

NEPPI Week III

7.11.2022

Reflections on HexMachine

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Agenda

Reflections on the Hex Machine exercise

Break

The IoT Concept Design Project briefing

The background consists of a dense, overlapping pattern of hexagons. Each hexagon has a slight 3D effect, with a darker blue shadow on its right side and a lighter teal highlight on its left side, creating a sense of depth. The overall color palette is a gradient from dark navy blue to a bright, almost white teal.

Hex Machine Reflection

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 an online service.
- Concrete experience of how IoT devices are built 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.

Round I

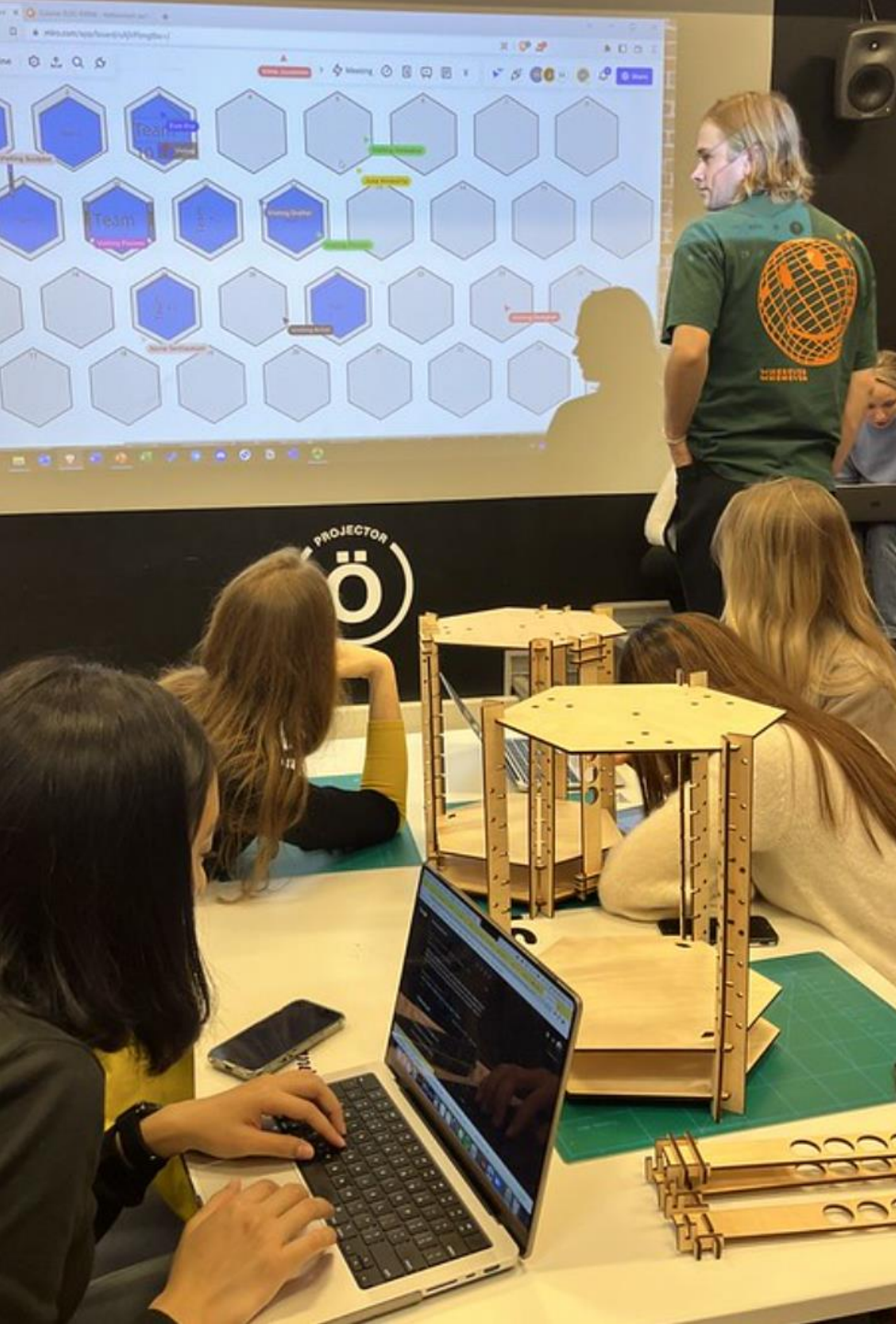


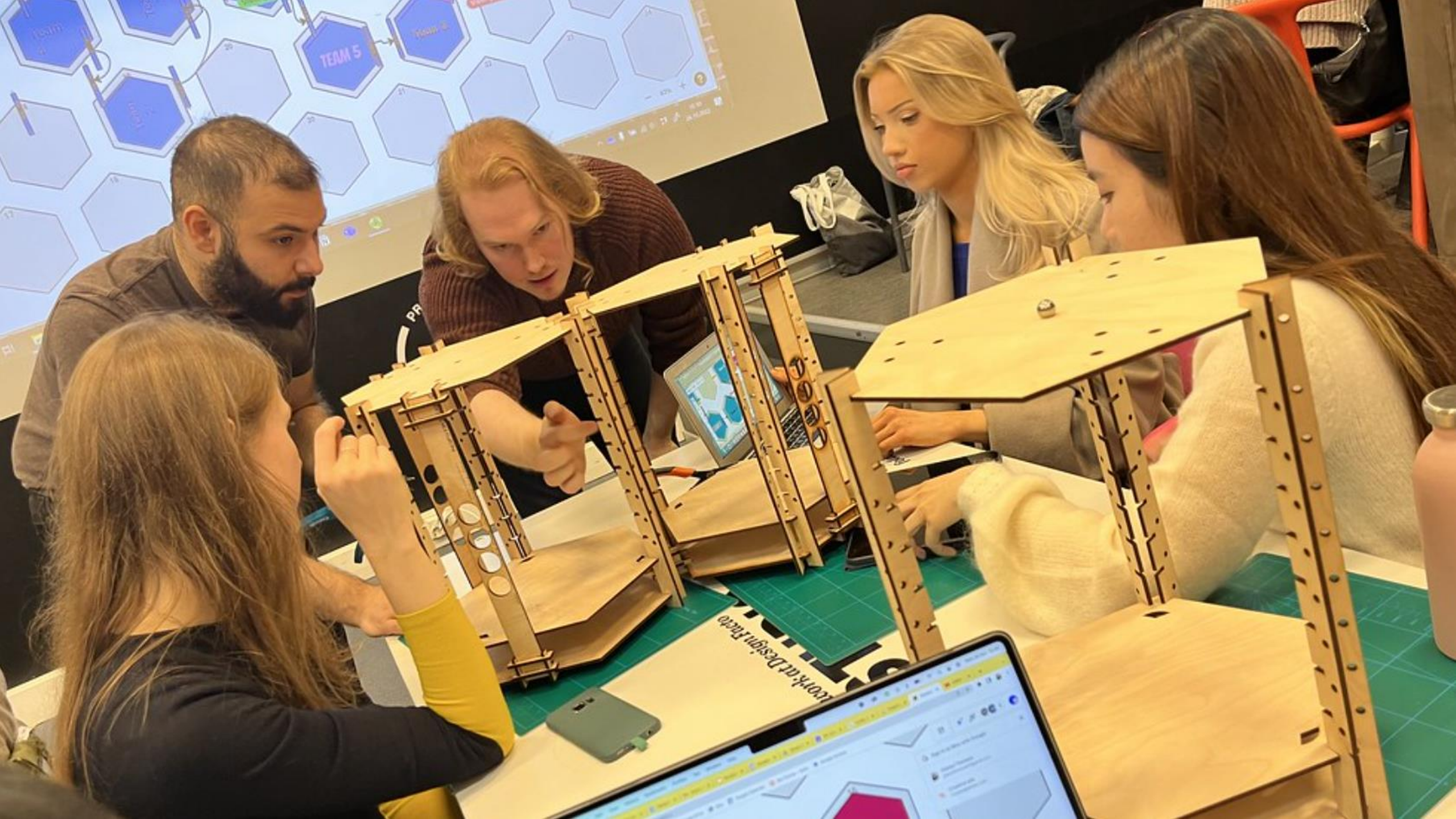


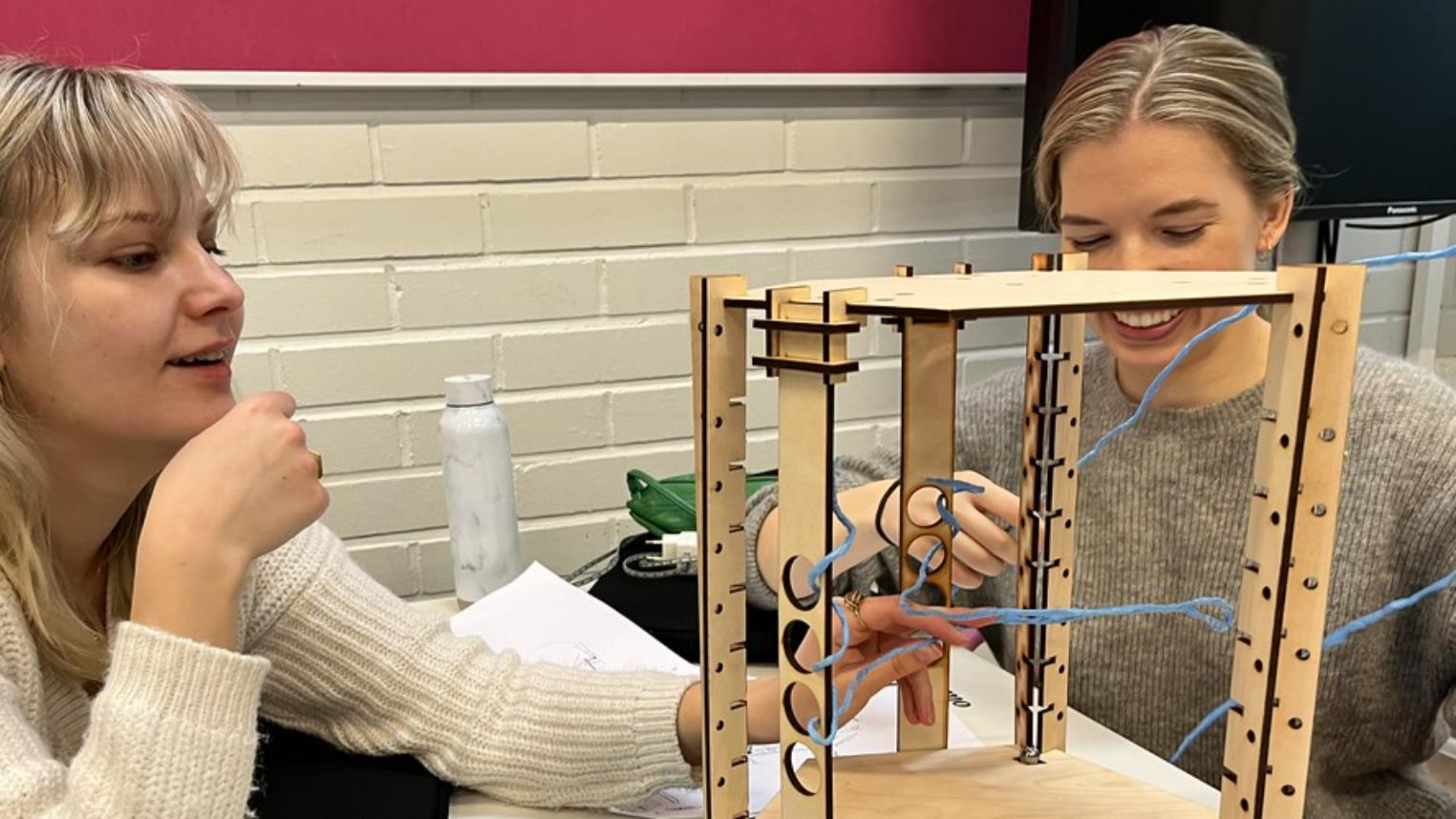
The teams - Week 2

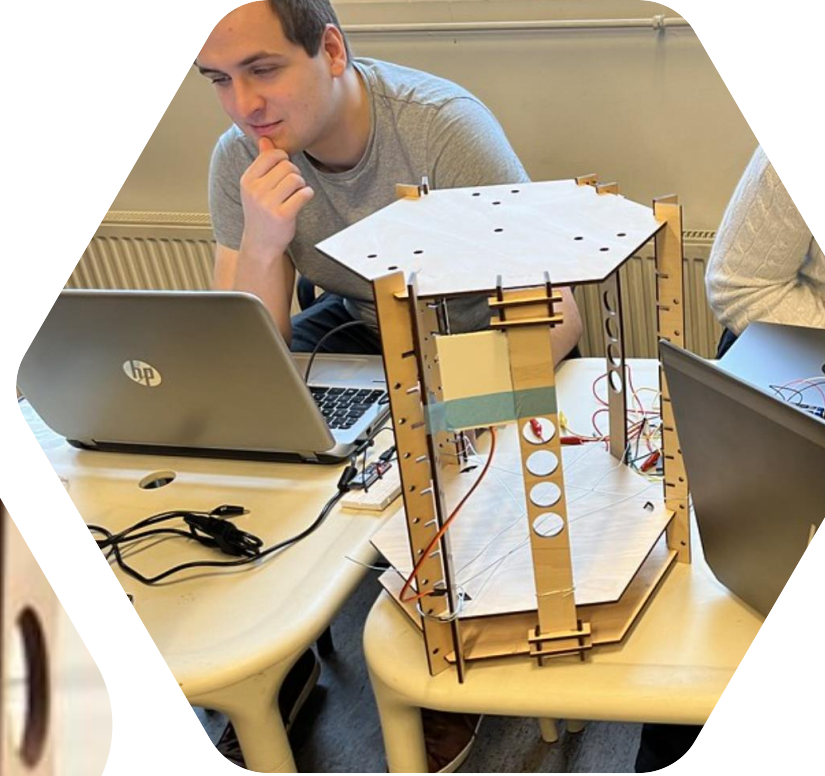
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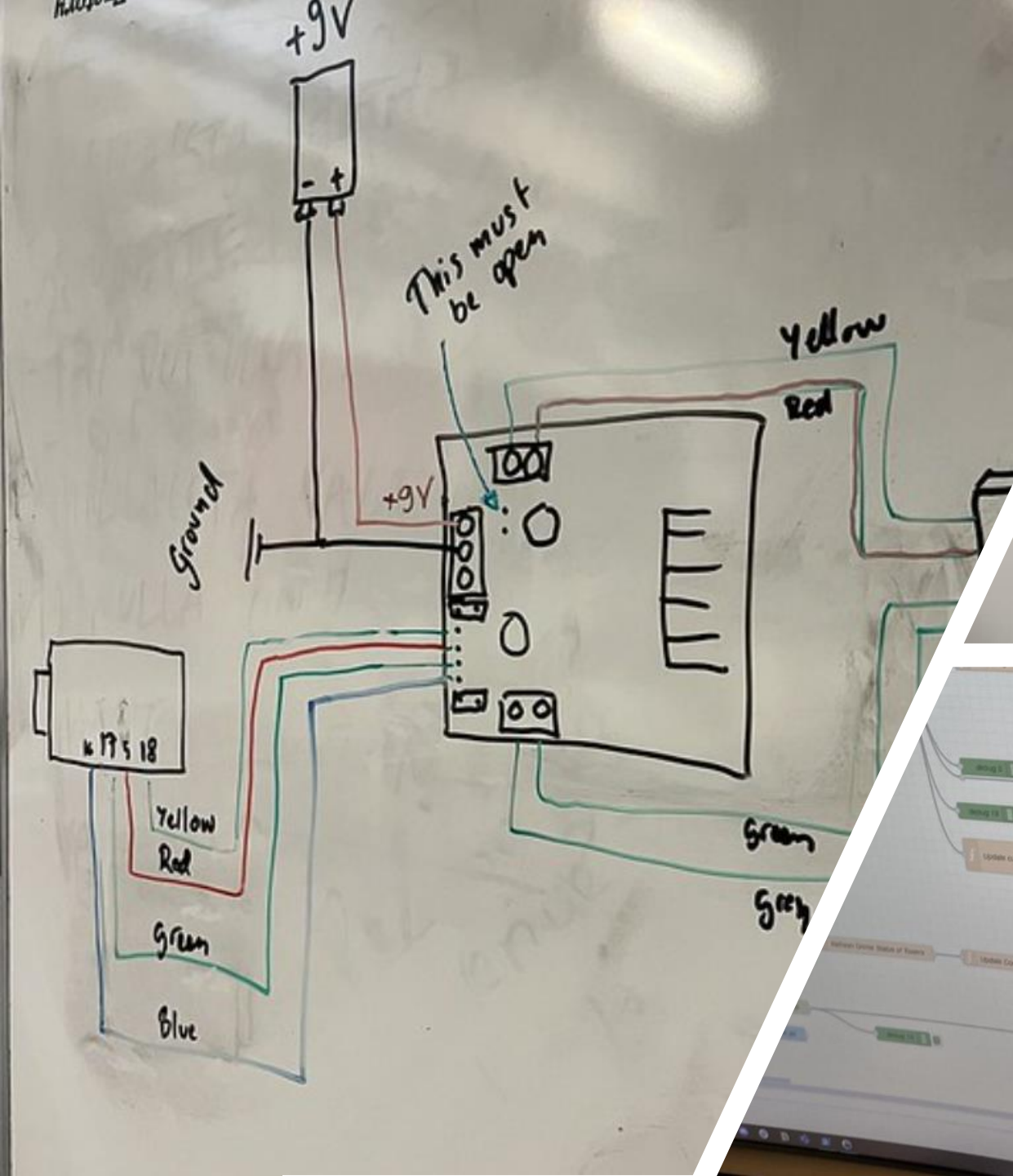


























