NEPPI Week III

15.11.2021

Welcome!

Salu Ylirisku

Agenda

09:15 - 09:45	Reflections on the Hex Machine exercise
09:45 - 10:15	Grounding the second phase
Pause	
10:30 – 12:00	The IoT Concept Design Project briefing

Hex Machine Reflections

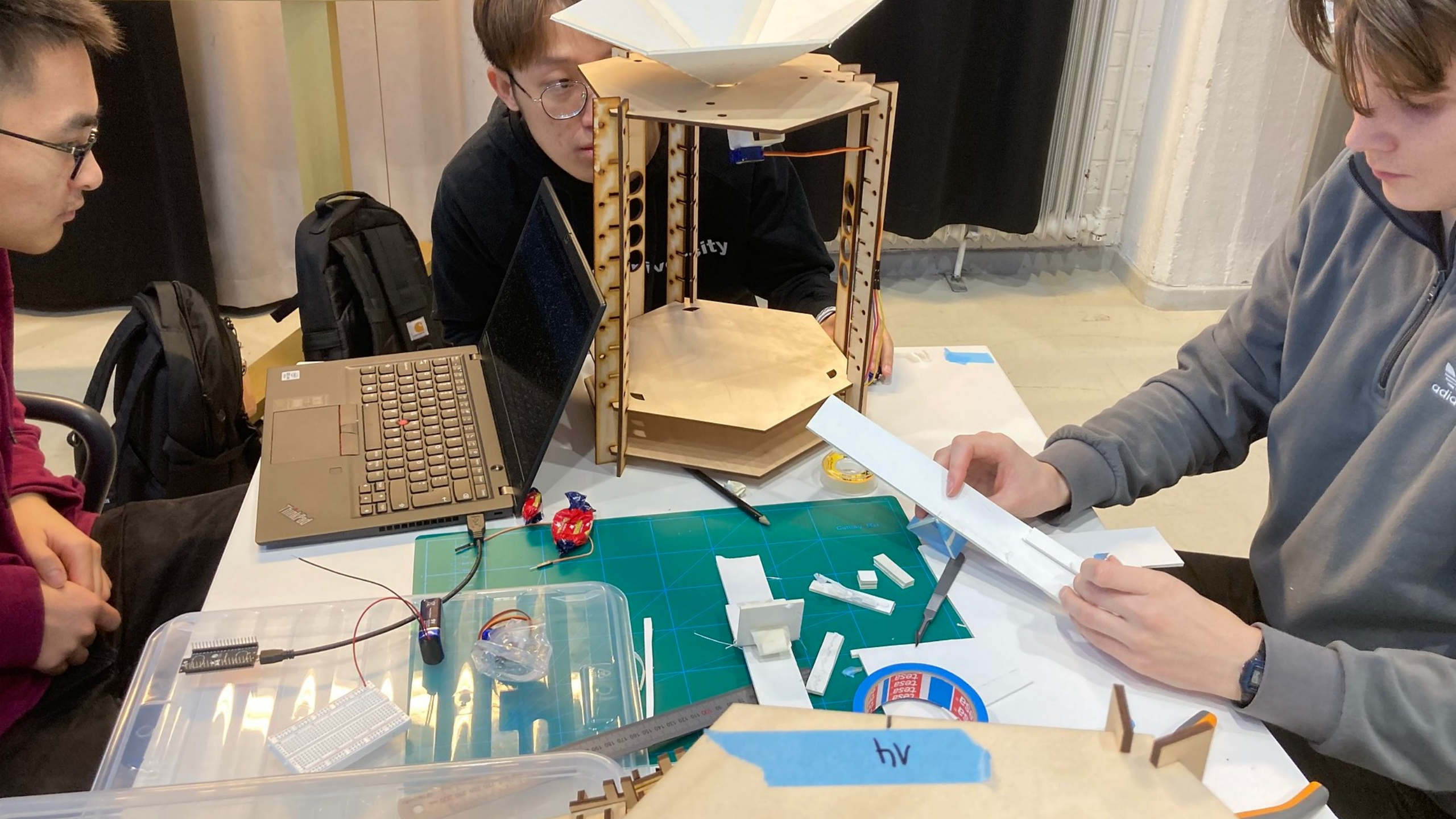
Learning goals

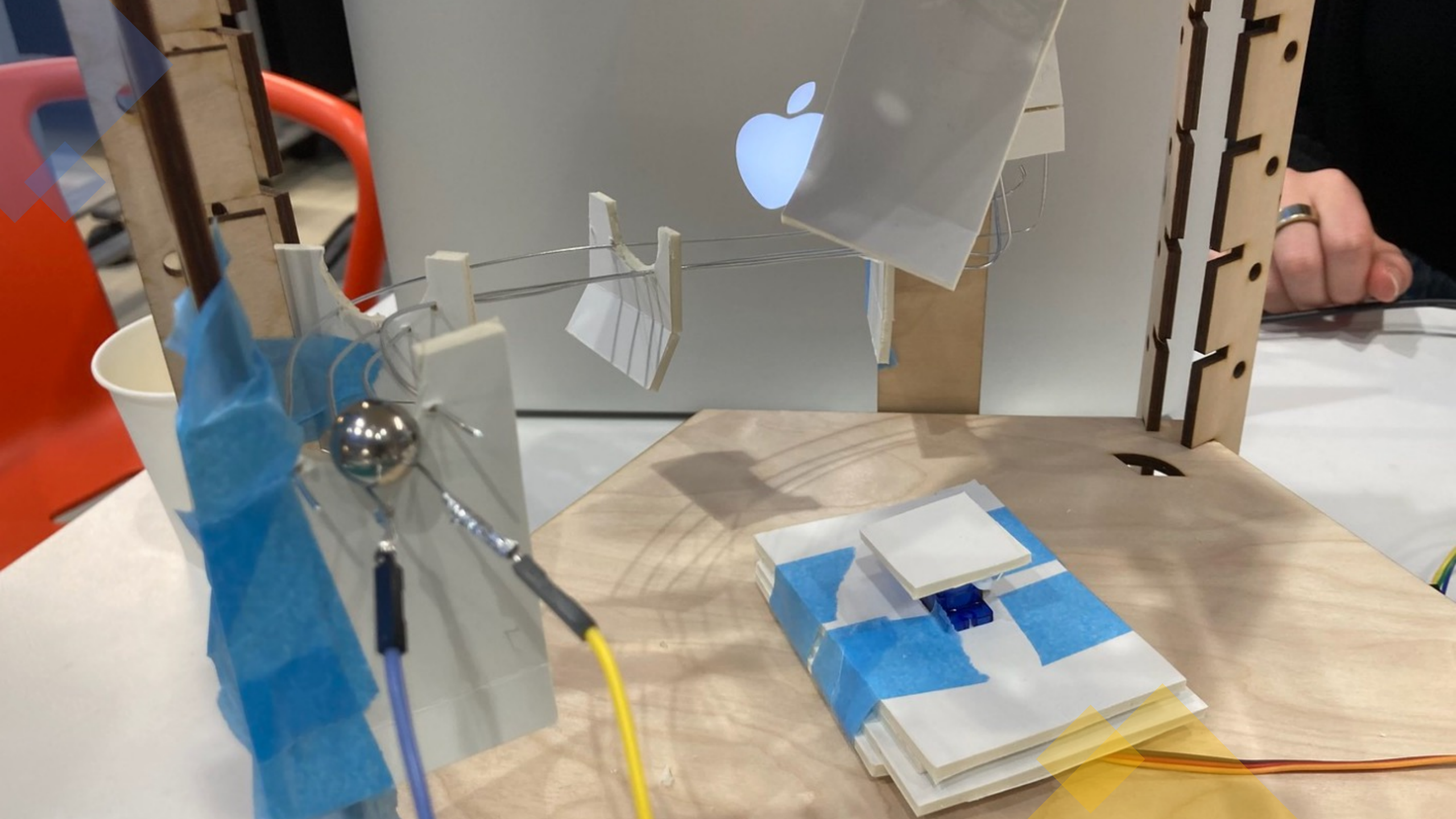
- Hands-on experience with **low-fidelity prototyping** materials and electronic components.
- Hands-on experience of **iteratively** building an IoT device that functions physically in a local setting while interacting with on online service.
- Concrete experience of how IoT devices are build of physical and interactive **components** of different kinds.
- Know that IoT devices always network through **specific interfaces**.
- Know that IoT services are typically built on **specific platforms**.
- Know that there are **many ways** of achieving the same result in order to satisfy requirements.

