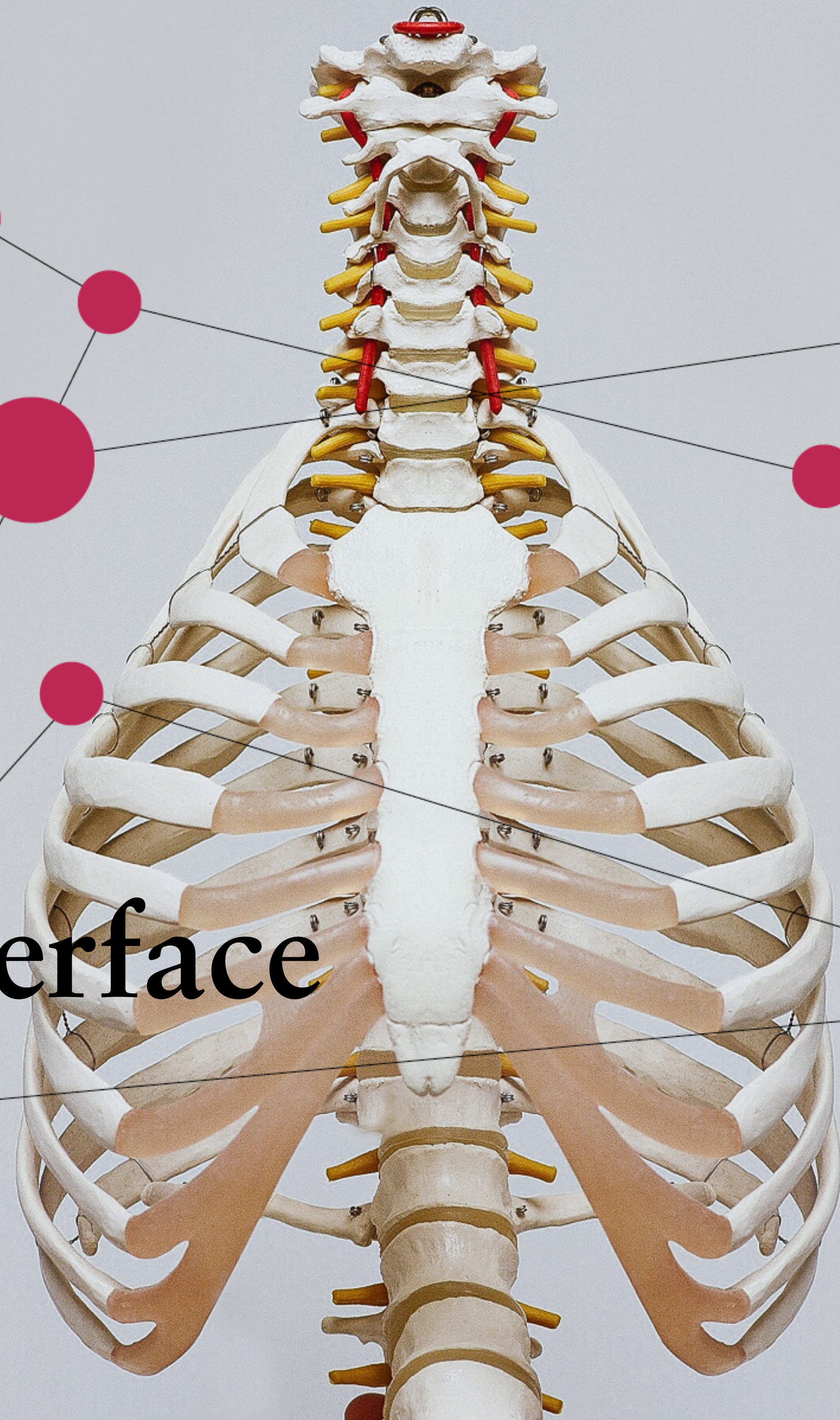


**Jürgen Späth  
Marcial Koch**

**ZHdK  
Graphical User Interface  
11. Mai –  
11. Juni 2021**



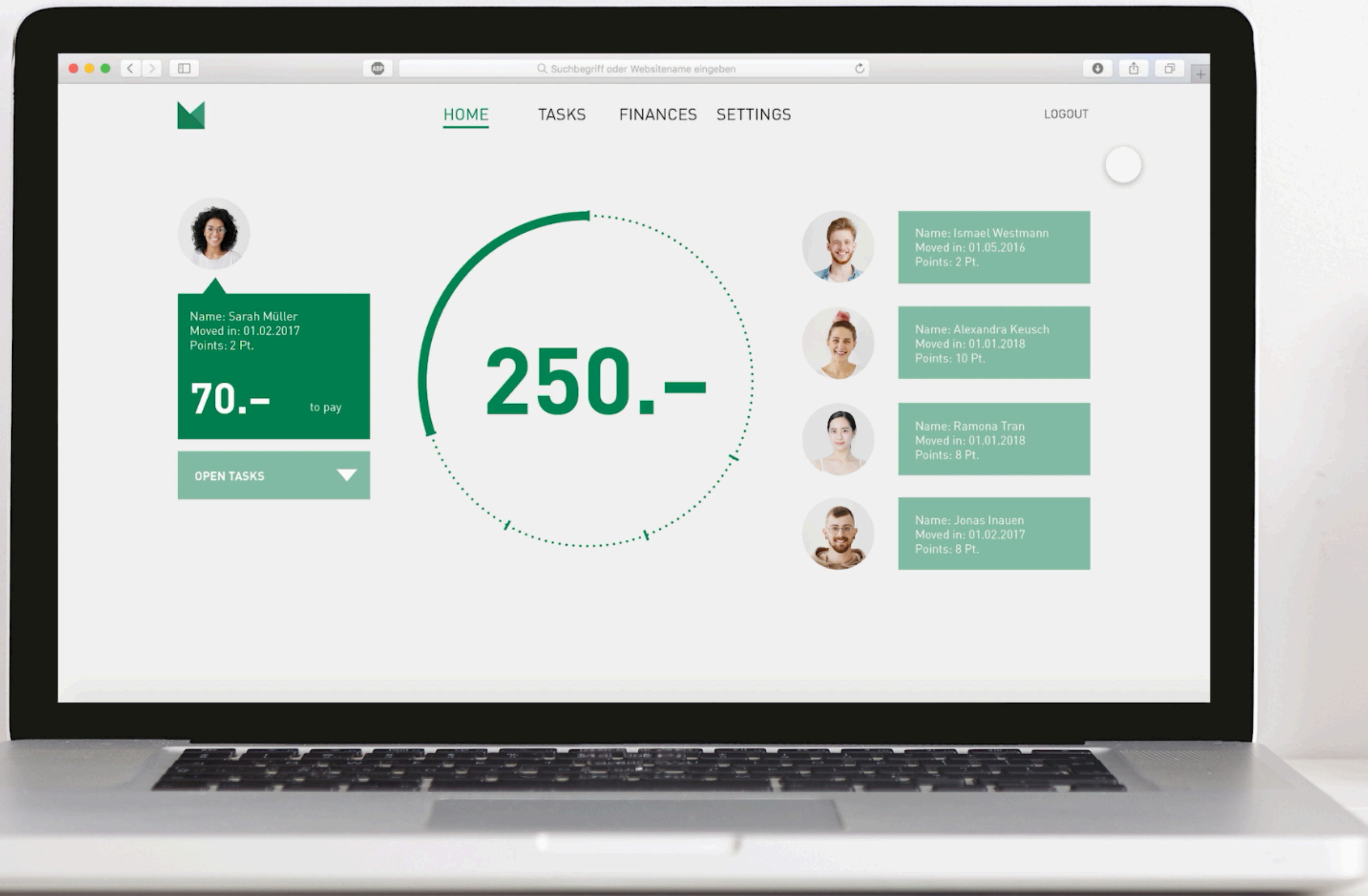


Past

/ Shared apartment web App –  
Organize and simplify living  
together







[HOME](#) [TASKS](#) [FINANCES](#) [SETTINGS](#)

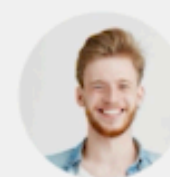
[LOGOUT](#)



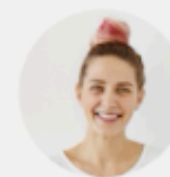
Name: Sarah Müller  
Moved in: 01.02.2017  
Points: 2 Pt.

