SySTEM 2020: Co-design meeting Facilitation guide

18-19 of March 2019

Aalto School of Arts, Design and Architecture Väre building, Otaniementie 14, Espoo Room F102 (access from the main lobby)



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SySTEM 2020 Co-design Meeting Agenda

DAY 1: Monday 18th of March

Time	Description	Attendees
08:00	Project Partners arrive	Project partners (21)
08:00 - 12:00	Consortium Meeting (Part I)	Project partners (21)
12:00 – 13:00	Lunch at Fazer cabinet (A bloc)	Project partners (21)
13:00 – 17:00	Co-design workshop (part I)	Project partners, third parties, learners,
		stakeholders (57)
18:30	Dinner at Metso restaurant (Dipoli)	Project partners, third parties, learners,
		stakeholders (55)



DAY 2: Tuesday 19th of March

Time	Description	Attendees
09:00 - 12:30	Co-design workshop (part II)	Project partners, third parties, learners,
		stakeholders (57)
12:30 – 14:00	Final presentations of co-design workshop work + wrap up.	Project partners, third parties, learners,
	Quick-lunch served in F102 room.	stakeholders, external invitations ()
14:00 – 16:00	Consortium Meeting (Part II)	Project partners (21)



Co-design Workshop Activities

DAY 1: Monday 18th of March

Start time	Activity	Duration		
13:00	Welcome & general introduction	10 min.		
13:10	Presentation of SySTEM 2020 map (WAAG)	15 min. (10+5)		
13:25	Icebreaker: name game with the catchbox	15 min.		
13:40	Picking badges and groups formation	10 min.		
13:50	Icebreaker: filling another one badge and introducing each other	15 min. (3+12)		
14:05	Task 1: Building a conceptual map	25 min.		
14:30 Sharing and merging conceptual maps 20 min.				
14:50 Coffee break 15 min.				
15:00 Task 2: Identifying challenges and opportunities 40 min. (15+25)				
15:40	15:40 Sharing and merging challenges and opportunities 20 min.			
16:00 Prioritization of unified opportunities 10 min.				



16:10	Averaging prioritization scores	15 min.	
16:25 Presenting challenges and prioritized opportunities 30 min.			
17:00 Thanking and informing about dinner practicalities			
18:15	Meeting at Aalto metro station to go to Dipoli	10 min. walk	



13:00- Welcome & general introduction

Duration: 10 min.

Group size: Big group (57 people)

Materials: slides, designit

Description: Introducing Aalto team and presenting the co-design workshop structure and agenda for the day. Providing information about communication tools (designit)

13:10- Presentation of SySTEM 2020 map

Duration: 15 min. (10 min. presentation, 5 min. for Q&A)

Group size: Big group (57 people)

Materials: slides

Description: Waag coordinator presents the online map that partners

and third parties are expected to provide input.





13:25- Icebreaker: name game with the catchbox

Duration: 15 min.

Group size: Big group (57 people)

Materials: Catchbox microphone

Description: The person who gets the catchbox says his/her name and the institution they are related to. After self-introducing the person throws the catchbox to another one. This goes on until everyone has self-introduced.



13:40- Picking badges and groups formation

Duration: 10 min.

Group size: Big group (57 people)

Materials: Badges

Description: Badges will be distributed in 3 groups according to the theme indicated in each badge (inclusion, engagement, and assessment and recognition). Participants can freely pick the badge they want.





13:50- Icebreaker: filling another one badge and introducing each other

Duration: 15 min. (3 min. for filling and 12 for introductions)

Group size: 18-17 people (1 group per theme)

Materials: Badges, pens

Description: In pairs, participants fill each other's badge. After this, each participant introduces

the person s/he has filled the badge for to the rest of the group (theme group)



14:05- Task 1: Building a conceptual map

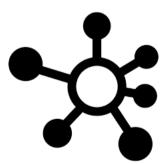
Duration: 25 min.

Group size: 8-9 people (2 subgroups per theme group).

Group formation: In each set of theme badges there will be 2 different robot icons. Participants will be asked to group with those who have the same theme and robot icon in their badges.