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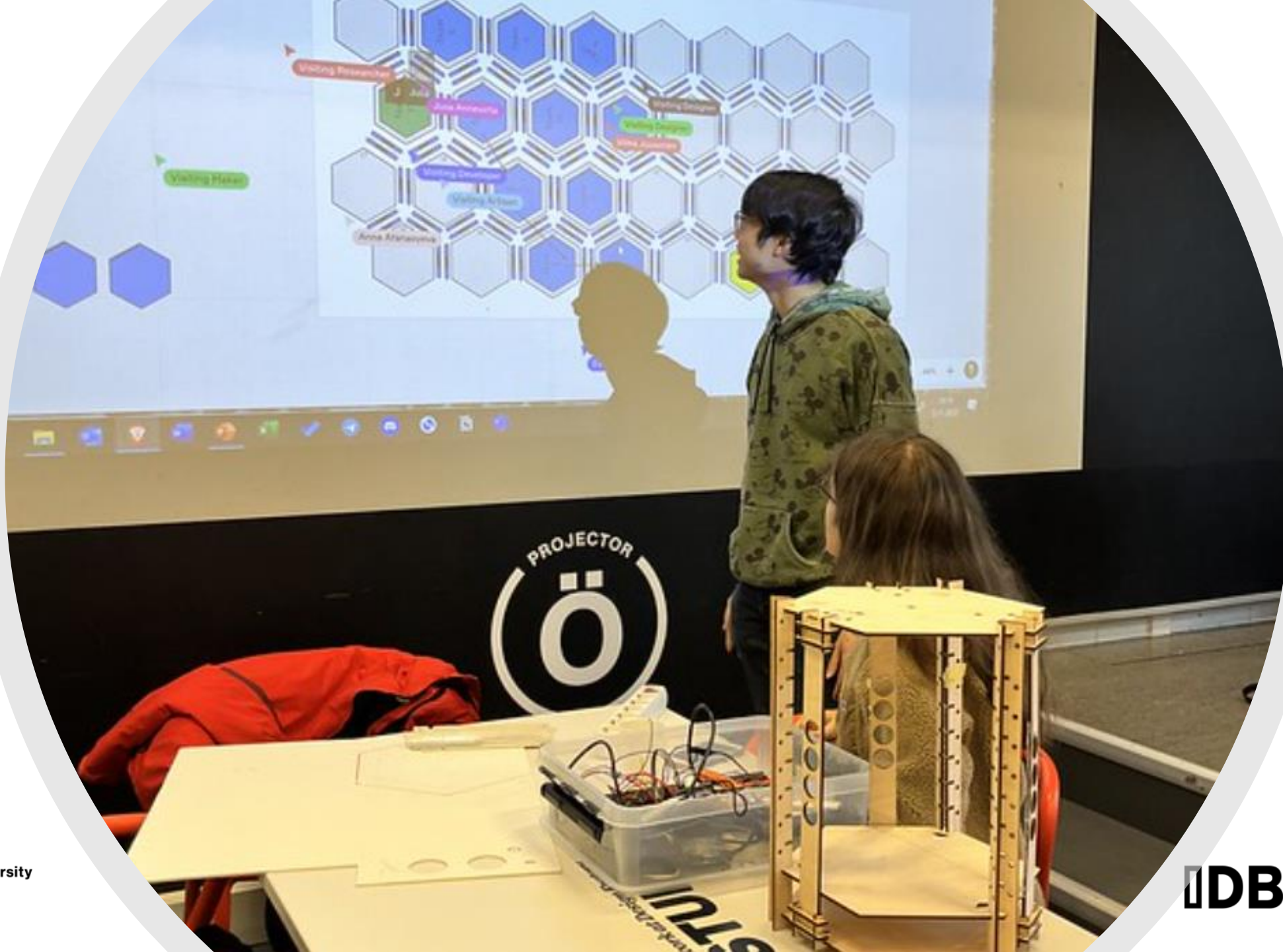


