

PREPARATION ON THE DAY

Facilitator		Technical support	
Facilitator @ CircularWSD	Facilitator @ FlatWSD	Tech support @ CircWSD	Tech support @ FlatWSD
<ul style="list-style-type: none"> - Verify battery level for the tablets (charge if needed) - Verify tablets are connected to appropriate Wifi - Prepare QR codes (Intermediary/Final), role cards, information sheets, consent forms, planning, protocol 		<p>CircularWSD:</p> <ul style="list-style-type: none"> - Connect both Kinects (including the one in the back) to a power source - Switch on the tracking PC and log in to the PC (a command prompt should be launched automatically) 	<p>FlatWSD:</p> <ul style="list-style-type: none"> - Connect both Kinects to the laptop, connect the USB-A Kinect to a power plug
		<ul style="list-style-type: none"> - Verify tracking PC is connected to appropriate Wifi - Test tracking (calibration check) - Turn on the OBS computer and display; check whether the feedback view changes correctly - If needed, run the OBS script - Check video feed 	

JUST BEFORE EACH SESSION

Facilitator		Technical support	
Facilitator @ CircularWSD	Facilitator @ FlatWSD	Tech support @ CircWSD	Tech support @ FlatWSD
<ul style="list-style-type: none"> - Verify touch input is working on the screens If not, with the tablet: Dashboard > TOUCH OFF then TOUCH ON - Verify deborah is running in full screen If not, with the tablet: Dashboard > DESKTOP then DEBORAH - Check that List of attendees is empty - delete opened tabs on tablets 			<p>FlatWSD:</p> <ul style="list-style-type: none"> - Set experiment id (=date) and study id (=session) on <hidden url> according to the planning - Restart the experiment scenario on the tablet
<p>CircularWSD: switch on the lights to the maximum level</p>	<p>FlatWSD: move the chairs to the back/side</p>		

START (COMMON TO BOTH CONDITIONS)

Facilitator		Technical support	
Facilitator @ CircularWSD	Facilitator @ FlatWSD	Tech support @ CircWSD	Tech support @ FlatWSD
		- When ready on both sides, mute audio	
<p>- After audio has been muted:</p> <ul style="list-style-type: none"> o <hidden name> project, 2 multi-display setups like this one o To collaborate, awareness cues o Study your usage of cues o Record data (cameras, microphones, questionnaire answers, logs about your interactions with the system, including gestures and gaze position) o Pseudonymized o Please speak English o Role card o Information on the back, but keep it for yourself until needed, indicated by task number o Sign consent form, you may take the first page with you when you leave <p>→ Make sure they sign the consent form</p>			
<p>- Go to the experiment zone and explain the context</p> <ul style="list-style-type: none"> o July 2024, COVID wave, stock of protective equipment o 1) Estimate COVID numbers, using sliders that will update other screens o 2) Identify most problematic equipment o 3) Choose best offer o 4) Choose delivery method o Can move video feed with buttons o Task screen will guide, give tasks o Gather information from the news or cards o Press next to validate, values can still be modified afterwards o There is a best option, use the information on your cards <p>→ Wait for them to read the cards</p>			

IF VERSION CUES FIRST

Facilitator		Technical support			
Facilitator @ CircWSD	Facilitator @ FlatWSD	Tech support @ CircWSD	Tech support @ FlatWSD		
		<ul style="list-style-type: none"> - Unmute audio - OBS > start recording 	FlatWSD: <ul style="list-style-type: none"> - Tablet > RECOG ON, then PSI ON (white LED on the Kinect should turn on) 		
<ul style="list-style-type: none"> - When audio is unmuted, OBS is recording, and recog/psi are started: 	CircularWSD: Shows but does not speak <table border="0" style="display: inline-table; vertical-align: middle;"> <tr> <td style="border-right: 1px solid black; padding-right: 10px;"> FlatWSD: Speaks and shows </td> <td> </td> </tr> </table>	FlatWSD: Speaks and shows			<ul style="list-style-type: none"> - Verify white LED stays on
FlatWSD: Speaks and shows					
<ul style="list-style-type: none"> o Awareness cues (your room and the other room) o (show attendees) who + the setup o (show video feed) attendees here as well o (do the gestures) thumbs up/down, raise hand o (show gaze cues) which screen o (show pointing cues) where pointing o (touch a screen) when touching screen (where/who) o Test 2 minutes <p>→ Wait for them to try the cues</p>					
<ul style="list-style-type: none"> - When ready on both sides: 	<ul style="list-style-type: none"> o Will leave, first two tasks o First introduce role to others o Not private information yet 		FlatWSD: <ul style="list-style-type: none"> - When ready on both sides, Tablet > PSI OFF 		
<ul style="list-style-type: none"> - Actually leave the experiment area - Prepare Intermediary QR code <p>→ The group fulfils tasks 1 and 2</p>			When facilitator has left the area: Tablet > PSI ON (white LED on the Kinect should turn on)		
		<ul style="list-style-type: none"> - When done, mute audio - OBS > stop recording 			
<ul style="list-style-type: none"> - When done and muted: - Ask them to grab any tablet, launch the camera application to scan the Intermediary QR code and open the questionnaire 	<ul style="list-style-type: none"> o "Your session id is XXXXC" o "Note that there will be questions with a scale from 0 to 20; know that the two ends of the scale might not be intuitive to you, so please read the sentences carefully and pay attention to the labels." 		FlatWSD: <ul style="list-style-type: none"> - Tablet > PSI OFF and RECOG OFF - Change the study id (=session) from XXXXC to XXXXN on the page (<hidden url>) 		
<ul style="list-style-type: none"> - When done on both sides and unmuted/recording: - Go back to the experiment area: 			<ul style="list-style-type: none"> - When done on both sides, unmute audio - OBS > start recording 		
<ul style="list-style-type: none"> o Last 2 tasks, without cues 	<ul style="list-style-type: none"> - Prepare both QR codes <p>→ The group fulfils tasks 3 and 4</p>		FlatWSD: <ul style="list-style-type: none"> - Tablet > next step 		