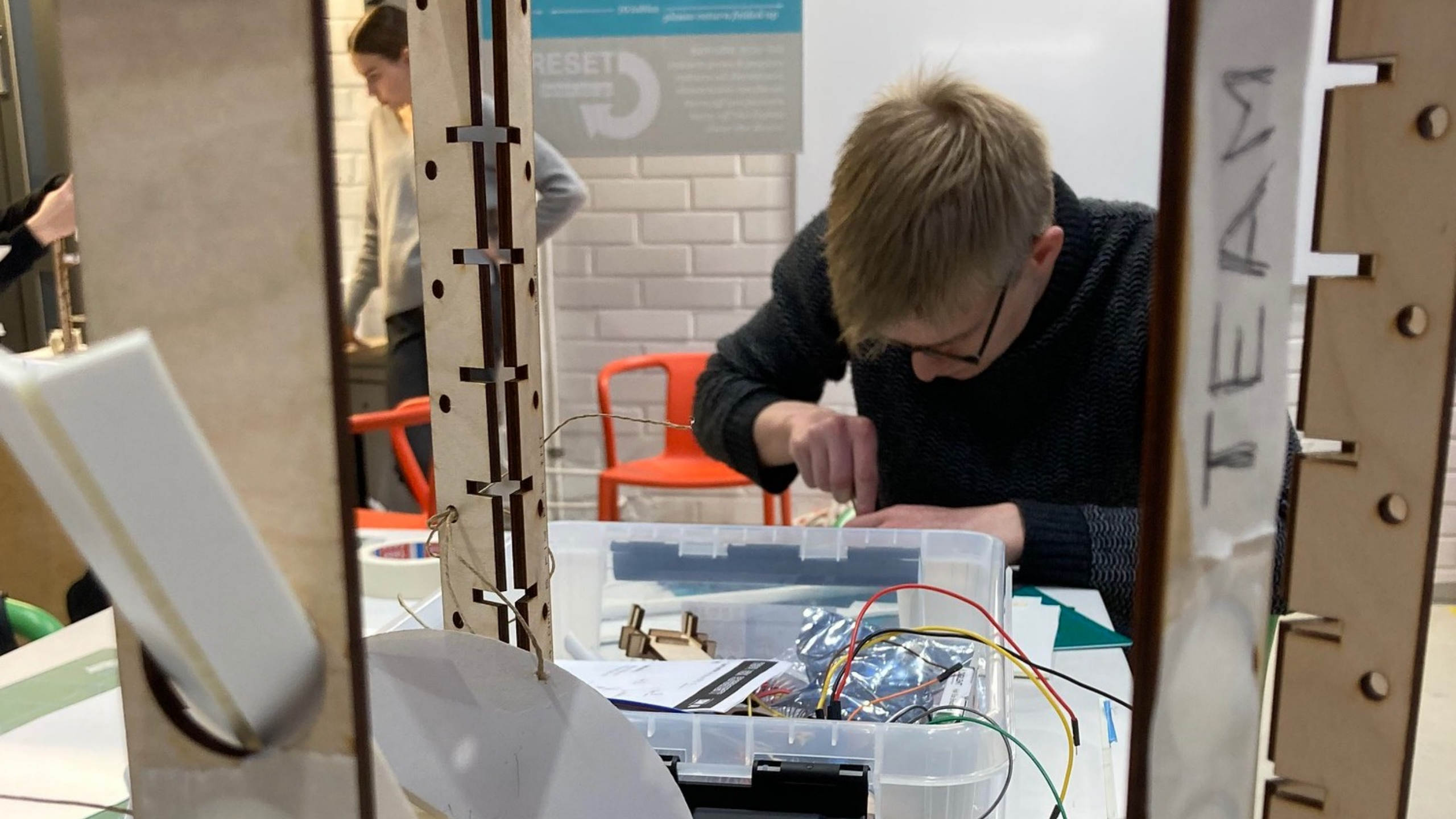
Power

