

«Human-Computer Interaction I»

Lab Session #3

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Agenda

LU #4 is online.

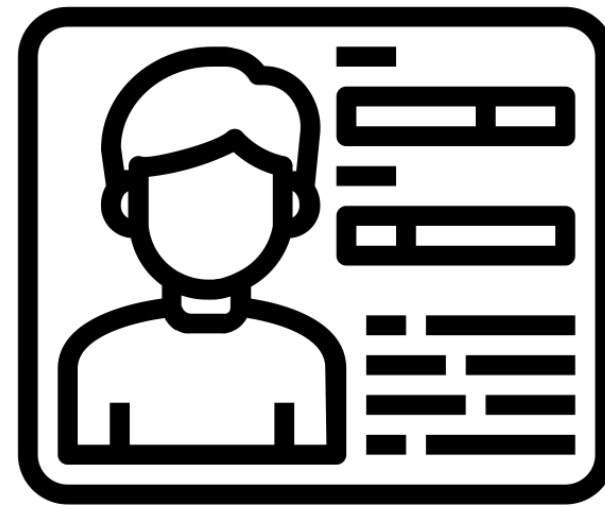
Assignment #3 is online.

Points for Assignment #1 are in WB.

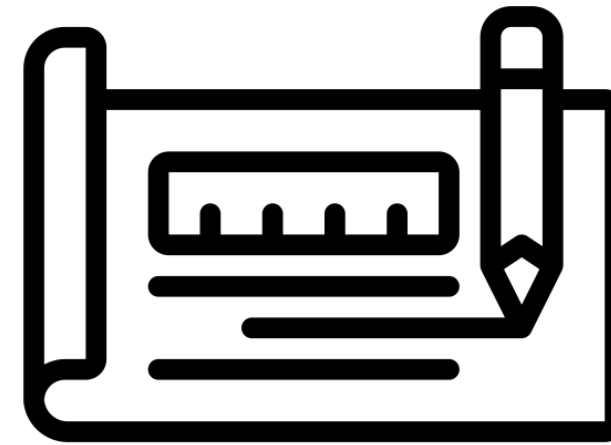
- _ Quiz LU#3
- _ INPUT + Hand:on → Affinity Diagramming
- _ Assignment #3
- _ Start working on Assignment #3

Quiz LU#3

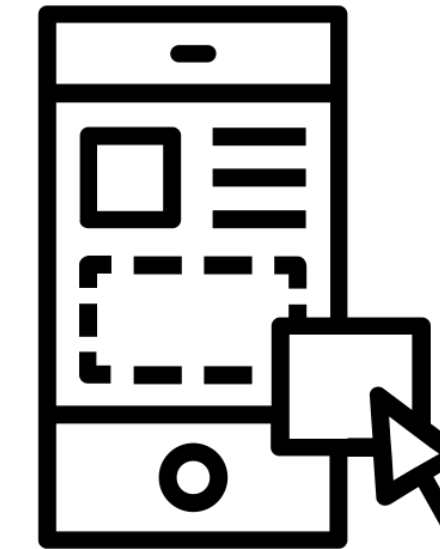
Timeline



Created by DailyPM
from Noun Project



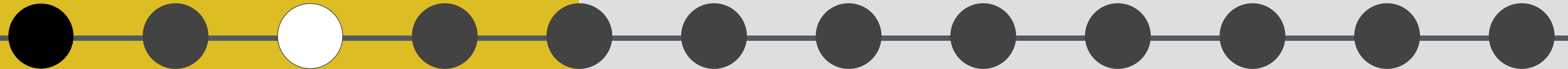
Created by Berkah Icon
from Noun Project



Created by Yu Luck
from Noun Project

Problem Space

Solution Space



Research Phase

Analysing and Understanding
the User, Context, and Tasks

Define Challenge

Low-Fi Phase

Conceptual Design
(interactive) "paper
prototype"

Hi-Fi Phase

Interactive Prototyping
Detailed Design
HTML OR interactive prototype

How was your data gathering?

- 1) Kurzes Update zum Projekt und zum Vorgehen
- 2) Austausch: Was lief sehr gut? Was war schwierig bzw. herausfordernd? Lösungsideen?