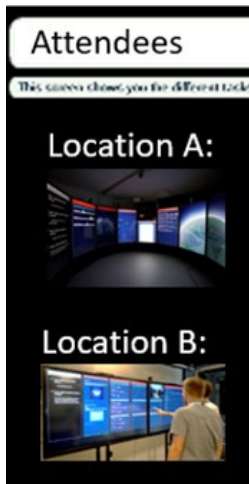
Facilitator		Technical support	
Facilitator @ CircularWSD	Facilitator @ FlatWSD	Tech support @ CircWSD	Tech support @ FlatWSD
<ul style="list-style-type: none"> - When done and muted: - Ask them to grab any tablet, launch the camera application to scan the Intermediary QR code and open the questionnaire o <i>"Your session id is XXXXN"</i> - Prepare the list of cues for the debriefing - When done, ask them to scan the Final QR code and open the questionnaire (session id = XXXX) 		<ul style="list-style-type: none"> - When done, mute audio - OBS > stop recording 	
<ul style="list-style-type: none"> - When done, start recording audio with laptop/smartphone close to the participants o <i>"In your opinion, was it better with or without the cues?"</i> o <i>"Why?"</i> o <i>"What cues did you use?"</i> o Go through the list of cues and, for each one, ask: <i>"do you have any comments on this cue?"</i> 			
<ul style="list-style-type: none"> - Then, stop the audio recording 			

IF VERSION WITHOUT CUES FIRST

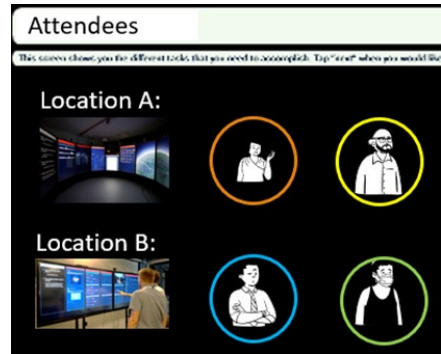
Facilitator		Technical support	
Facilitator @ CircularWSD	Facilitator @ FlatWSD	Tech support @ CircWSD	Tech support @ FlatWSD
		<ul style="list-style-type: none"> - Unmute audio - OBS > start recording 	
<ul style="list-style-type: none"> - When audio is unmuted and OBS is recording: <ul style="list-style-type: none"> o Will leave, first two tasks o First introduce role to others o Not private information yet - Actually leave the experiment area - Prepare Intermediary QR code → The group fulfils tasks 1 and 2 			
		<ul style="list-style-type: none"> - When done, mute audio - OBS > stop recording 	
<ul style="list-style-type: none"> - When done and muted: - Ask them to grab any tablet, launch the camera application to scan the Intermediary QR code and open the questionnaire o "Your session id is XXXXN" o "Note that there will be questions with a scale from 0 to 20; know that the two ends of the scale might not be intuitive to you, so please read the sentences carefully and pay attention to the labels." 		FlatWSD: <ul style="list-style-type: none"> - Tablet > PSI OFF and RECOG OFF - Change the study id (=session) from XXXXN to XXXXC on the page (<hidden url>) 	
<ul style="list-style-type: none"> - When done on both sides and unmuted/recording: - Go back to the experiment area: <ul style="list-style-type: none"> o Last 2 tasks, with cues <p>CircularWSD: Shows but does not speak</p> <p>FlatWSD: Speaks and shows</p> <ul style="list-style-type: none"> o Awareness cues (your room and the other room) o (show attendees) who + the setup o (show video feed) attendees here as well o (do the gestures) thumbs up/down, raise hand o (show gaze cues) which screen o (show pointing cues) where pointing o (touch a screen) when touching screen (where/who) o Test 2 minutes → Wait for them to try the cues 		<ul style="list-style-type: none"> - When done on both sides, unmute audio - OBS > start recording FlatWSD: <ul style="list-style-type: none"> - Tablet > RECOG ON, then PSI ON (white LED on the Kinect should turn on) <ul style="list-style-type: none"> - Verify white LED stays on 	