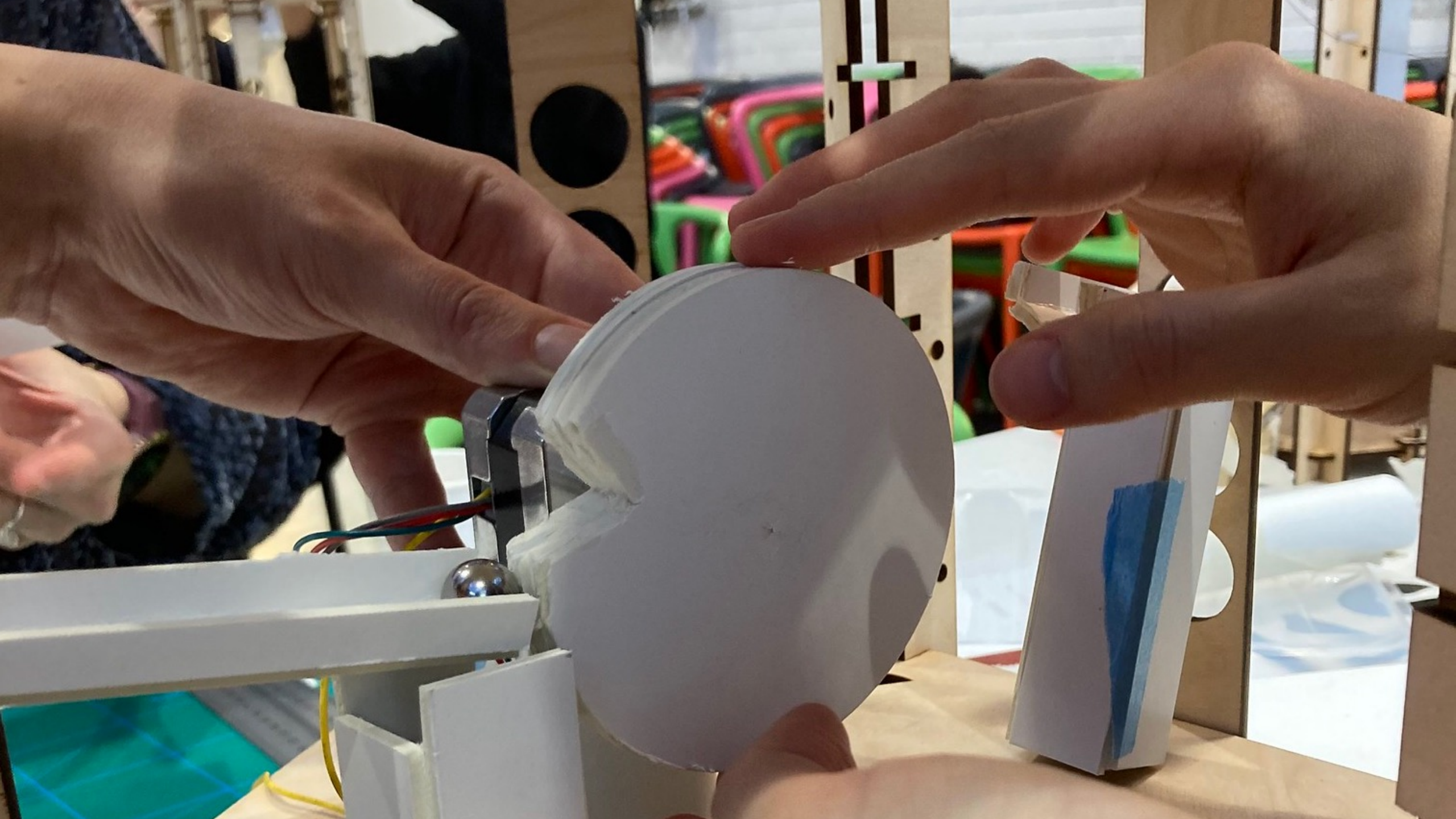
SUPERDRY
SD
AUTH.