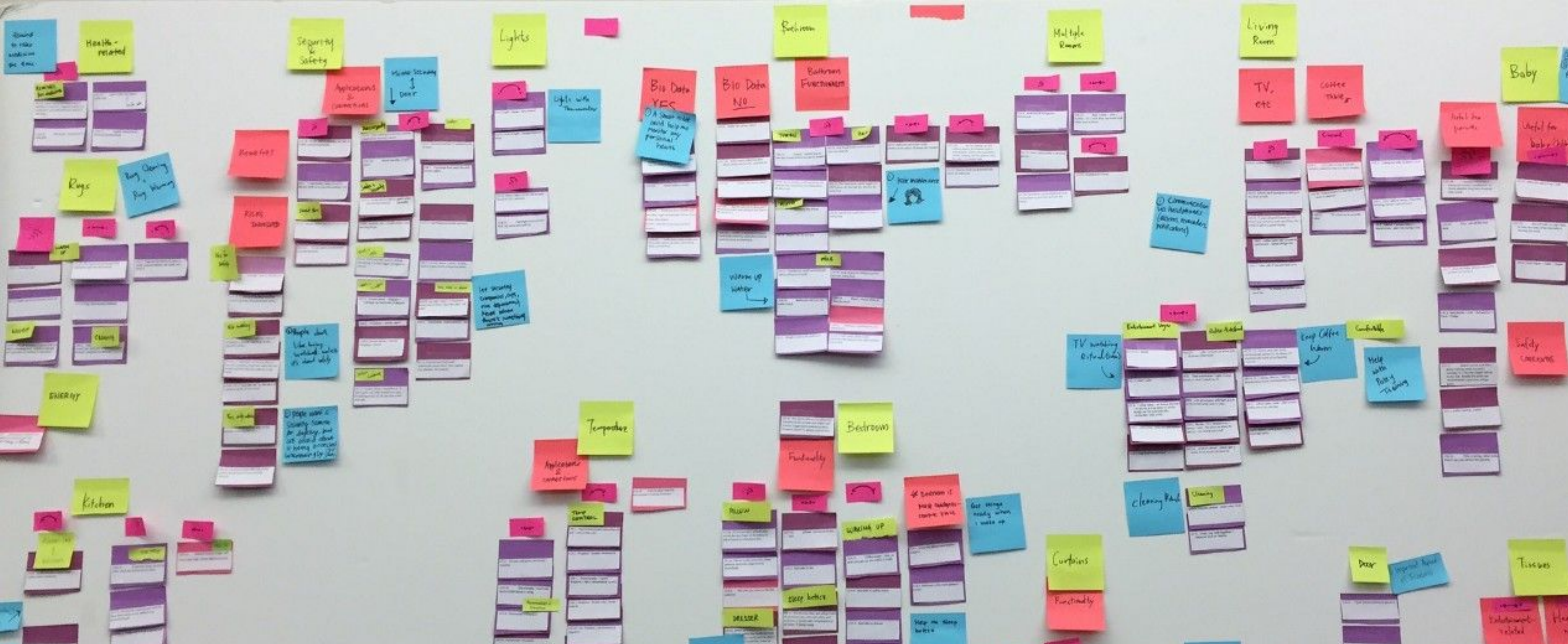
Affinity Diagramming

What is Affinity Diagramming?

A common technique for **exploring data, identifying themes,** and **looking for an overall narrative** is to create an affinity diagram.

The approach seeks to organize individual ideas and insights into a hierarchy **showing common structures and themes.**

Preece, Jenny, et al. Human-computer interaction. Addison-Wesley Longman Ltd., 1994. (323 p.)



Design Thinking Methods: Affinity Diagrams
<https://uxdict.io/design-thinking-methods-affinity-diagrams-357bd8671ad4>

What is the goal of Affinity Diagramming?

- _ **Distill** and **prioritize** findings from user research.
- _ The end goal is to synthesize data into **interesting findings** and **create insights** which will be useful to you in **creating design solutions**.
- _ Fosters a **shared understanding** of users.

Steps

- Step 1: **Share Data**

Put each information on a sticky note.

- Step 2: **Clustering**

Organize sticky notes into categories.