Materials: craft paper (big roll), post-its, markers. Themes background slides projected as background information.

Description: Participants are asked to build a conceptual map about their group theme (inclusion, engagement, and assessment and recognition). They have freedom about what elements to include and how to do it (they can write concepts, but also draw). The purpose of this activity is to open a conversation inside the group of how they understand a specific theme.





14:30- Sharing and merging the conceptual maps

Duration: 20 min. (5 min. presentation/subgroup + 10 min)

Group size: 18-17 people (theme group).

Roles: specify one spokesperson per subgroup. Ask people to document work and upload it to designit.

Materials: craft paper (big roll), post-its, markers

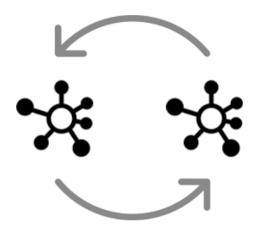
Description: 1 spokesperson from each subgroup presents the map. After the presentations, participants look for common aspects and differences and generate 1 conceptual map (they can modify one of the c-maps created by one of the subgroups)



Duration: 10 min. (

Group size: 57 people (big group).

Description: free time to chat around and check others groups' work.







15:00- Task 2: Identifying challenges and opportunities

Duration: 40 min. (15 min. for brainstorming + 25 min. for clustering)

Group size: 8-9 people (2 subgroups per theme group).

Materials: How Might We triggers, proto-personas, craft paper (big roll), post-its, markers.

Description: The working space (whiteboard or paper on the wall) is divided in 2 areas: one for identifying challenges and another one for the opportunities. Different color post-its can be used to identify challenges and opportunities. Participants start by brainstorming. After this, they are asked to review all post-it notes and organize them (grouping similar concepts, stablishing hierarchy relations...)







15:40- Sharing and merging challenges and opportunities

Duration: 20 min. (5 min. presentation/subgroup + 10 min)

Group size: 18-17 people (theme group).

Roles: specify one spokesperson per subgroup. Ask people to document

work and upload it to designit.

Materials: craft paper (big roll), post-its, markers.

Description: 1 spokesperson from each subgroup presents the challenges and opportunities. After the presentations, participants look for common aspects and differences and generate 1 map of challenges and opportunities.





16:00- Prioritization of unified opportunities

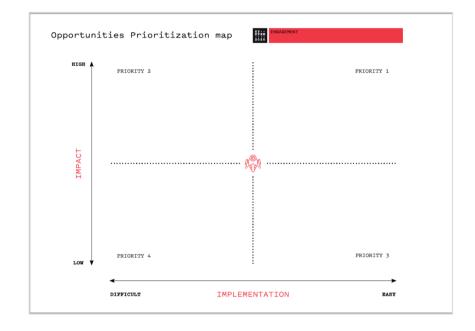
Duration: 10 min.

Group size: individual activity (18-17 people of the theme

group).

Materials: Opportunities prioritization map, pens.

Description: each member of a theme group assigns a priority level to the opportunities identified for a specific theme.





16:10- Averaging prioritization scores and preparing presentation

Duration: 15 min.

Group size: 18-17 people (theme group).

Materials: Prioritization of opportunities canvas, slides (template)

Description: Averaging the individual scores given to each opportunity in order to define the theme group priority list of opportunities. Filling the slide template to share the theme group challenges and opportunities with the other groups.



16:25- Presenting challenges and prioritized opportunities

Duration: 30 min. (10 min./group)

Group size: Big group (57 people)

Materials: slides (filled)

Description: A spokesperson from each theme group presents the challenges and opportunities they have identified around a specific theme.





17:00 - Thanking and informing about dinner practicalities
Dinner at 18:30 at Metso restaurant (Dipoli building, Otakaari 24)
Possibility to meet at Aalto metro station to go to Dipoli at 18:15



DAY 2: Tuesday 19th of March

Start time	Activity	Duration			
09:00	5 min.				
09:05 Selection of opportunities 10 min.					
09:15	09:15 Task 3: Ideation 2 h. 15 min.				
11:30 Giving feedback to the design solutions 30 min.					
12:00 Iterating the design solutions 30 min.					
12:00	Preparing final presentation 30 min.				
12:30	2:30 Co-design workshop closure: Sharing work and discussing 1 h. 30 min. solutions				
14:00 Thanking and farewell to learners, stakeholders and third parties					



09:00- Welcome and program for the day

Duration: 5 min.