**70.-** to pay

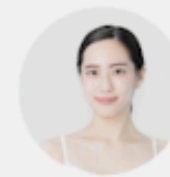
OPEN TASKS ▼



Name: Ismael Westmann  
Moved in: 01.05.2016  
Points: 2 Pt.



Name: Alexandra Keusch  
Moved in: 01.01.2018  
Points: 10 Pt.



Name: Ramona Tran  
Moved in: 01.01.2018  
Points: 8 Pt.



Name: Jonas Inauen  
Moved in: 01.02.2017  
Points: 8 Pt.





**MACHT!**



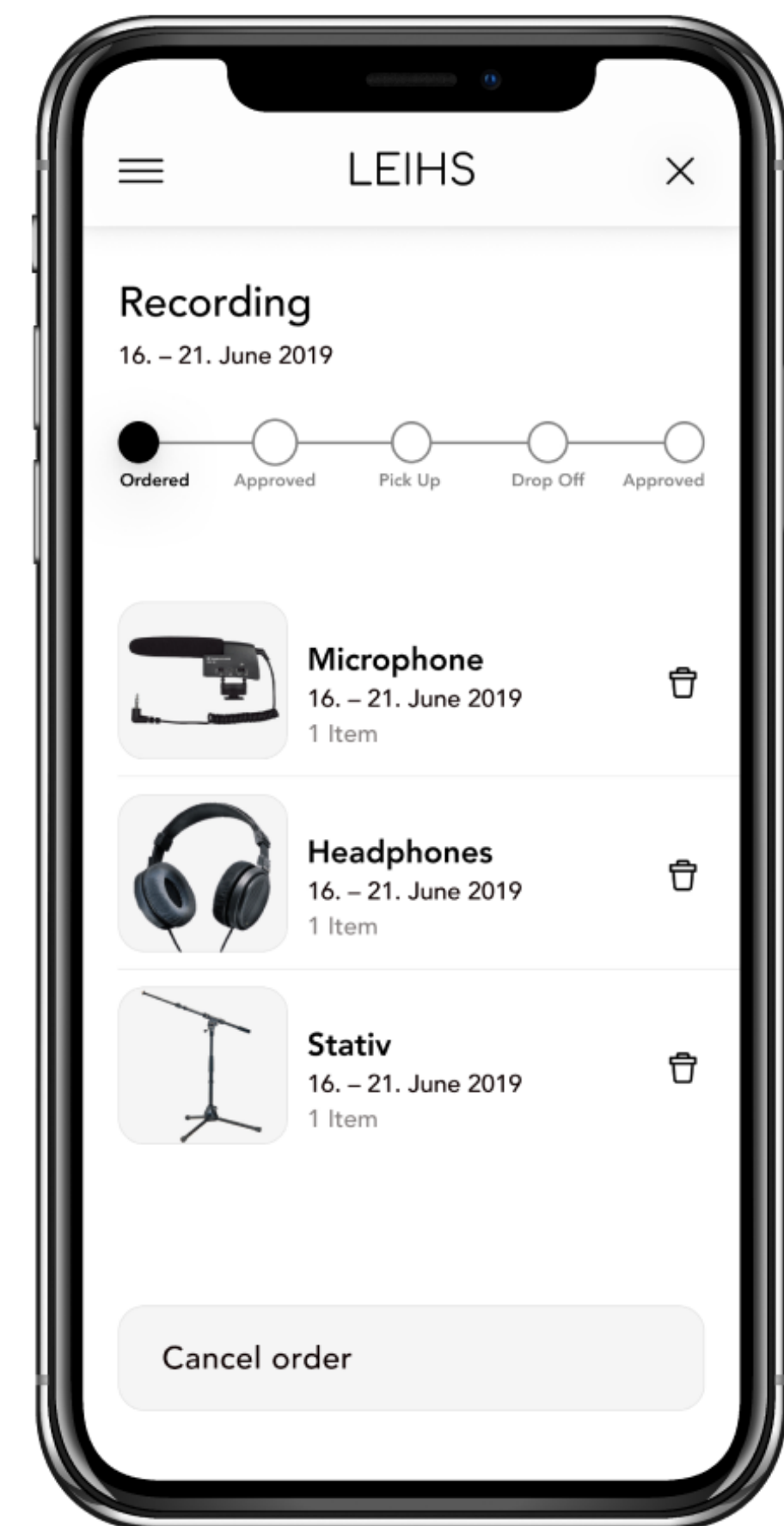
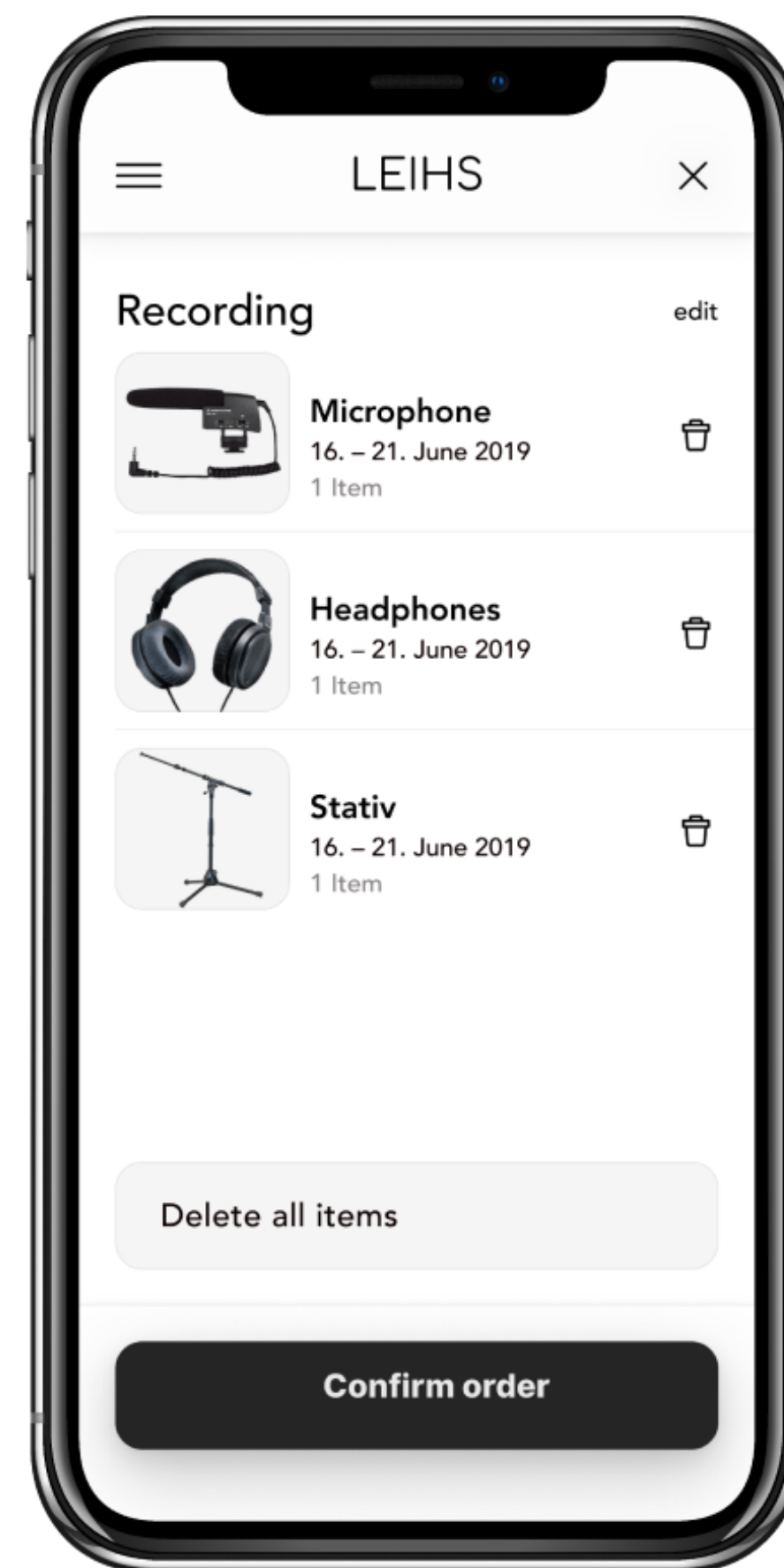
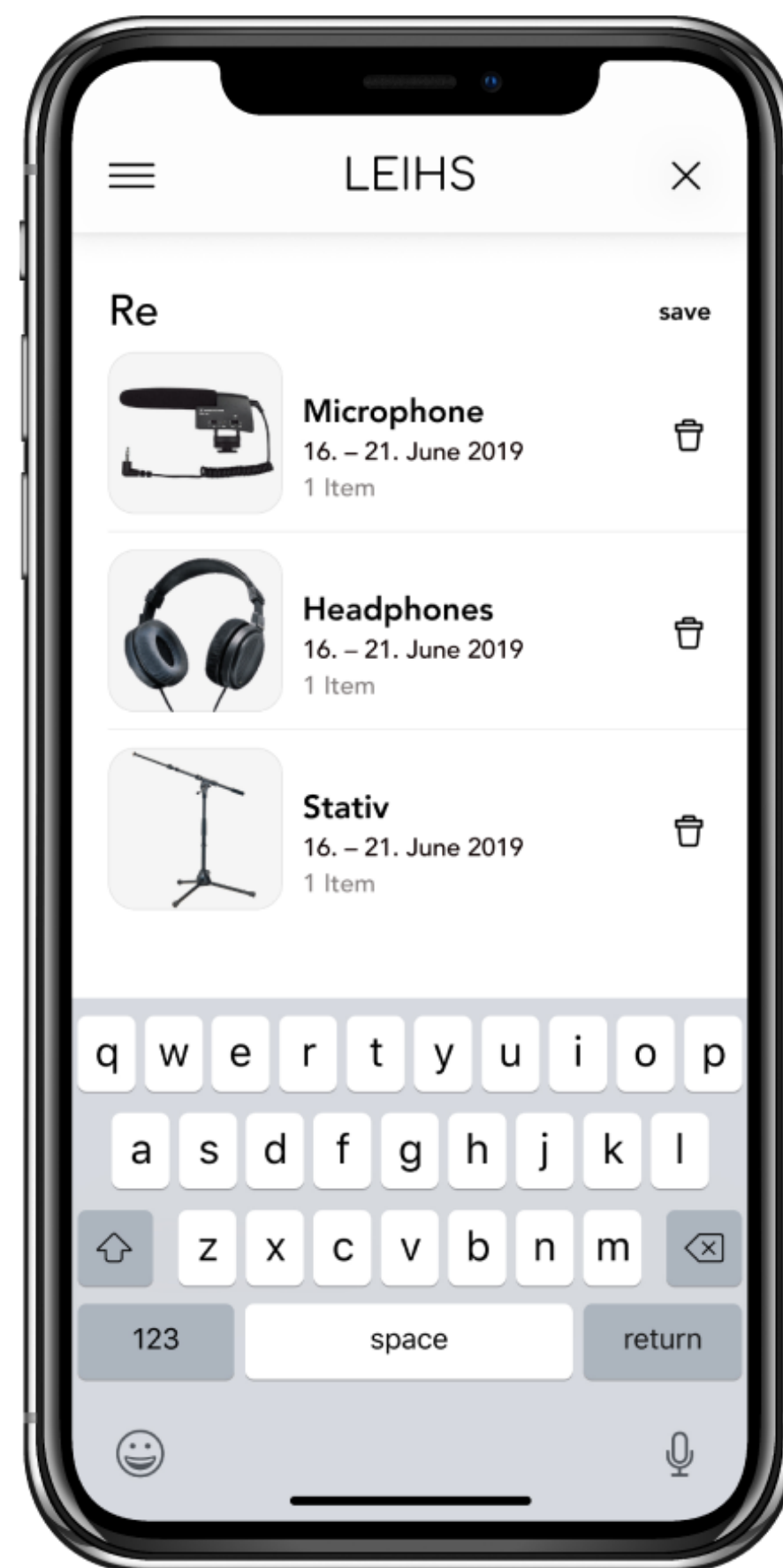
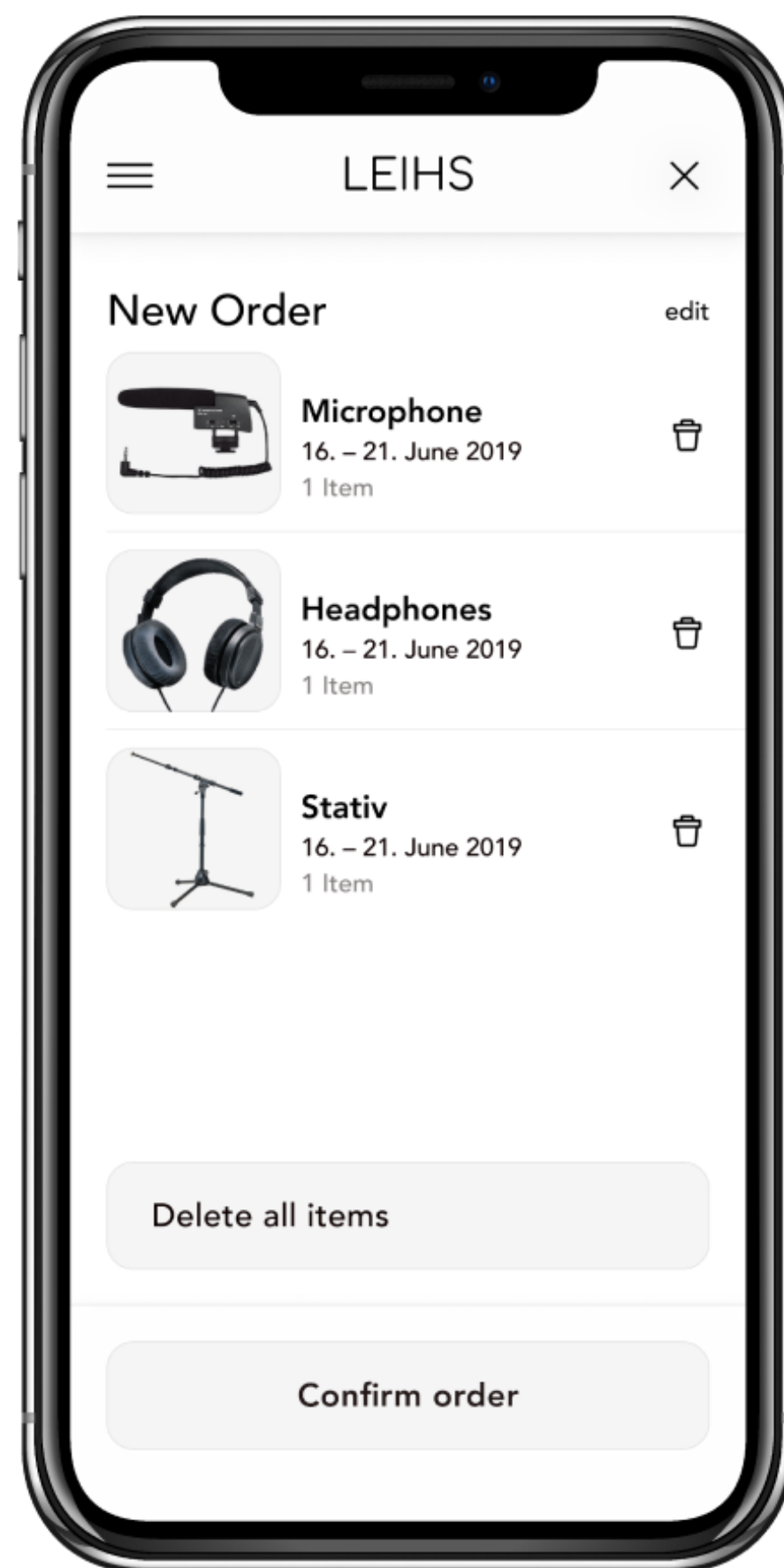
# Past / Leih