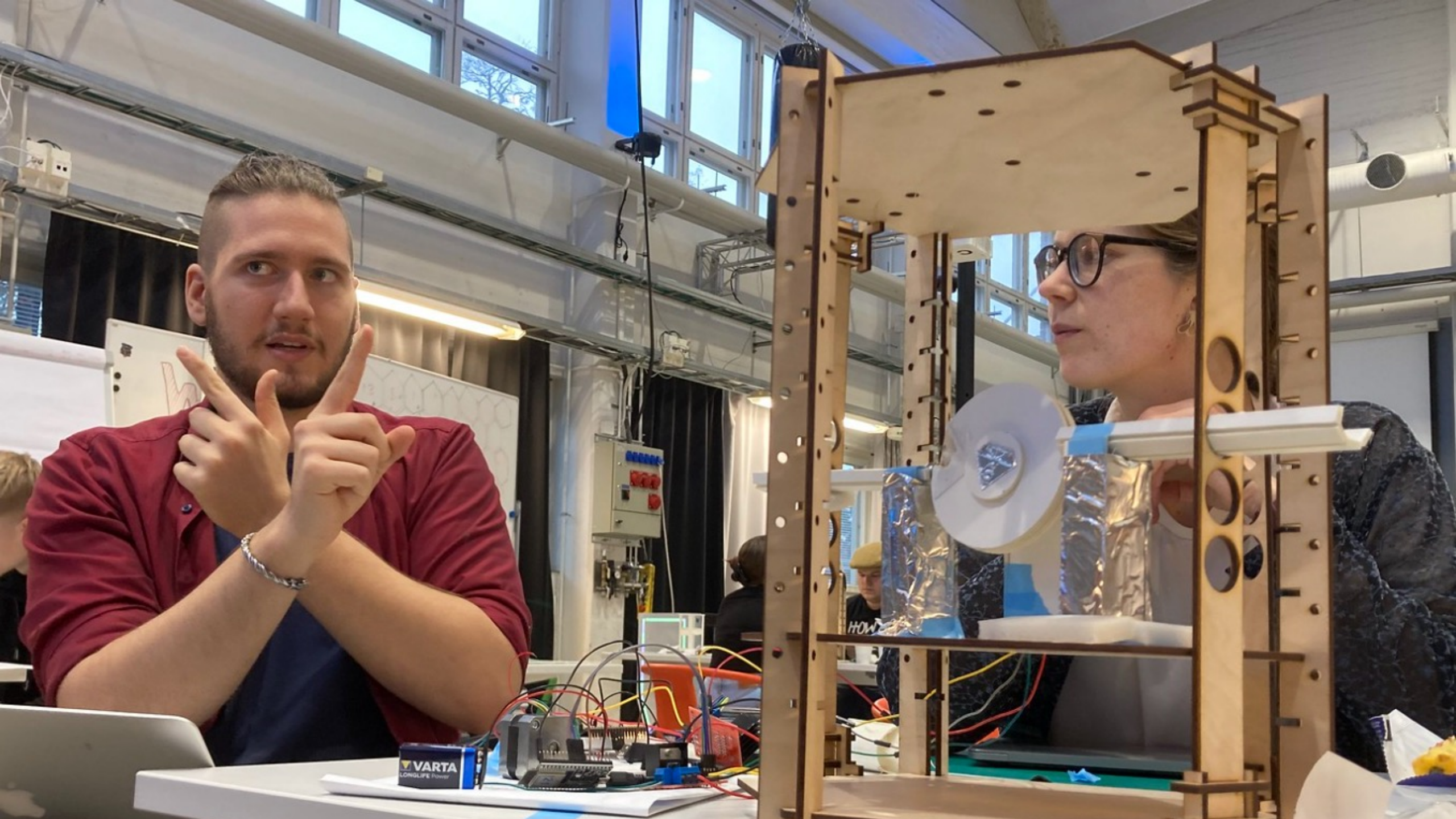
Löydät kaikki esitteemme: lohikari.fi
Разрезать осторожно
小心切割
HEPPI hex machine





