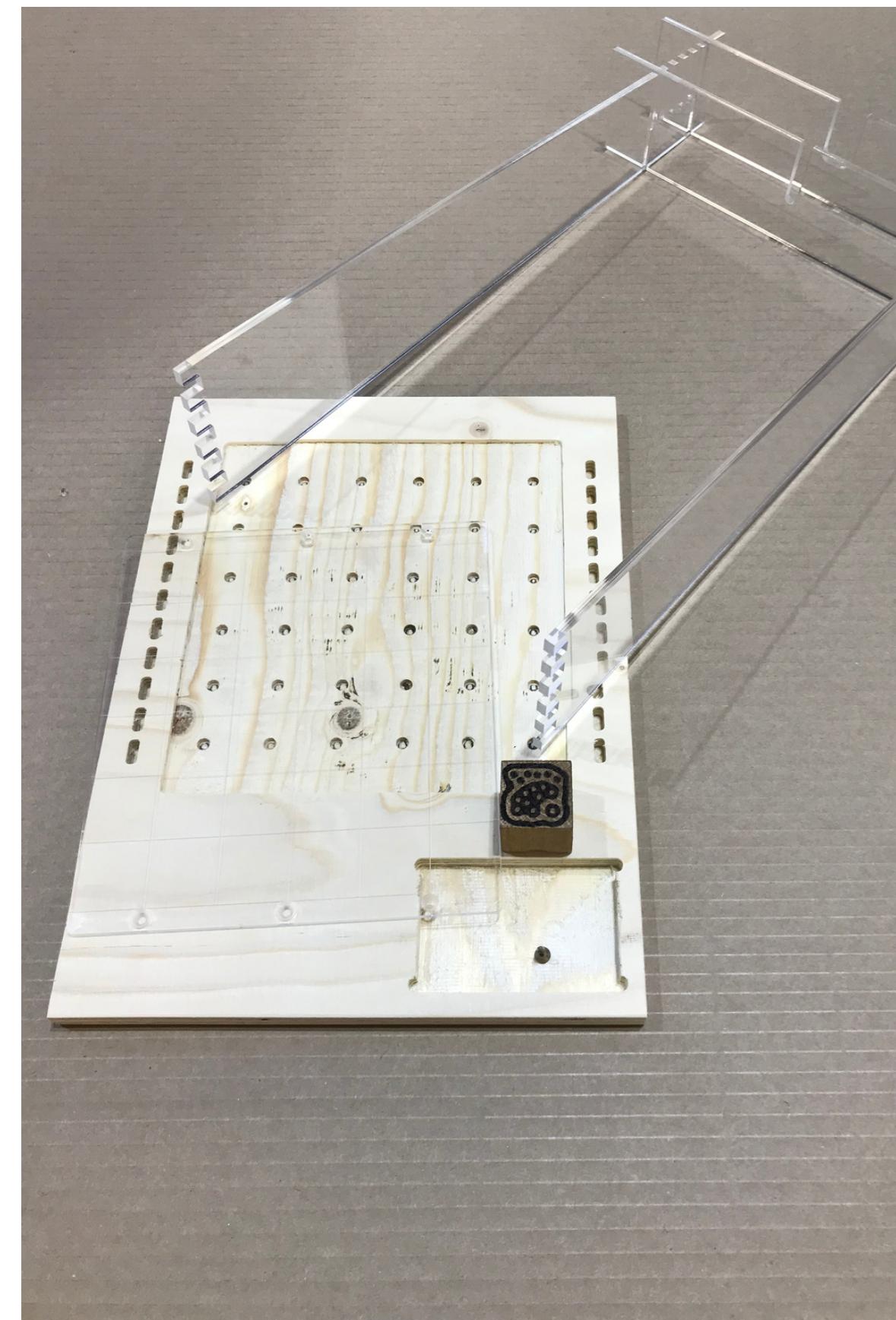
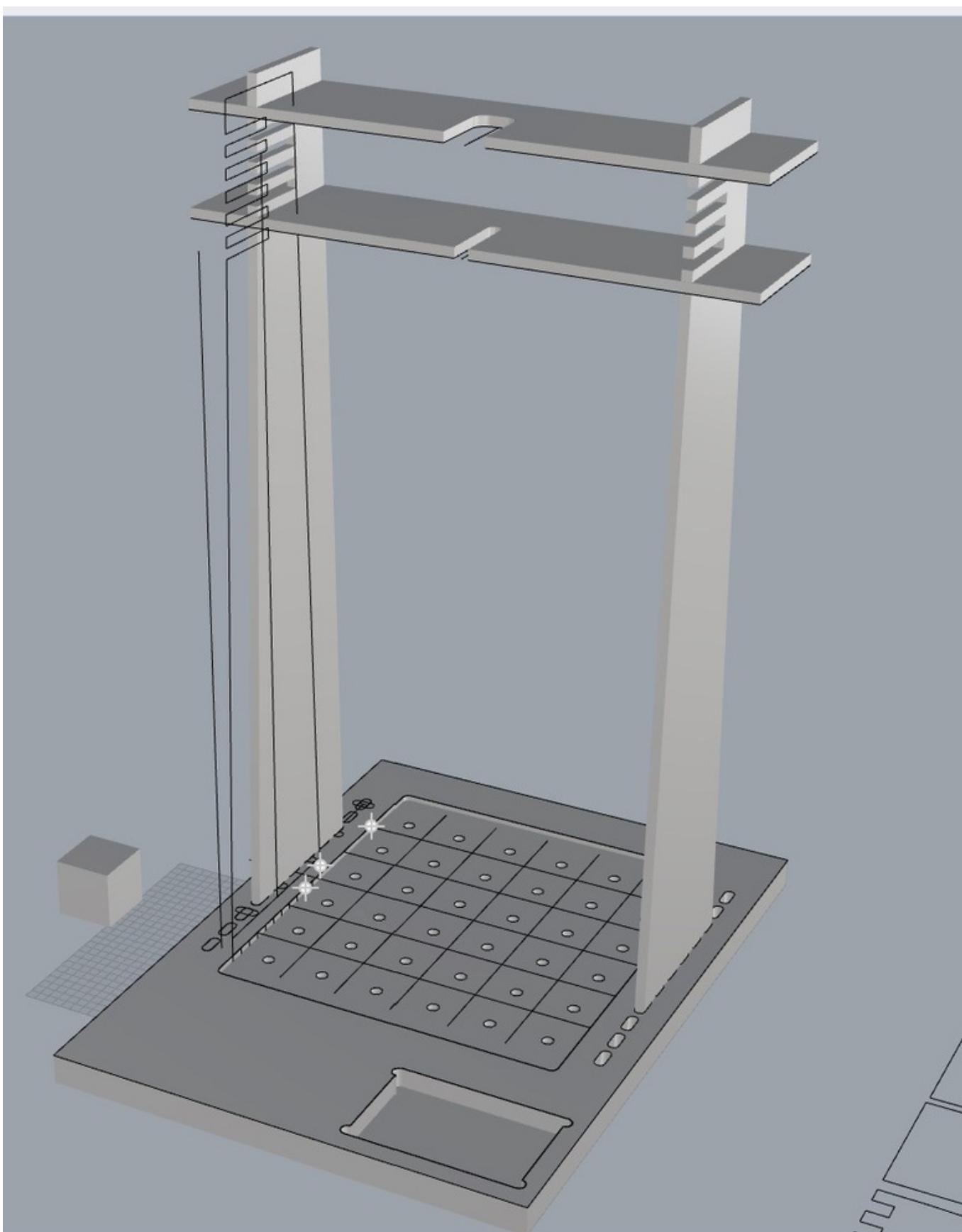
Copyright © 2009 Reactable Systems S.L. Fiducial symbols for free use in conjunction with the reactIVision software only. All other rights reserved.