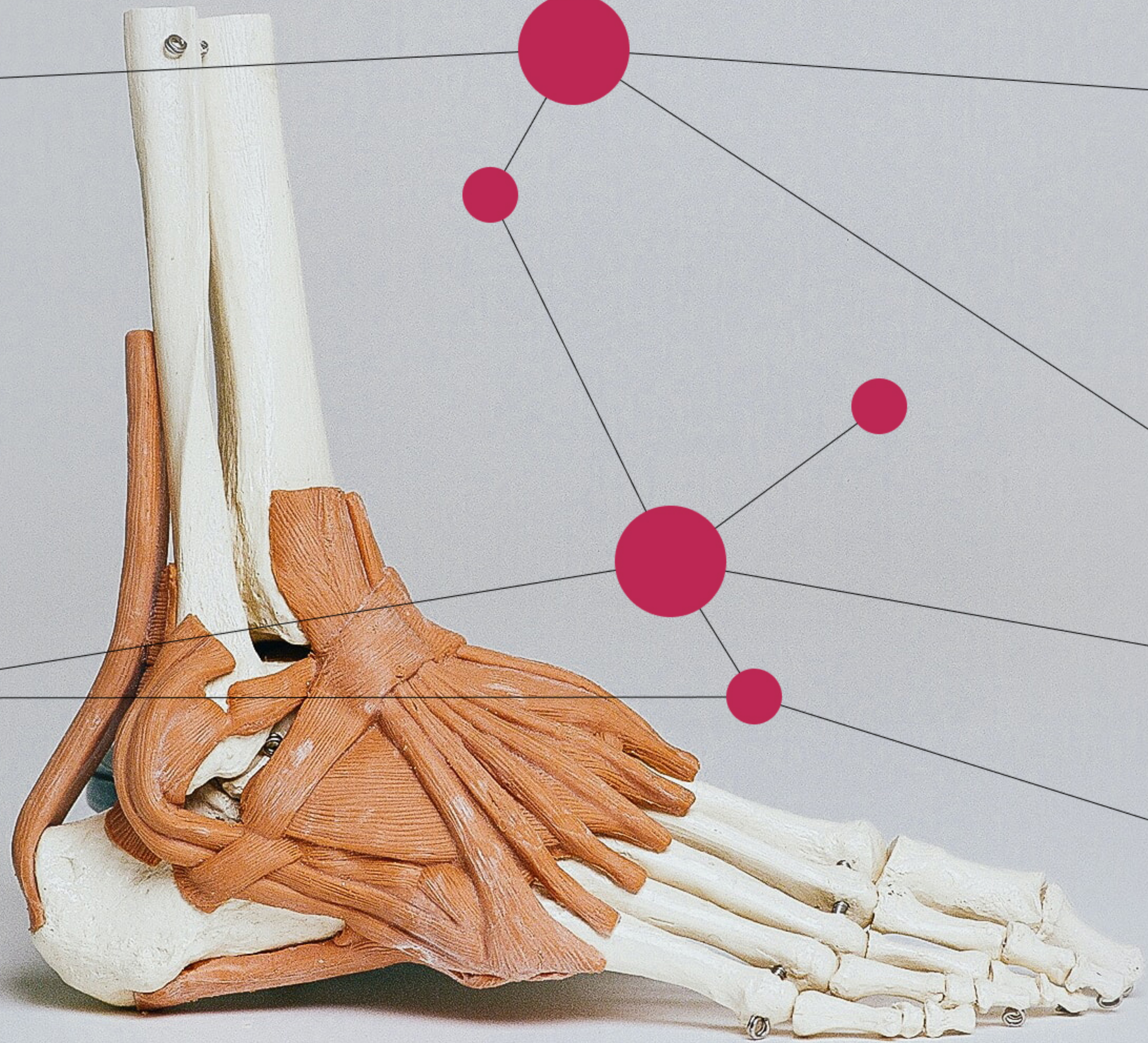
# Leih

## / Cooperation ITZ



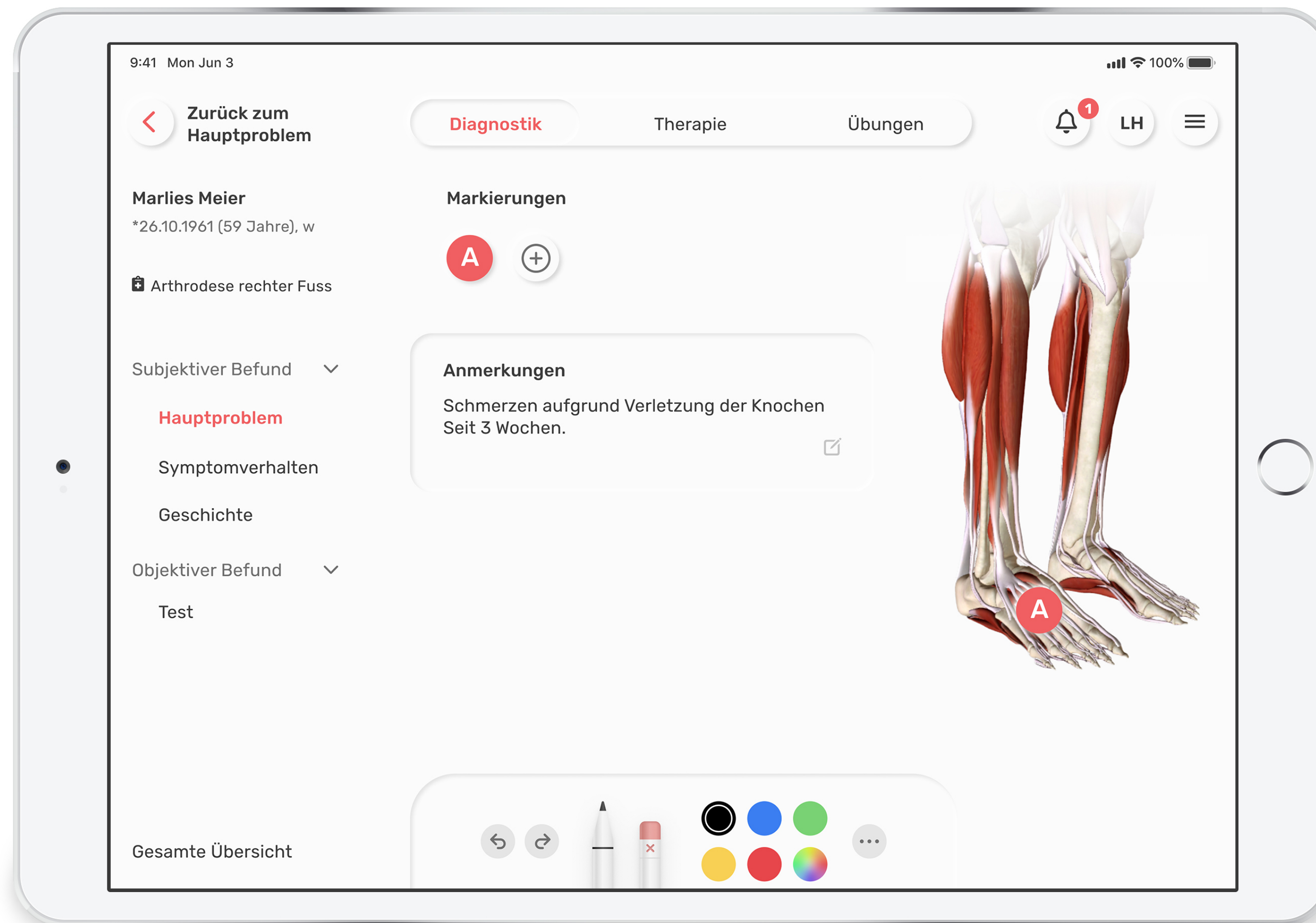


# Past / PhysioX





# Leih / Cooperation ZHAW







Suche



### Nächster Termin

Fr. 14.05.2020  
14:00 Uhr

**Marlies Meier**  
Arthrodese rechter Fuss

Weiter zum Termin >

**S. Habegger**  
Kreuzbandriss

14:30 Uhr >

**D. Fachmann**  
Bandscheibenvorfall

15:00 Uhr >

**N. Brigattillitoolitoo**  
Knie OP

09:



Patienten



Termine



Dokumentationen



Übungen



Nachschlagen



Einstellungen



Present  
/ Interface preliminary study  
for a research project





# Cooperation partner / ZHAW Gesundheit Bewegungslabor





**Dr. Christoph Bauer**  
**/ Head of Research Group Movement Laboratory**  
**Deputy Head of Research Center Physiotherapy Science**