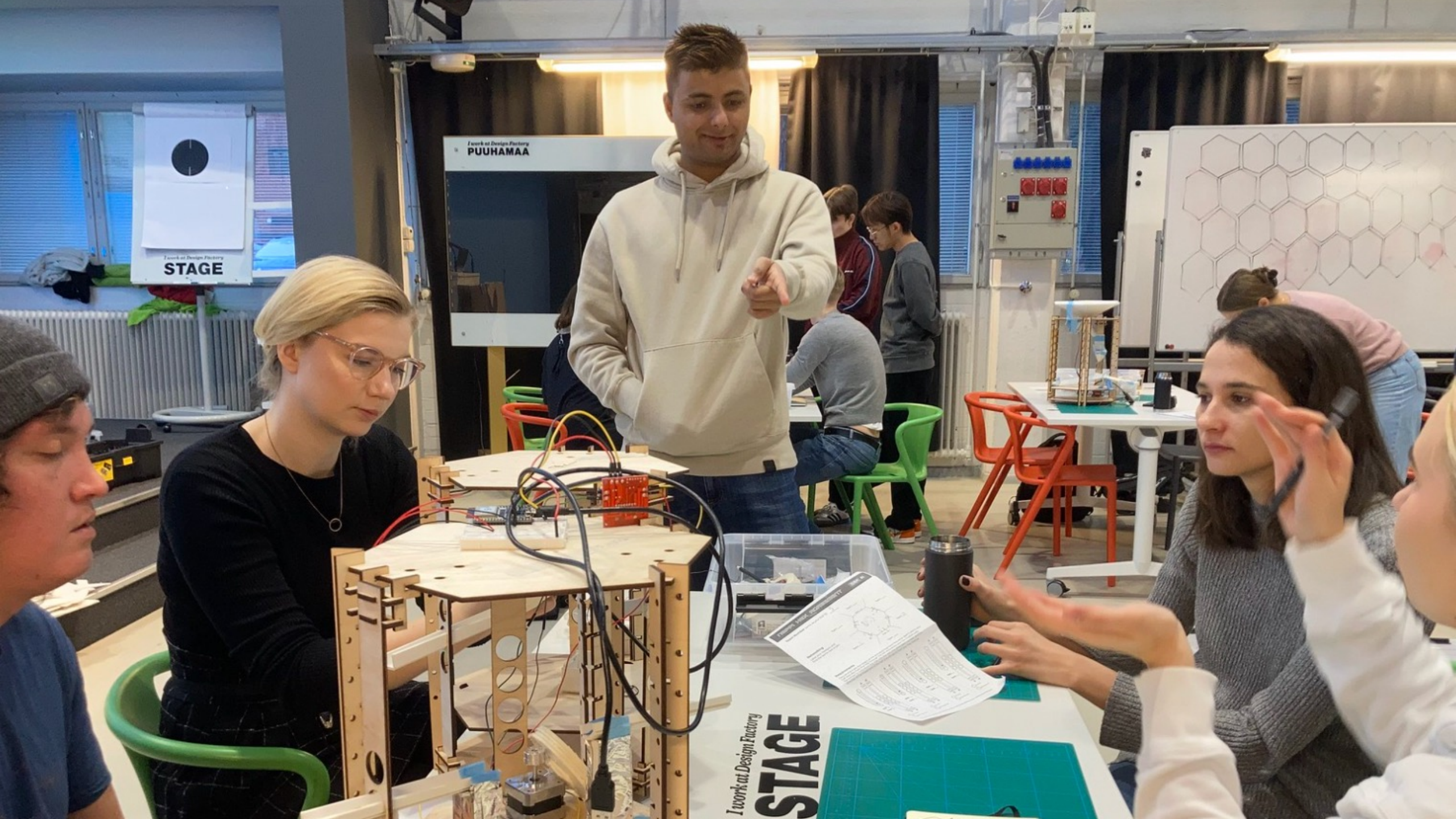

RESET
TEAM



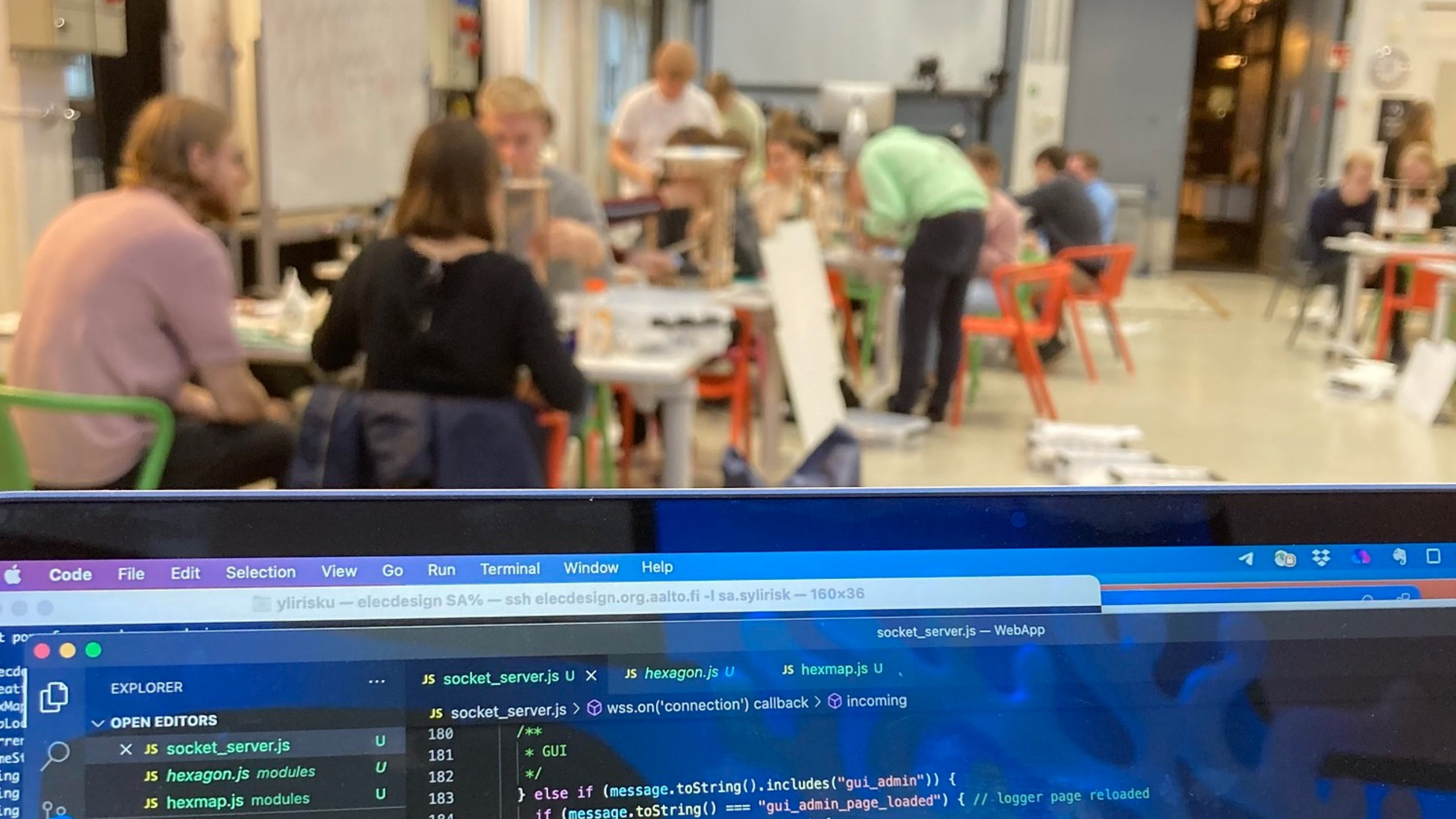

VARTA
LONGLIFE Power

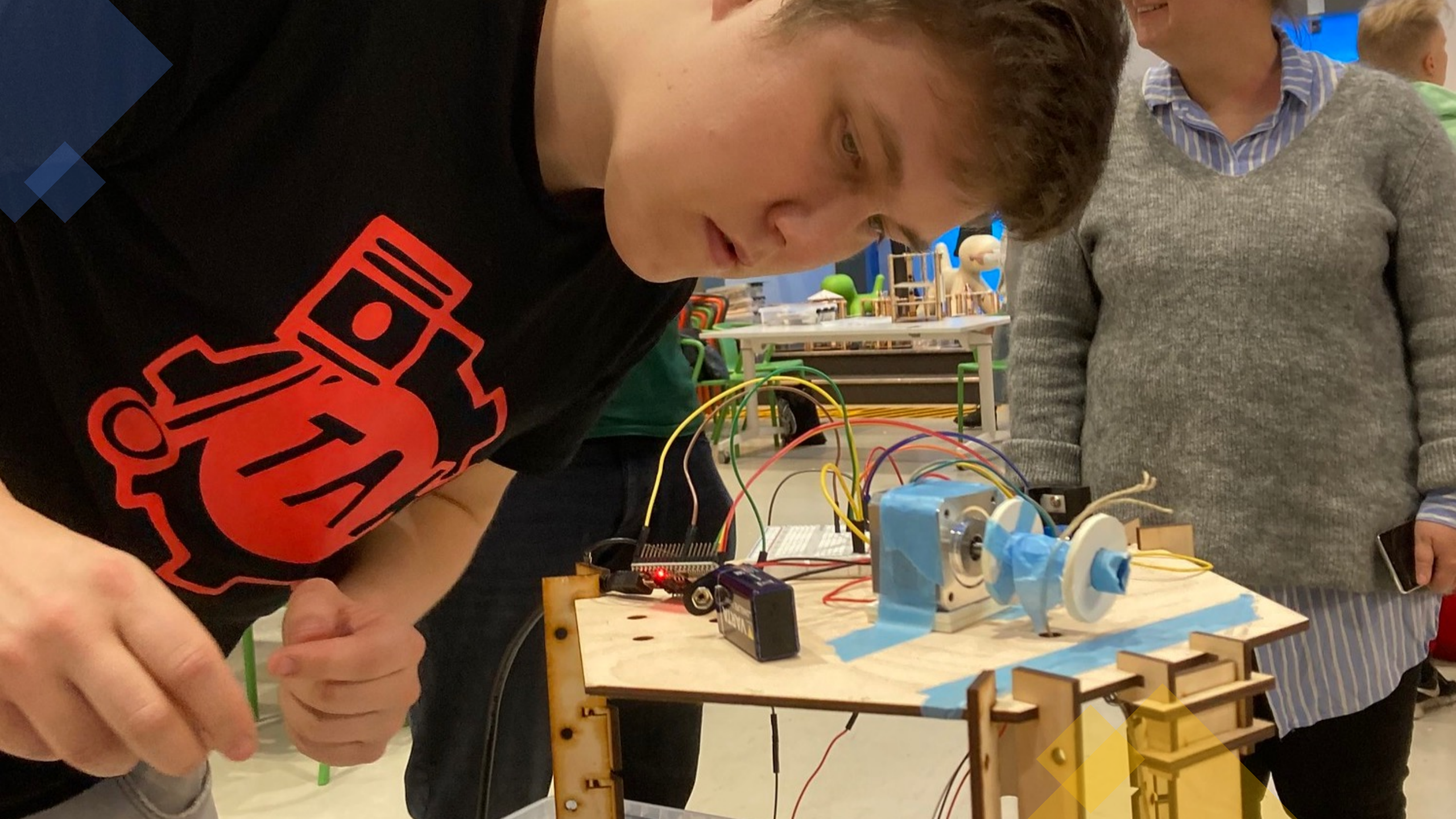
TABLES
Thank you for not leaving dirty dishes here
ADE
AALTO
IVERSITY

HOW YOU
DOIN'?


I work at Design Factory
PUUHAMAA
I work at Design Factory
STAGE
I work at Design Factory
STAGE

ALTO
UNIVERSITY


Code File Edit Selection View Go Run Terminal Window Help
ylirisku — elecdesign SA% — ssh elecdesign.org.aalto.fi -l sa.ylirisk — 160×36
socket_server.js — WebApp
EXPLORER
OPEN EDITORS
socket_server.js U
hexagon.js modules U
hexmap.js modules U
socket_server.js U
hexagon.js U
hexmap.js U
socket_server.js > wss.on('connection') callback > incoming
180 /**
181 * GUI
182 */
183 } else if (message.toString().includes("gui_admin")) {
if (message.toString() === "gui_admin_page_loaded") { // logger page reloaded



IDBM
IDBM
IDBM
IDBM

Work
in progress
Equality
Global

11
9
10
12

3

Reflecting on the experiment

- What did you learn?
- Write 10 things individually (5 minutes silence), let’s then discuss in small teams (5 persons in breakout rooms, 10 minutes), and then share the key insights from each team

What did we learn?

- Ok to record? If not, please, send a private message