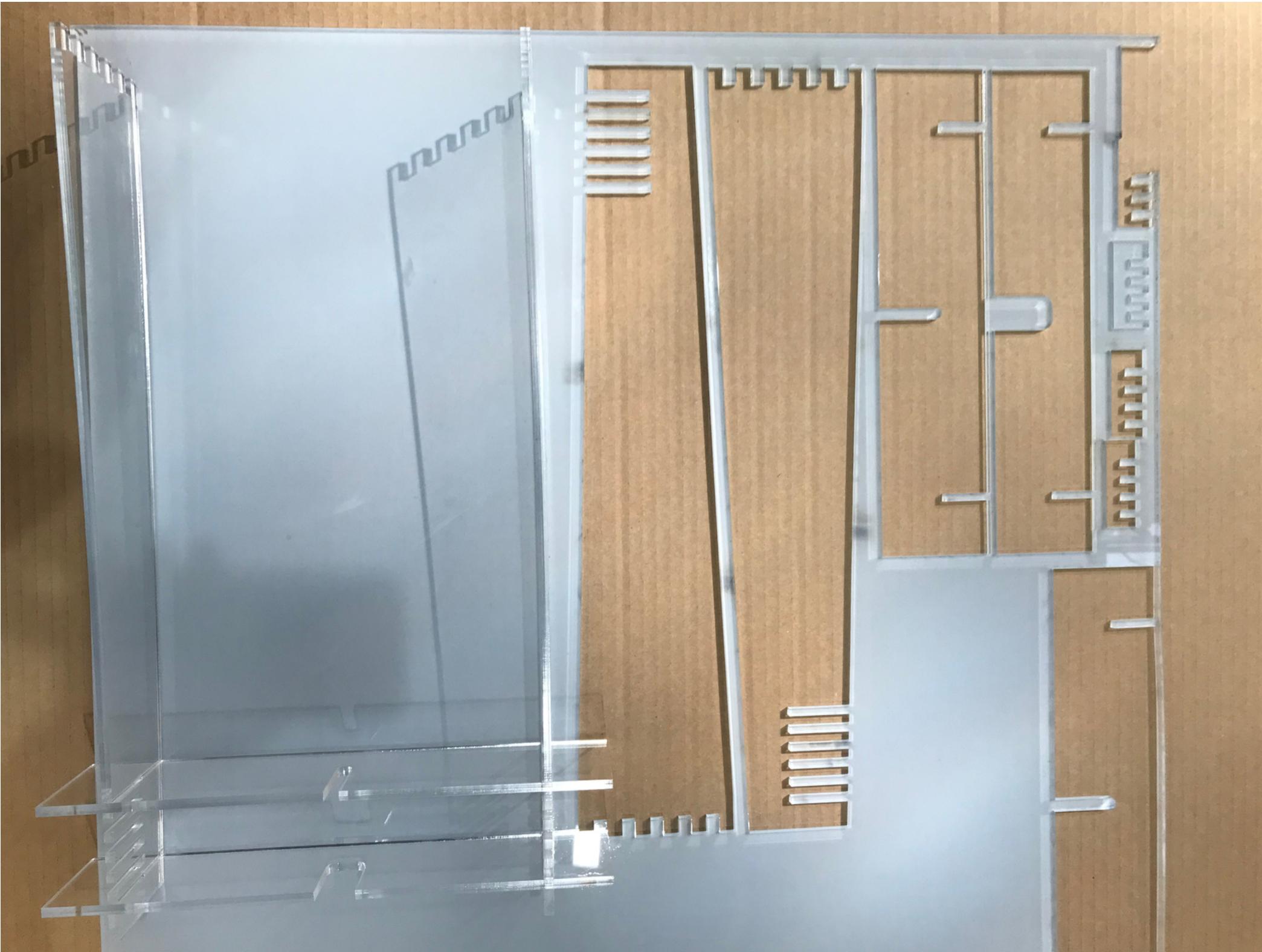
# Grasshopper - Firefly and