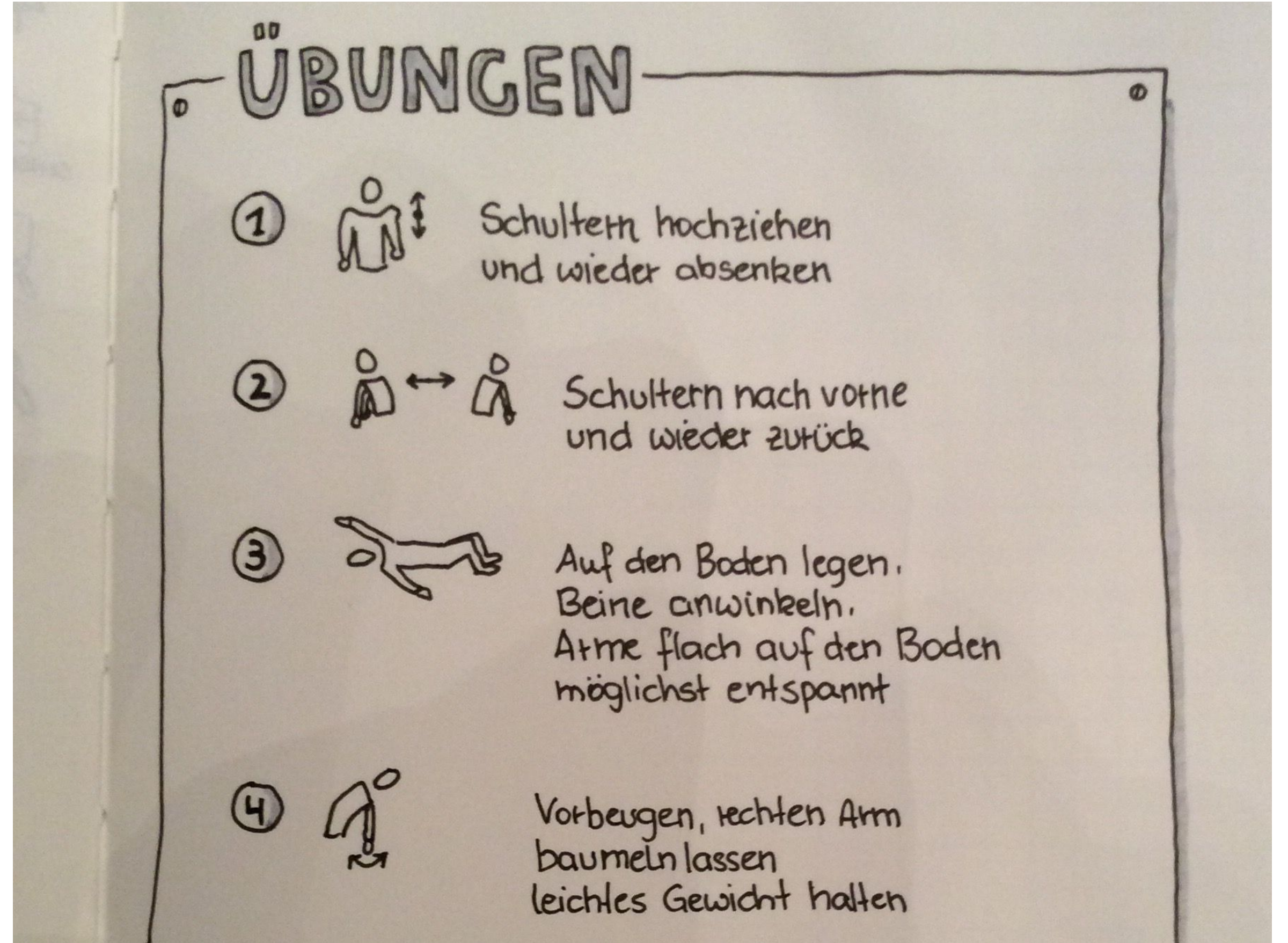


# Research project / Therapeutic intervention database





# Status quo / Blackbox intervention





**World Health Organization**  
/ ICHI International Classification of Health Interventions  
/ new classification for reporting and analyzing health  
interventions





# ICHI International Classification of Health Interventions / Example: MU - Muscle functions

The screenshot displays the ICHI Beta-3 web application interface. On the left, a hierarchical tree lists various ICHI codes under the 'MU - Muscle functions' category. The code 'MU2.AA.ZZ - Assessment of muscle functions' is highlighted. On the right, a detailed view for 'MU2.AA.ZZ' is shown, including a table with the following information:

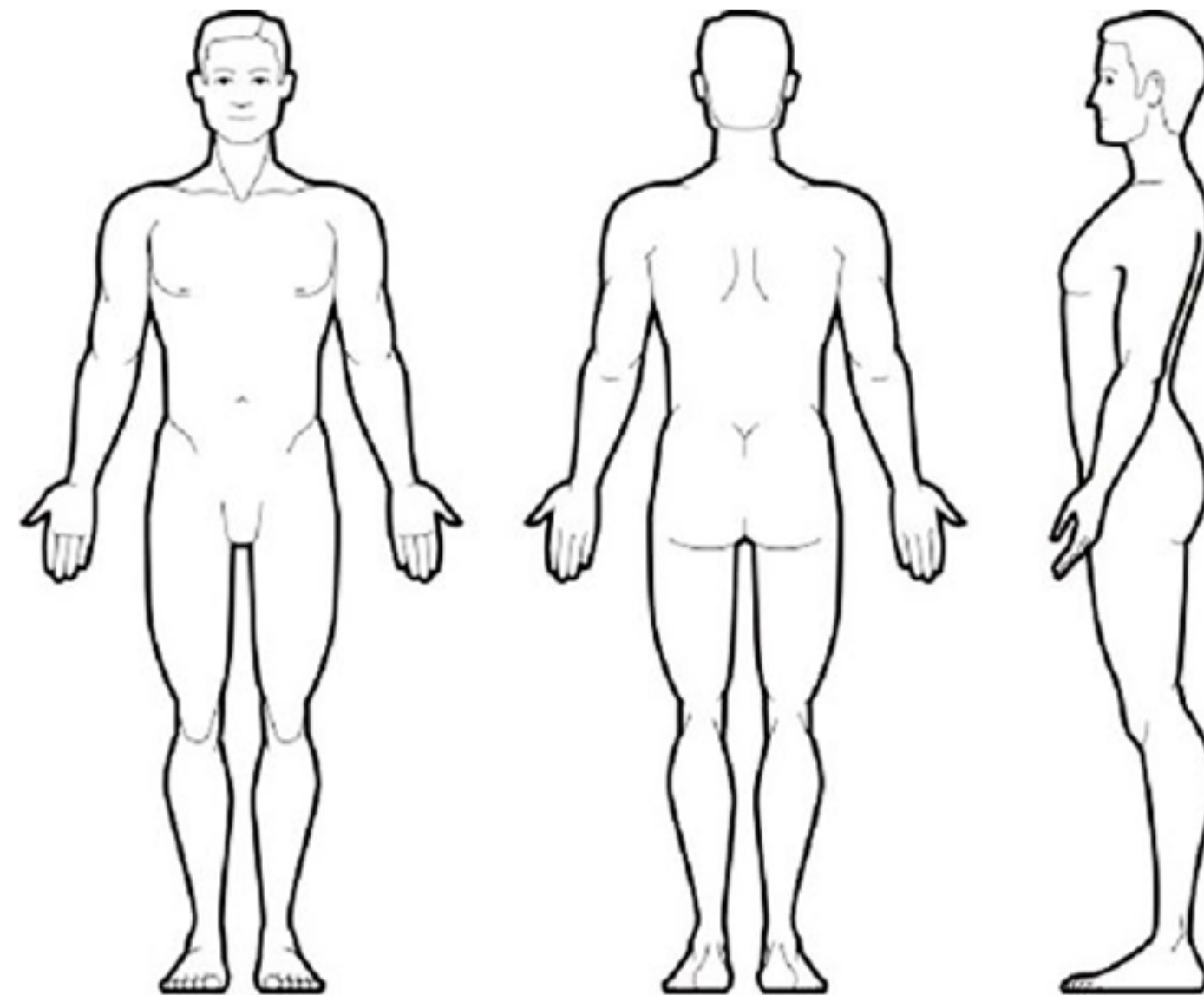
Field	Value
ICHI code	<b>MU2.AA.ZZ</b>
Target	<b>MU2</b> - Muscle functions
Action	<b>AA</b> - Assessment
Means	<b>ZZ</b> - Other and unspecified means
ICHI descriptor	<b>Assessment of muscle functions</b>
Definition	Evaluating the functions related to muscle power, muscle tone and muscle endurance
Index Terms	
Includes Notes	
Code also	
Excludes Notes	

At the bottom of the page, the footer reads: 'ICHI Platform v1.15.0 - © Copyright World Health Organization (WHO), 2020. All Rights Reserved.'