- Step 3: **Headlines**

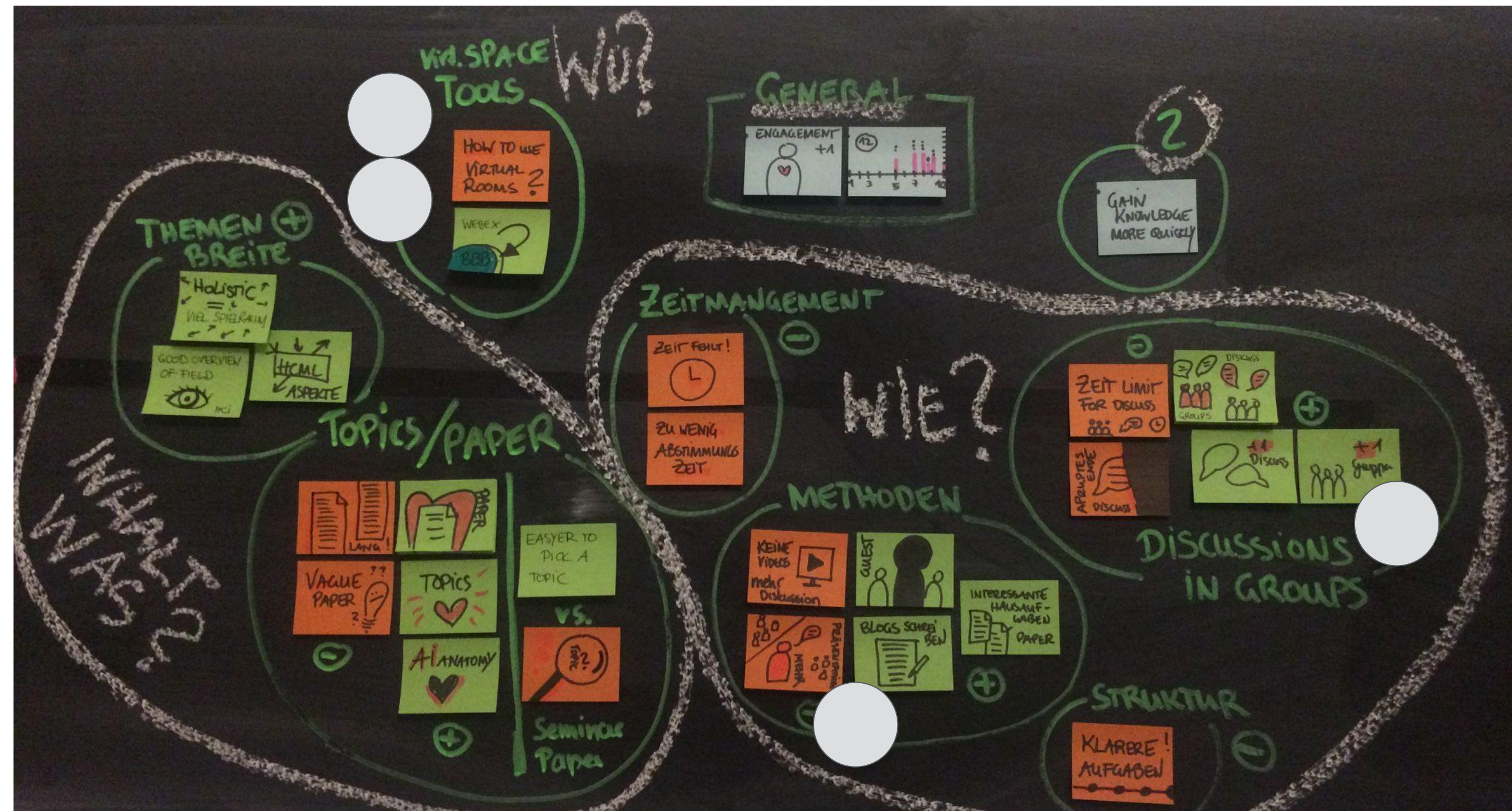