Arduino



# Grid Surface



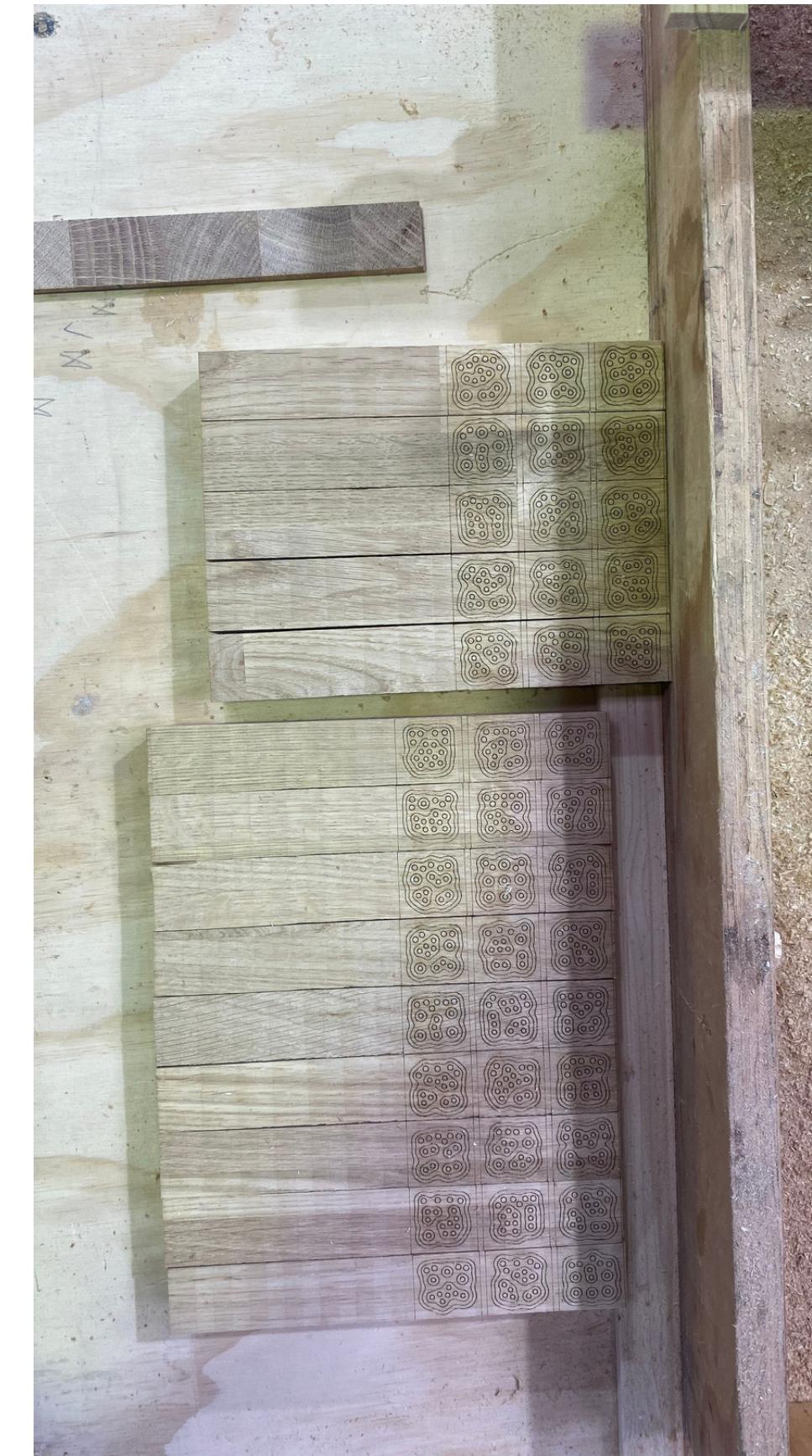