# Task

/ The task is to develop a user interface that makes it possible to enter the intervention components as simply and efficiently as possible.





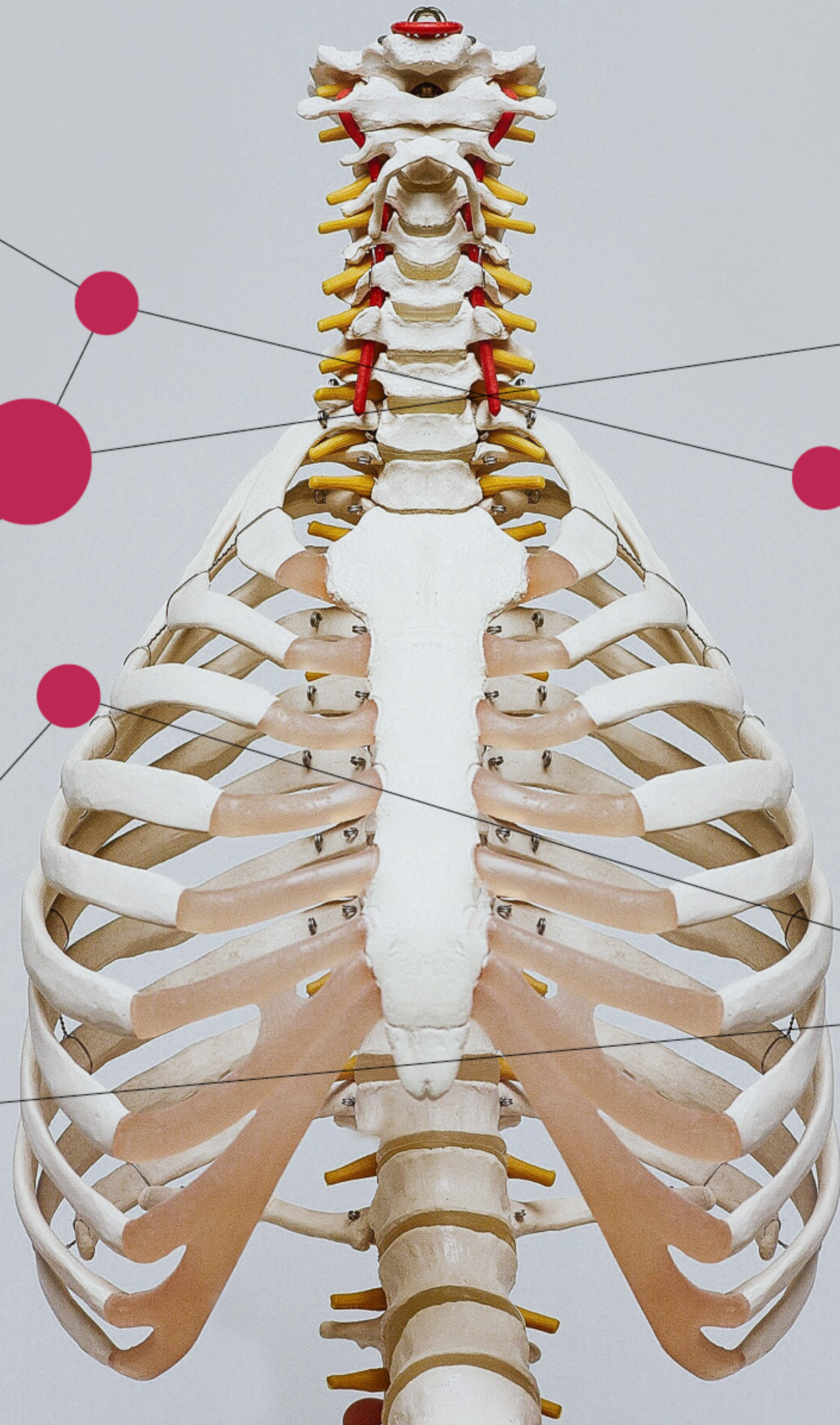
## Setting

/ The digital transformation increases the chance to decode the black box interventions:

Digital techniques can be used to structure and analyze information. For this purpose, a digital knowledge database for therapeutic interventions is being developed. It should later include examination results, intervention components and possible influencing factors such as the age of the individual patient. The structured recording of the intervention components should be based on the international classification for health interventions (ICHI) of the WHO.