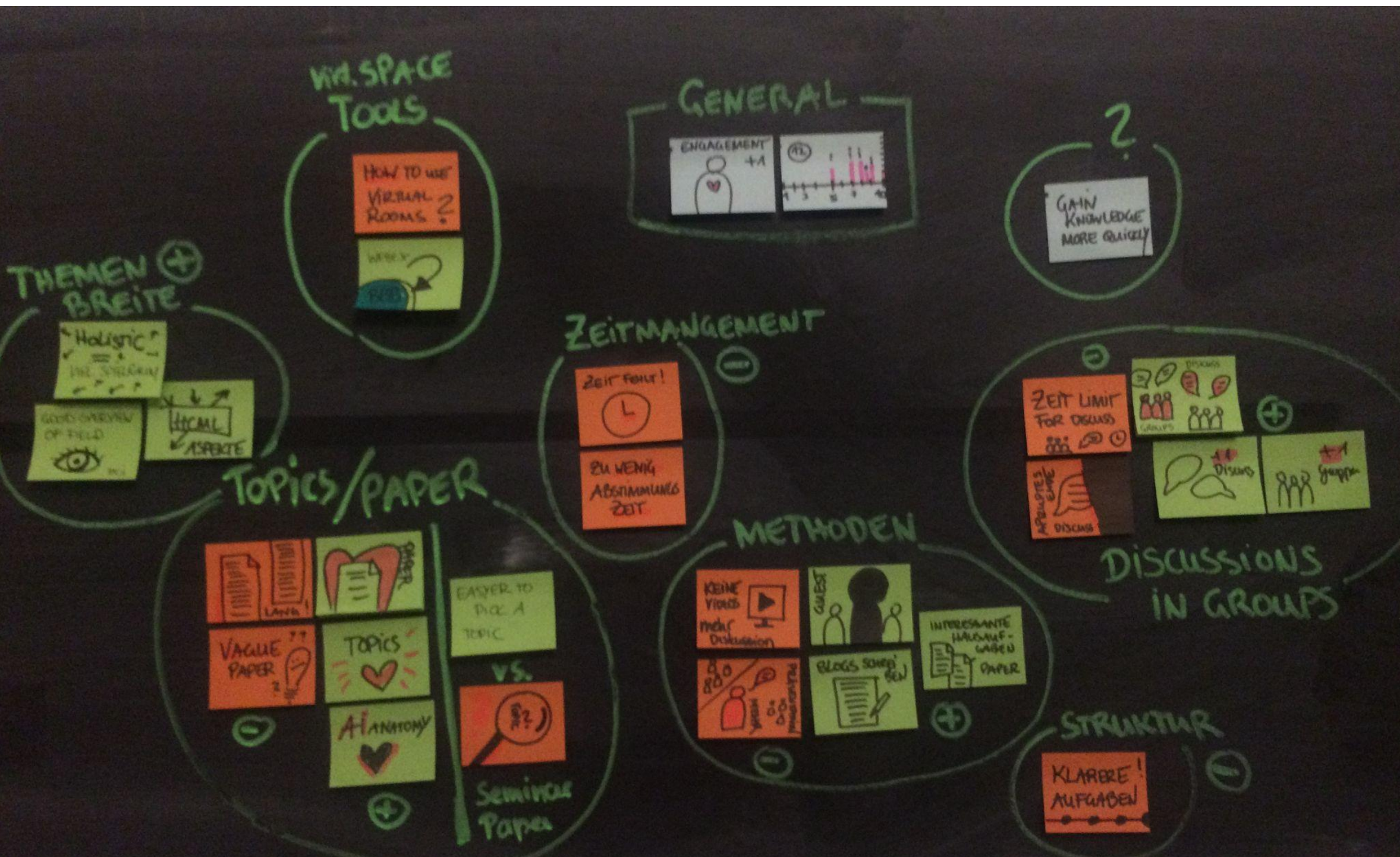
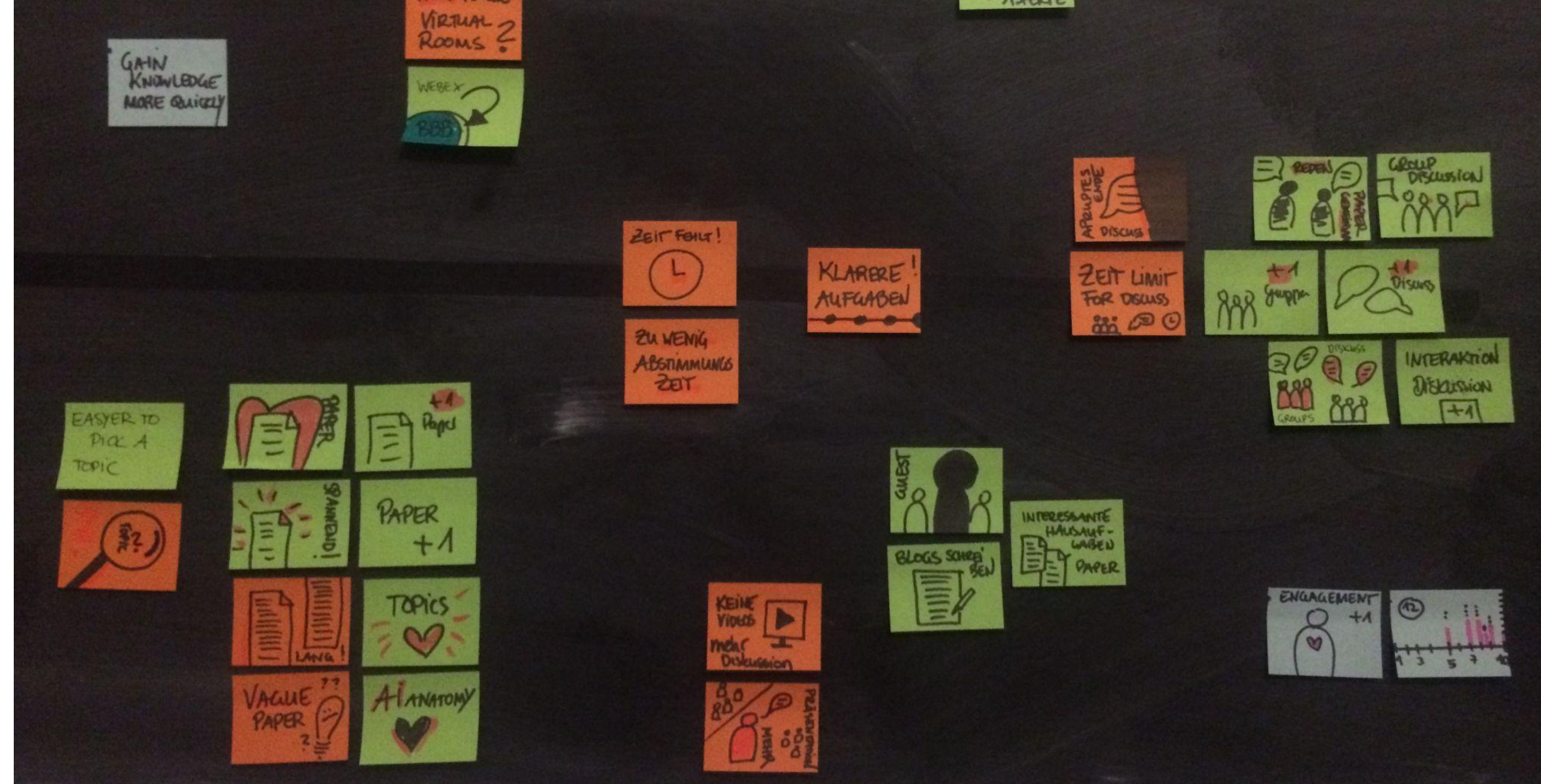