# Camera Mount



# Magnet Rotation



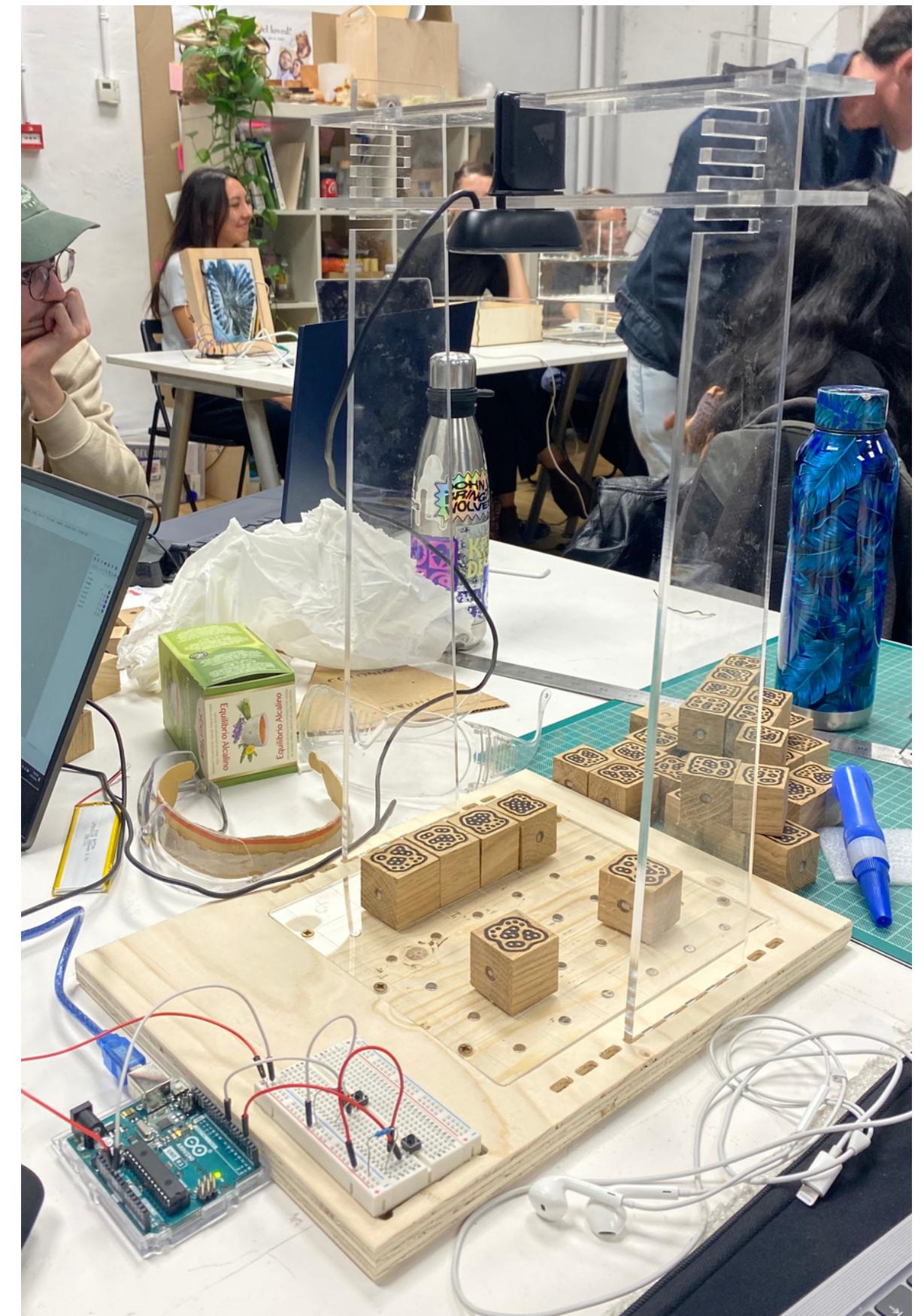