Group size: Big group (57 people)

Materials: slides (program of the day), goals and expected outputs.

09:05-Selection of opportunities

Duration: 10 min.

Group size: 18-17 people (theme group).

Group formation: Participants indicate the opportunity they are interested to explore by writing their name on the paper with the opportunity name. Each theme group subdivides in 4 subgroups of 4-5 people each.

Materials: Prioritization of opportunities canvas (filled), A4 with 4 highest priority opportunities

Description: Each of the 4 highest priority opportunities identified during the previous day is written in a paper. Hang these papers on the wall and ask participants to add their name in the opportunity they are interested to further explore. Balance the number of people in the subgroups.

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		Number o	of votes		Priority
pportunity	PRIORITY 1	S VIINIIPE	FRIORITY 5	PRIORITY	level
ENGAGEMENT					



09:15-Task 3: Ideation

Duration: 2 h. 15 min. (8 min. + 30 min. +

Group size: 4-5 people (theme subgroup).

Materials: design solution canvas, papers, pens, color dot stickers

Description: Start with a warm up creativity technique called Crazy

Eights. Participants fold a piece of paper in 8 parts and

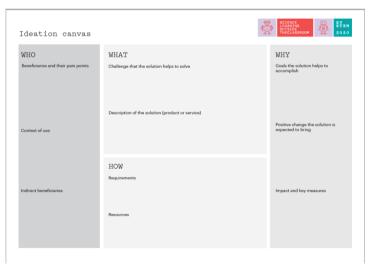
sketch eight distinct ideas around a specific opportunity in eight minutes.

Hang each person's Crazy Eights in the wall and share the ideas. Each person presents her/his ideas in 5 min. (30 min.)

Each subgroup member votes the 3 most interesting ideas by marking them with the color sticker dots (5 min.)

The ideas most voted are used to define a design solution. Facilitators give the design solution canvas to each of the subgroups. The subgroups are asked to elaborate their solutions based on the information requested in the canvas.







11:30- Giving feedback to the design solutions

Duration: 30 min.

Group size: 4-5 people (theme subgroup).

Materials: assessing the design solutions guidelines, post-its, pens

Description: Each subgroup gives its design solution to another subgroup (same theme). The subgroup assessing another one design solution uses the assessing the design solutions guidelines to guide their analysis. They provide feedback by sticking post-its' in the design solution canvas.

12:00- Iterating the design solutions

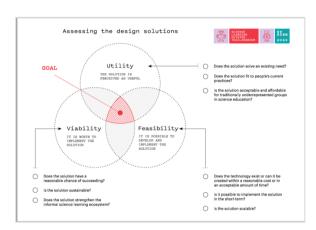
Duration: 30 min.

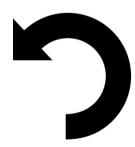
Group size: 3-4 people* (theme subgroup).

Subgroups: 1 member from each of the 4 theme subgroups joins a separate group to prepare a summary presentation of the work performed under the same theme.

Materials: slides

Description: Subgroups iterate their design solutions based on the feedback provided by another group.







12:00- Preparing final presentation

Duration: 30 min.

Group size: 4 people* (theme subgroup).

Subgroups: Members of this group come from the different

subgroups (of the same theme).

Materials: slides (template)

Description: Preparation of a presentation that summarizes the work performed about a specific theme. The iterated versions of the design solutions are included in the final presentation.



12:30 - Co-design workshop closure: Sharing work and discussing solutions

Duration: 1 h. 30 min. (20 min. + 10 min. Q&A/ per group)

Group size: Big group (57 people)

Materials: summary slides (created by each of the theme groups)

Description: One spokesperson from each theme presents a summary of the design solutions generated around a specific theme.