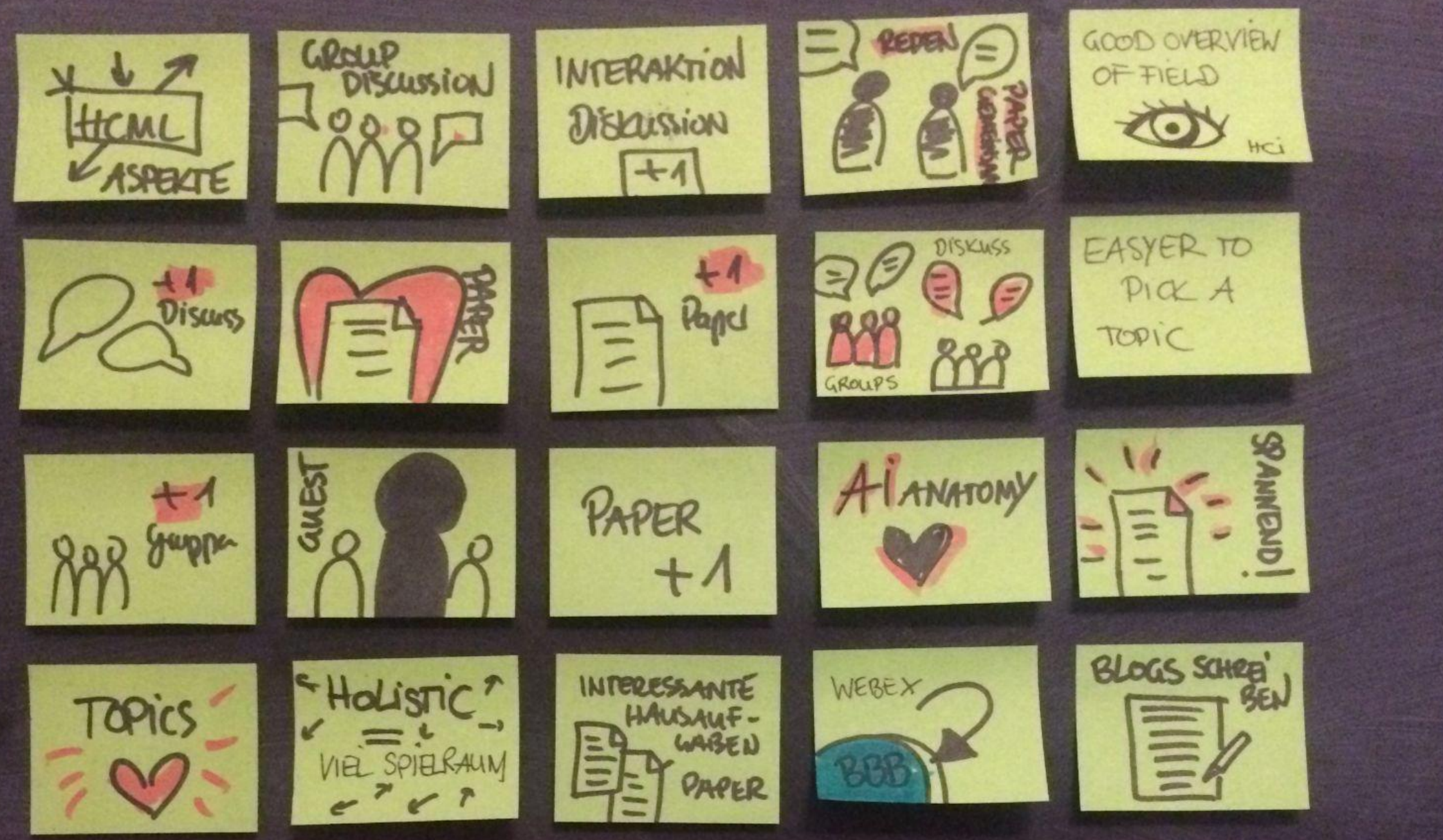
Give your cluster a name!