Facilitator		Technical support	
Facilitator @ CircWSD	Facilitator @ FlatWSD	Tech support @ CircularWSD	Tech support @ FlatWSD
<ul style="list-style-type: none"> - When ready on both sides: <ul style="list-style-type: none"> ○ Will leave, last 2 tasks - Actually leave the experiment area 			FlatWSD: <ul style="list-style-type: none"> - When ready on both sides, Tablet > PSI OFF - When facilitator has left the area: <ul style="list-style-type: none"> Tablet > PSI ON (white LED on the Kinect should turn on)
<ul style="list-style-type: none"> - Prepare both QR code → The group fulfils tasks 3 and 4 		<ul style="list-style-type: none"> - When done, mute audio - OBS > stop recording 	
<ul style="list-style-type: none"> - When done and muted: - Ask them to grab any tablet, launch the camera application to scan the Intermediary QR code and open the questionnaire <ul style="list-style-type: none"> ○ "Your session id is XXXXC" - Prepare the list of cues for the final questionnaire - When done, ask them to scan the Final QR code and open the questionnaire (session id = XXXX) 			FlatWSD: <ul style="list-style-type: none"> - Tablet > PSI OFF and RECOG OFF
<ul style="list-style-type: none"> - When done, start recording audio with laptop/smartphone close to the participants <ul style="list-style-type: none"> ○ "In your opinion, was it better with or without the cues?" ○ "Why?" ○ "What cues did you use?" ○ Go through the list of cues and, for each one, ask: "do you have any comments on this cue?" - Then, stop the audio recording 			

1- Image of the sites taking part in the session and configuration of their screens



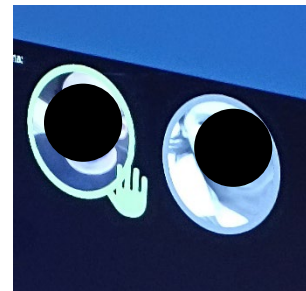
2- List of participants and breakdown by site



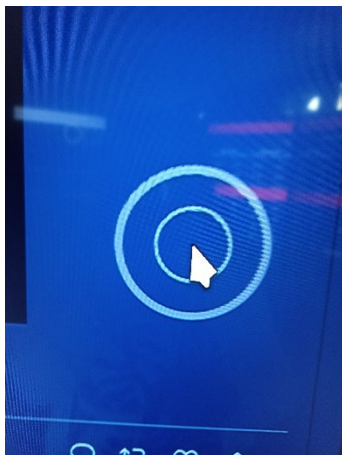
3- Agreement/disagreement gestures, and who made them



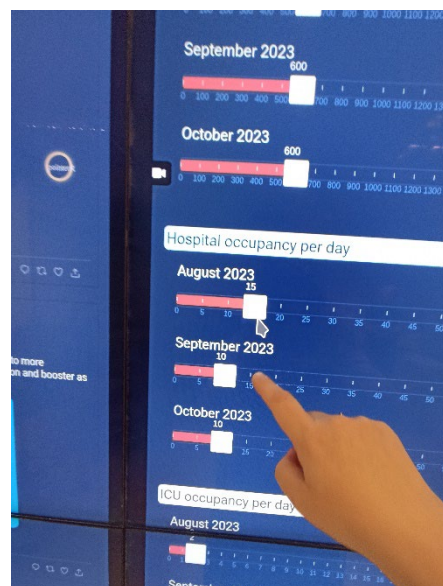
4- Request to speak gesture and who made it



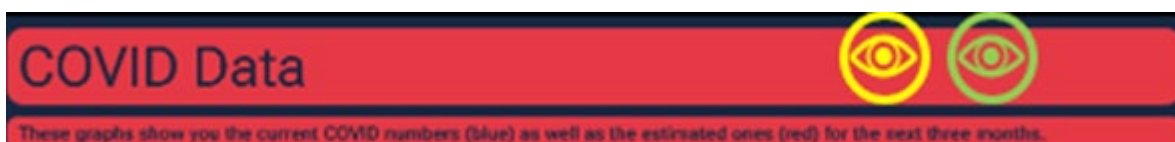
5- Touch gesture and who made it



6- Pointing gesture and who made it



7- Gaze direction and who was looking there



1 - Head of ICU

- Task 1: My colleagues in Belgium confirmed that the **EU COVID-19 projections are very accurate**. And, from my knowledge, I know that with such a peak, **10 ICU patients per day** is the minimum that we can expect.
- Task 3: To best protect my team and patients, I would like the missing PPE **delivered within the next 8 days**

2 – Head of finance

- Task 3: In case there are several options, I only accept the offer with the **lowest price**.
- Task 4: The news mention several missile launches over the **Sea of Japan** by North Korea. We should avoid transport through this area.

3 – Head of logistics

- Task 3: Despite the high trust factor, I read in the newspaper that the company **Cheap stuff** has some financial difficulties, so it is not trustable anymore
- Task 4: Based on my experience, I know that deliveries through **France** are often delayed.

4 – CEO of hospital

- Task 2: Based on a discussion with the Ministry of Health, I know that the government has built up a stock of a million **FFP2 masks**, and that every hospital will **receive 100K next month**.
- Task 3: I do **not** accept to work with companies with a **trust factor lower than 70**.