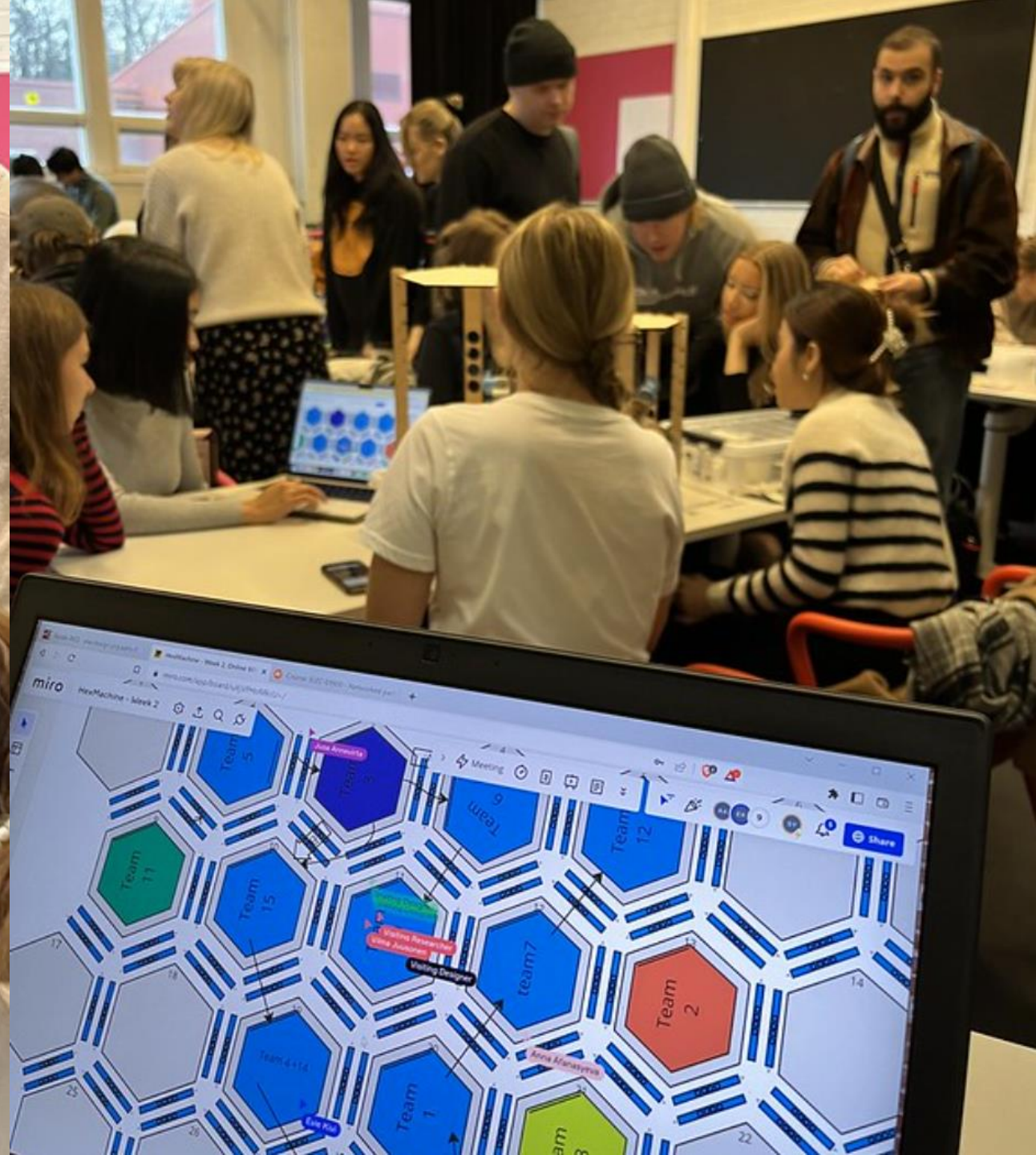
"INNOVATE A WAY TO

I work at Design Point
PUIHAMA



Round II

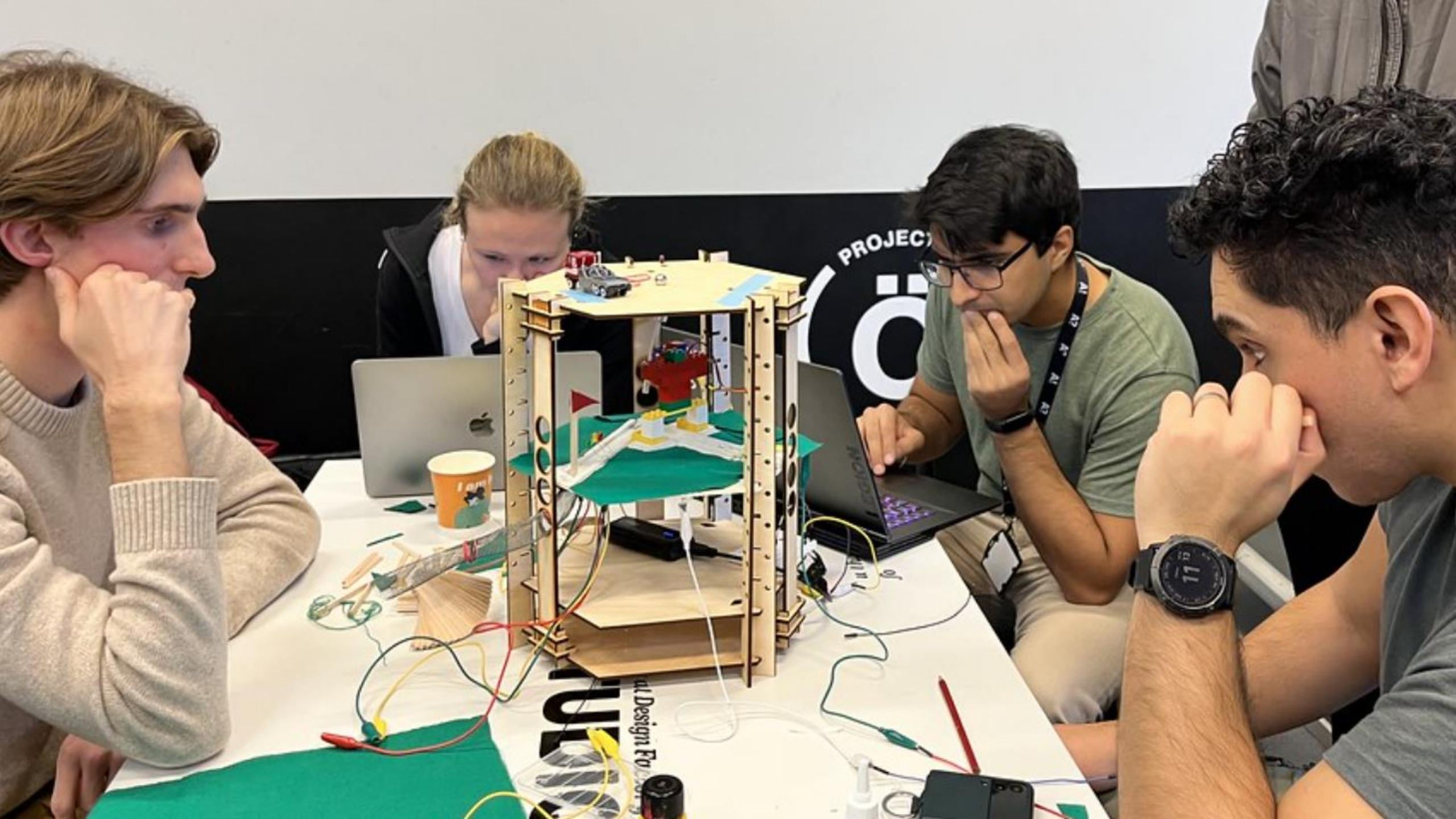










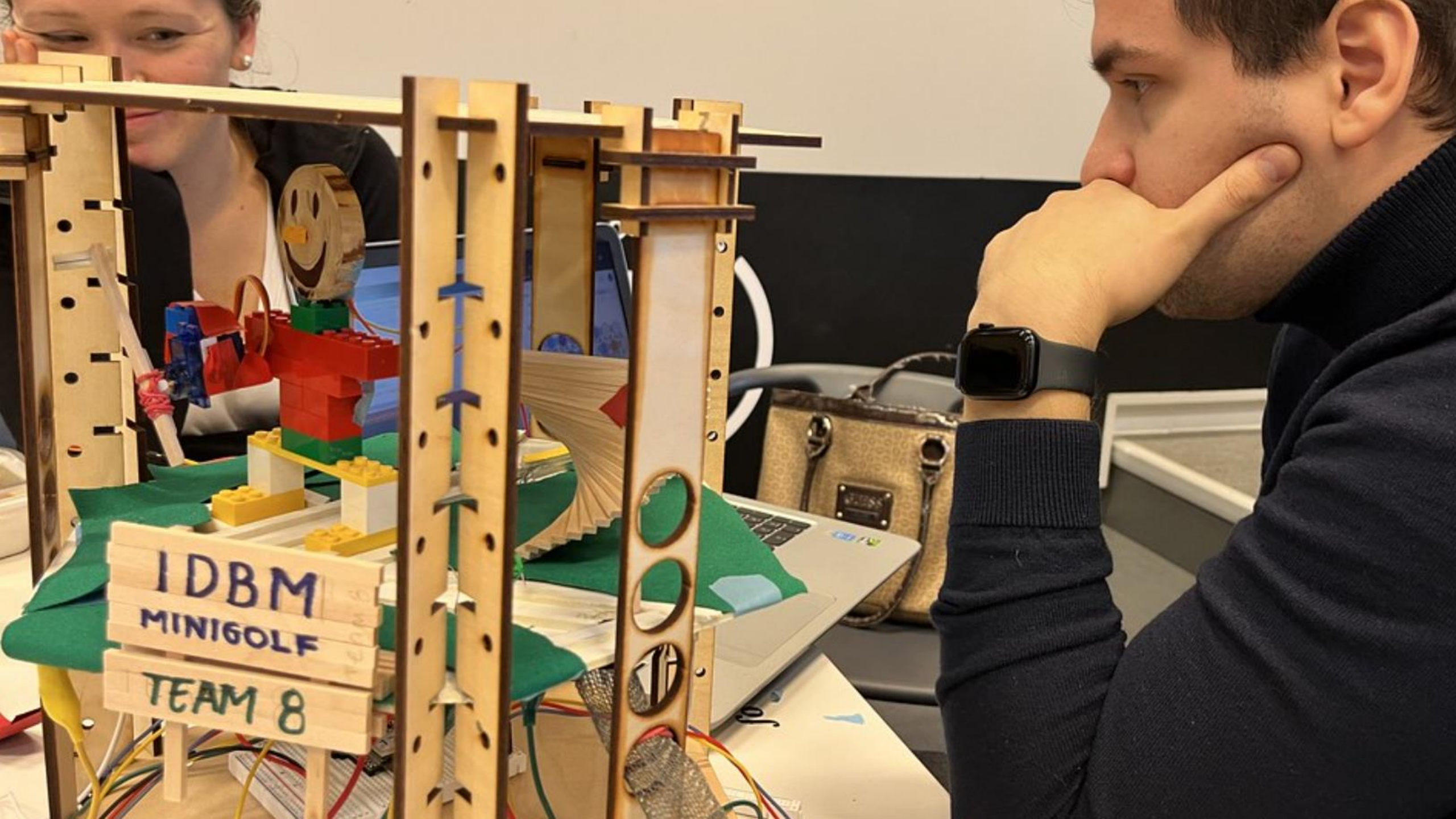


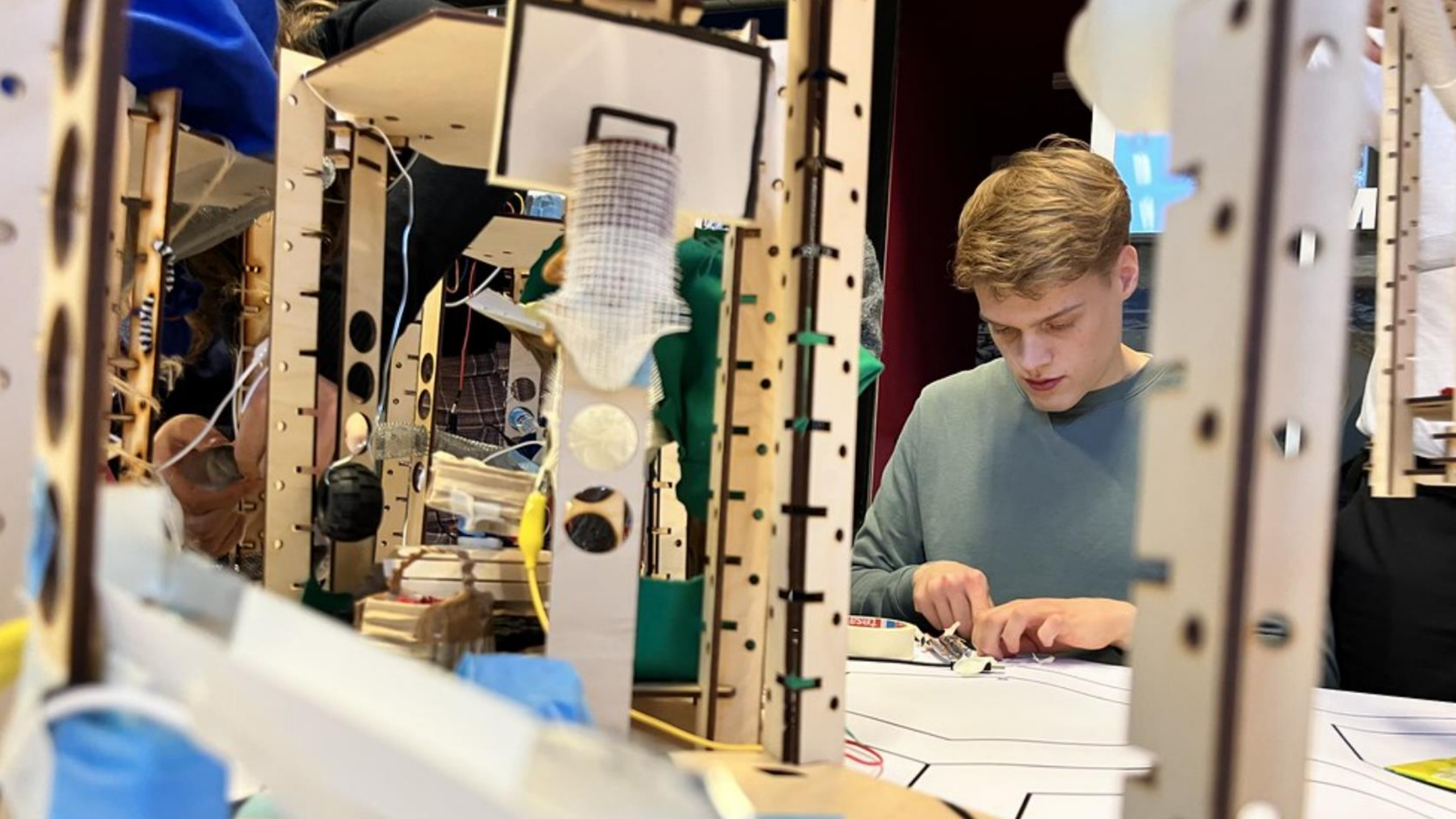








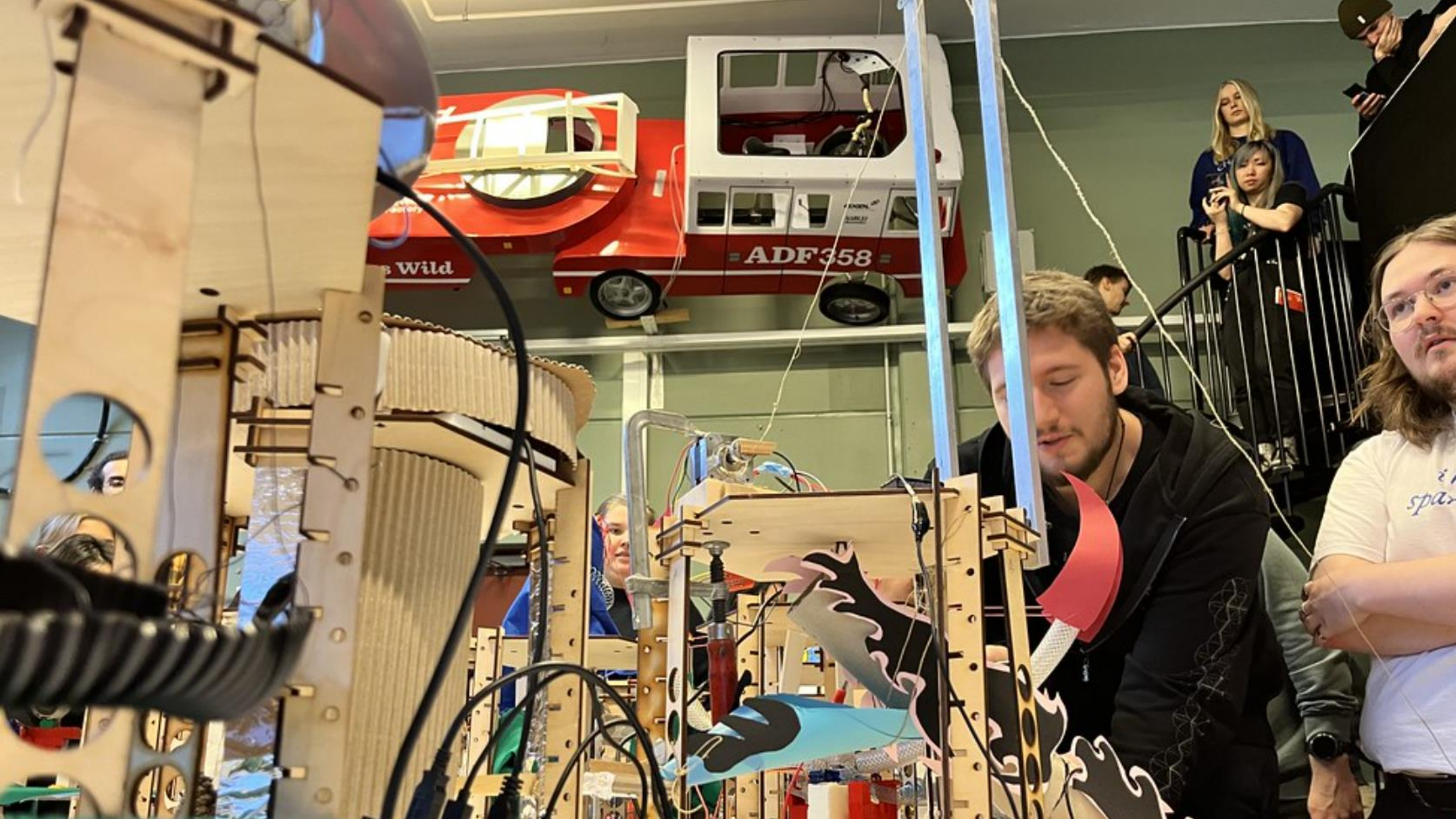
















[REFLECTING]

Partnering and Agreeing

Agreement template:

- Original vs. new agreement template (Miro)

Agreement practice:

- Negotiating, fixing, and validating

Generic insights for making agreements?

Ideation

How did you ideate?

- Sketching? Acting?
- Finding stuff and just pushing in?

How did you choose which idea is good?

Generic insights for ideation?

Implementation

- Planning vs. making?
- Possible changes of plans?
- Causes for the changes?

Generic insights for prototype implementation?

Timekeeping & meeting deadlines

- Any trouble with this?
- What caused the problem(s)?

Generic insights for meeting deadlines?

Resourcing

- What do you consider as your 'resources'?
- How did you decide what will be your 'resource'?
- Any problems finding your resources?

Generic insights for resourcing?