- Step 4: **Super Headers**

Can we combine clusters?

- Step 5: **Prioritize**

What do you think is most important in relation to your goals?



Hands:on - Affinity Diagramming

Task

Context: Survey answers. Seminar in Summer Term 2020. Feedback by students.

1. Use the (raw) survey data from the next slide.
2. Agree on a tool.
3. Create an affinity diagram. (See steps on slide 10.)
4. What is the most important “feature” of the seminar that needs improvement?

Raw Data - Umfrage bzw. Feedback

Good overview of the field. I found it useful, as i had no prior knowledge in the human-centered perspective. Would hardly be able to pick a research topic without this overview.

Ai anatomy war ein sau geiles paper.

Einführung in die funktionalität der virtuellen räume "ware nötig".

Viel gruppenarbeit, diskussion ist toll.

Die papers als hausaufgaben sind sehr interessant.

Endlich mal gemeinsam über paper reden.

Blogs schreiben.

Apruptes enden der diskussionen :(.

Die paper, die wir in den hausaufgaben gelesen haben waren sehr interessant.

Papers, groupwork and discussions.

Engaging group discussions.

Ich finde die paper auswahl richtig gut, und lese alles immer sehr gerne.

Gastvortraege sind spannend.

Interaktivitaet im kurs, diskussionen.

Paper sind teilweise sehr lang.

Etwas weniger gespräche in gruppen und mehr präsentationen aus dem seminarleiterin wären gut.

Zu viele verschiedene Tools.

Evtl. auch mal eine Sitzung ausfallen lassen und dafür in den Semesterferien erst die Hausarbeiten abgeben oder einen Vorbesprechungstermin anbieten.

Assignment #3

Questions?



Start working on A#3.