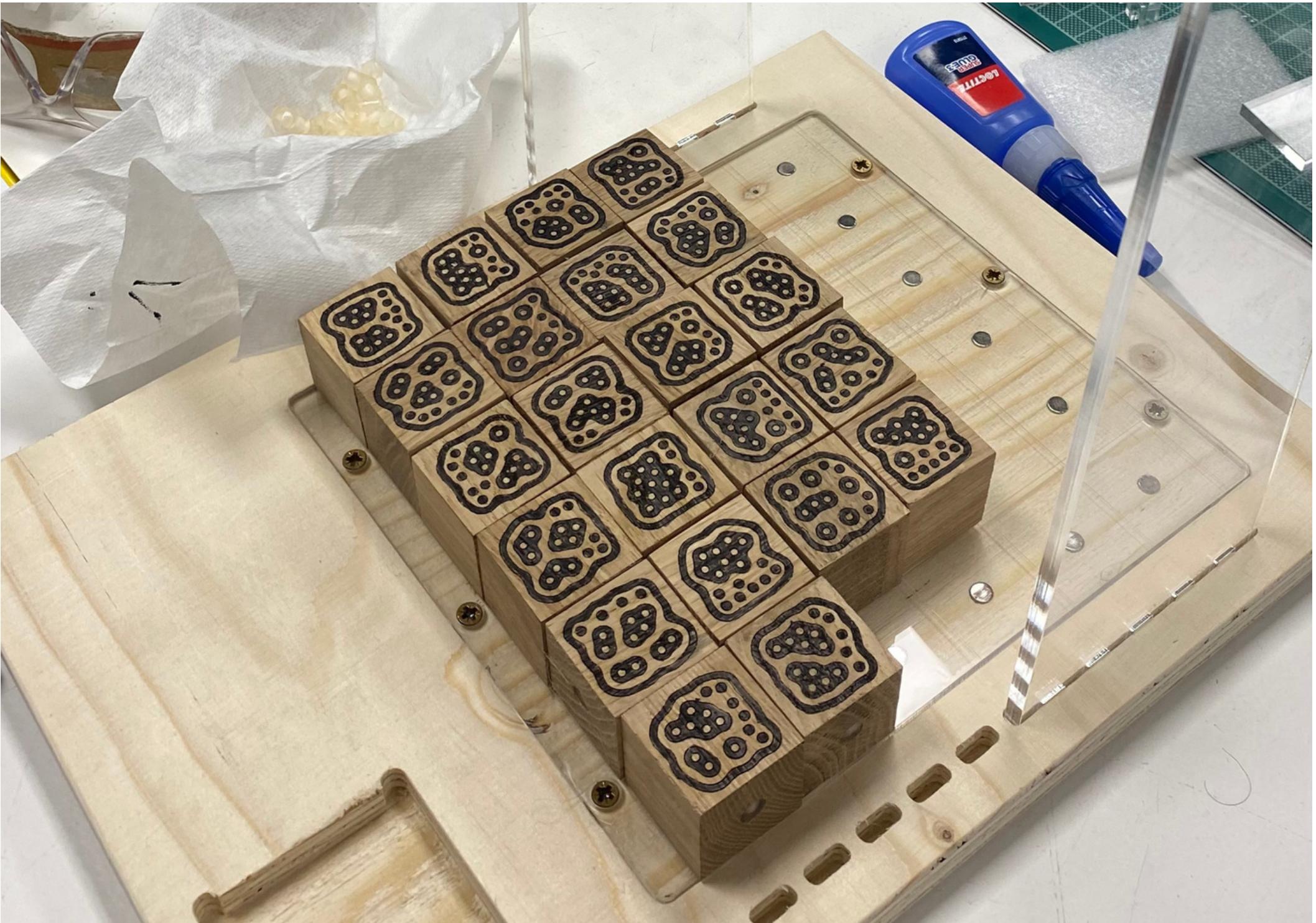
# Cubes and IDs



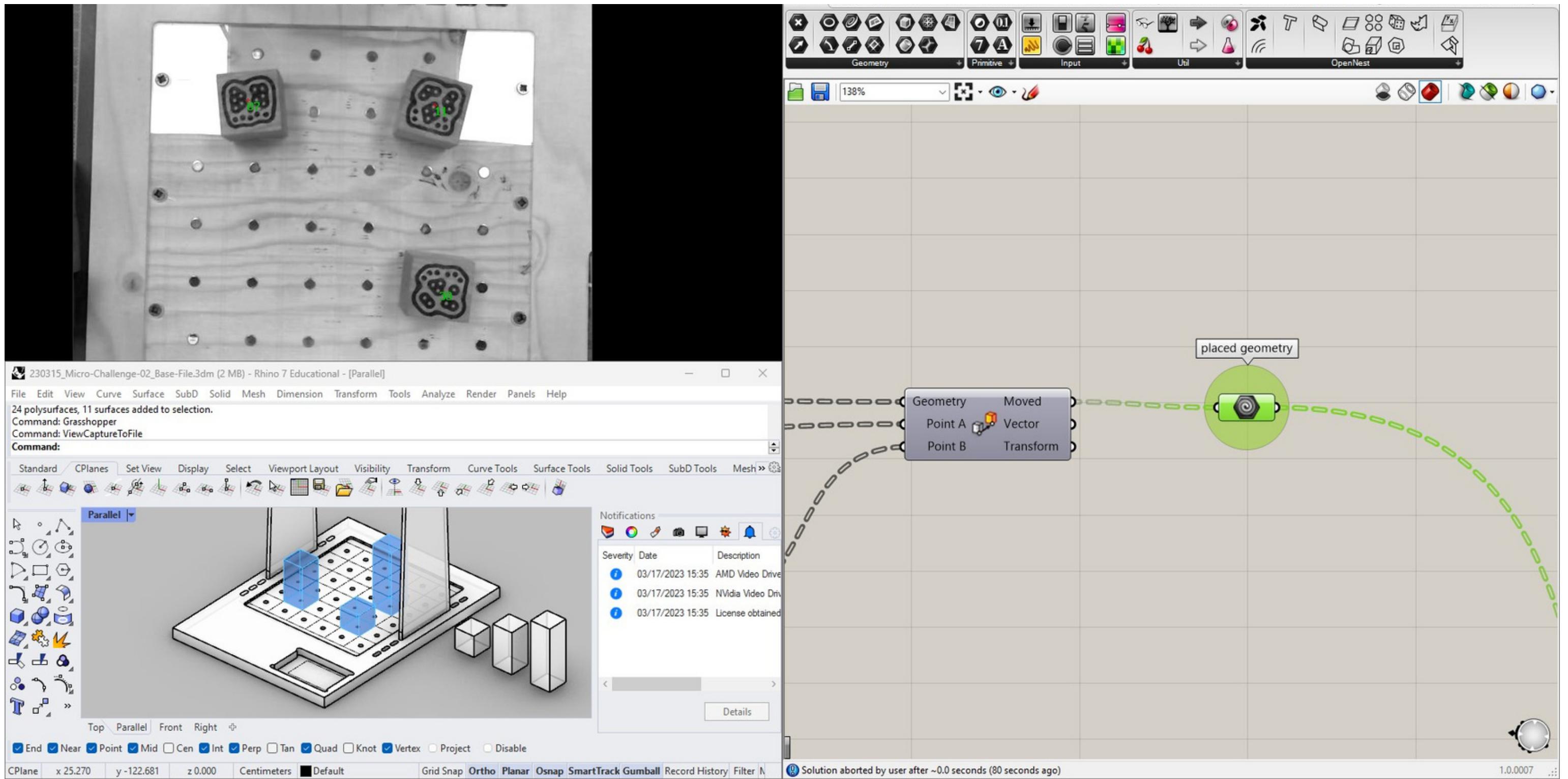