# Design process / Week 1 to 5





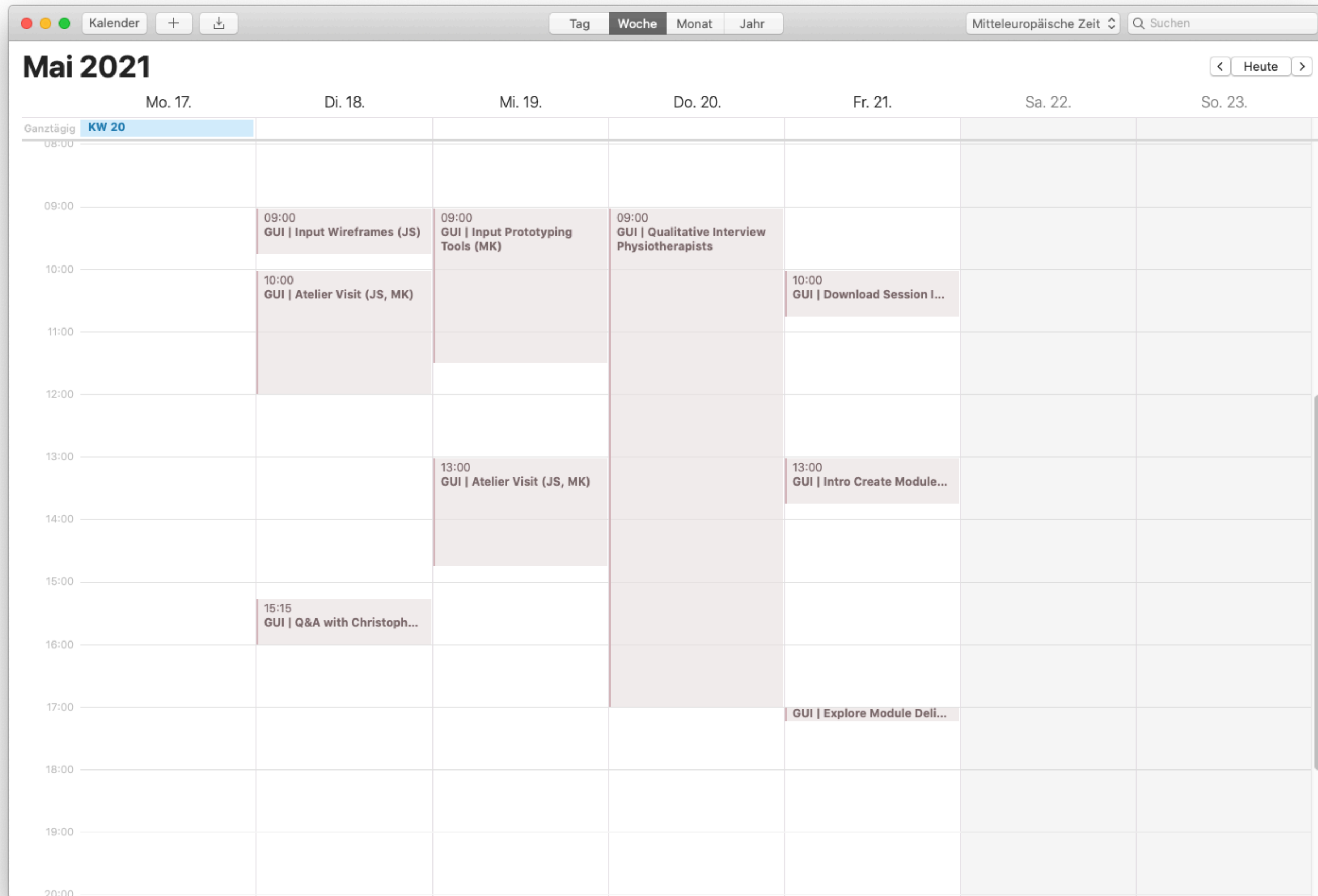






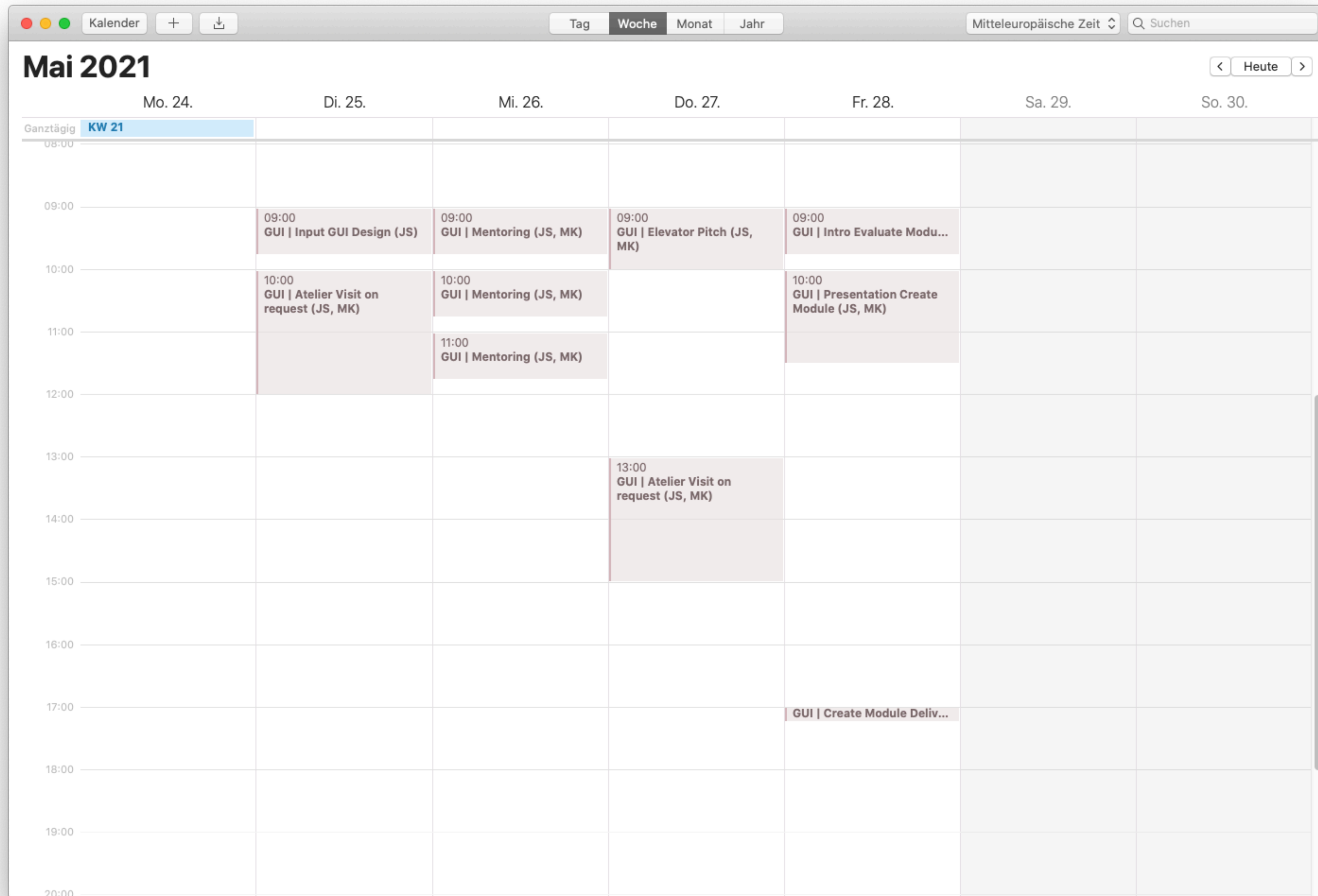


# Week 2



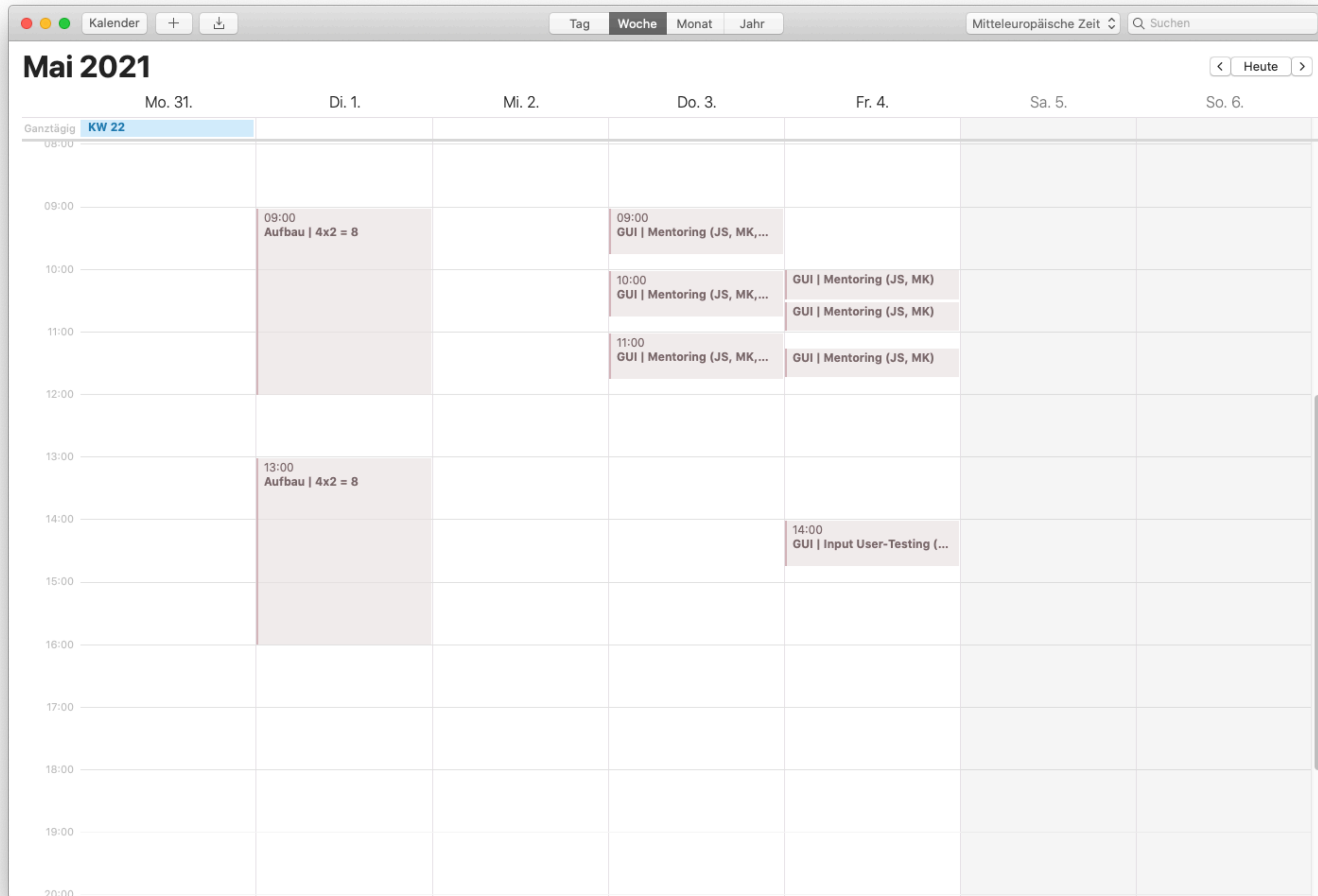


# Week 3



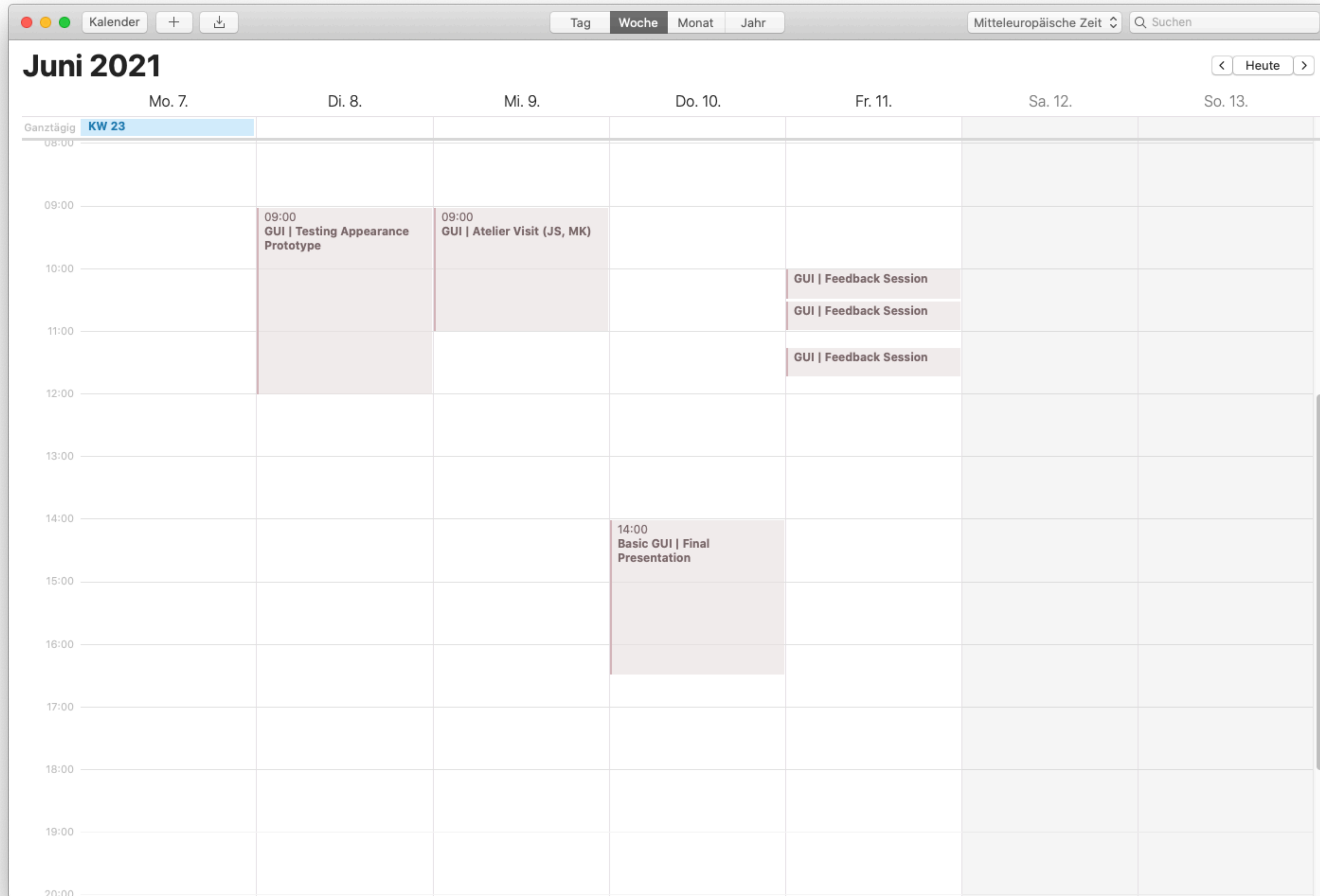


# Week 4





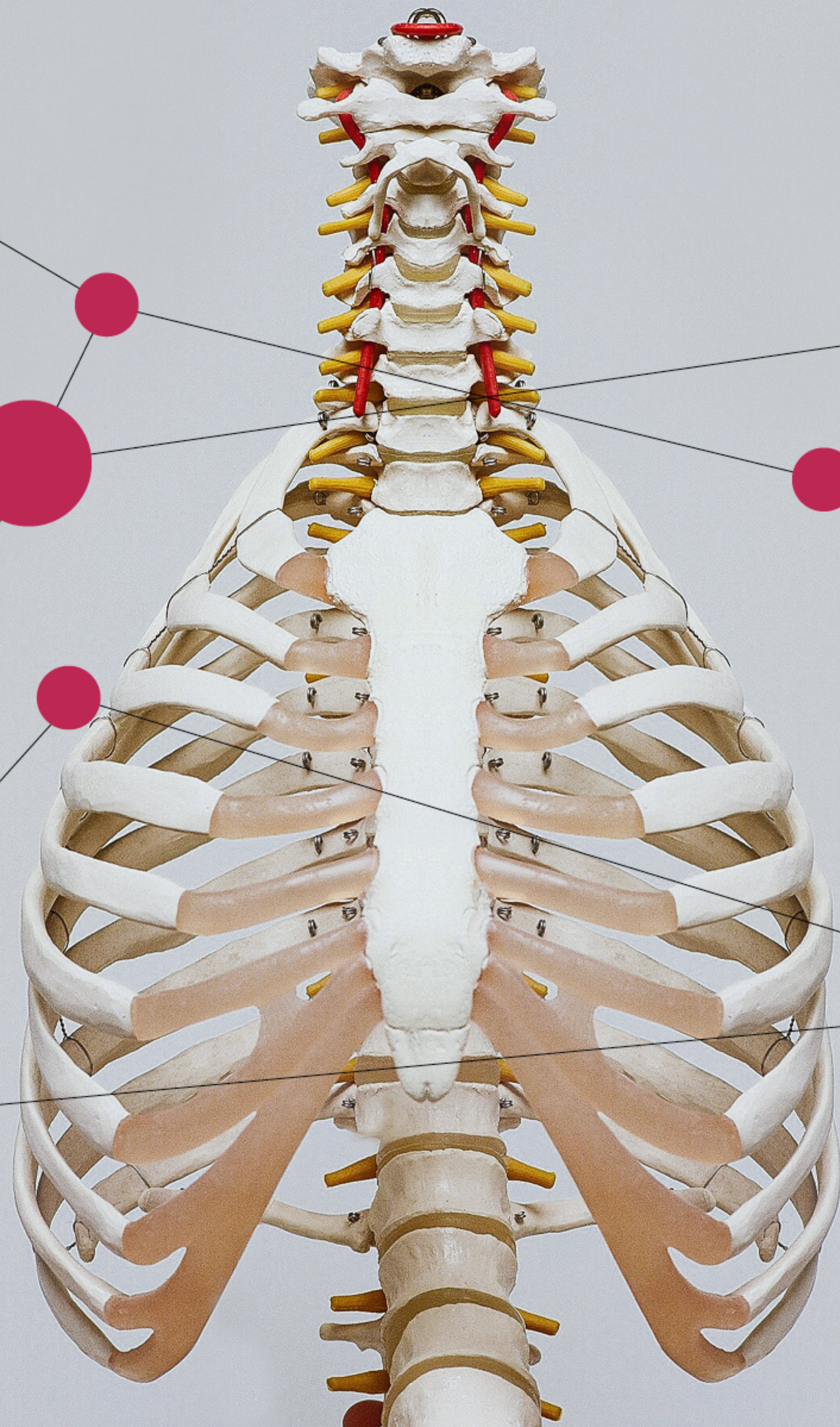
# Week 5





# Modalities and Deliverables

/





# Modalities

## / Groups

We work in three groups of 5 to 6 students.



# Modalities / Deliverables

Documentation; format: PDF

Video / Screencast; add the IAD intro and closing credits to your videos

Images (Screenshots & Usage Scenarios); approx. 10 representative images of the project

Text (project title, short description, project description)

Click-Dummy

It is specified on the wiki. Please observe the IAD documentation guidelines.

All deliverables have to be uploaded to the filer until Monday 14.06.2021 at 9 am.



# Modalities

## / Attendance

In the contact hours a minimum attendance of 80% is required to pass the module.

Contact hours: classes, kick-off, input session, mentoring, presentation



# Merci

/