# Magnet Inserts



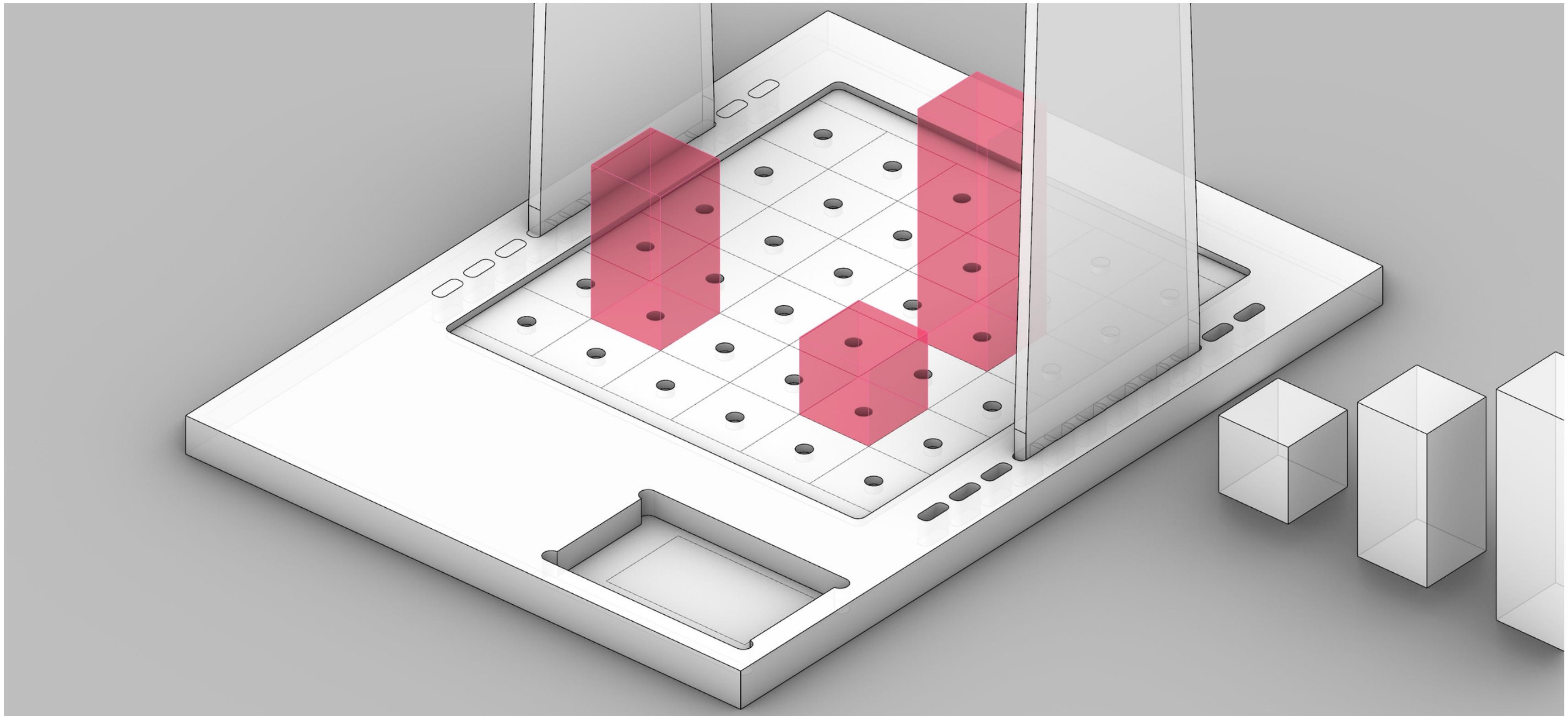
# Modular Cubes



# Digitalisation



# Digitalisation



# 3D File

