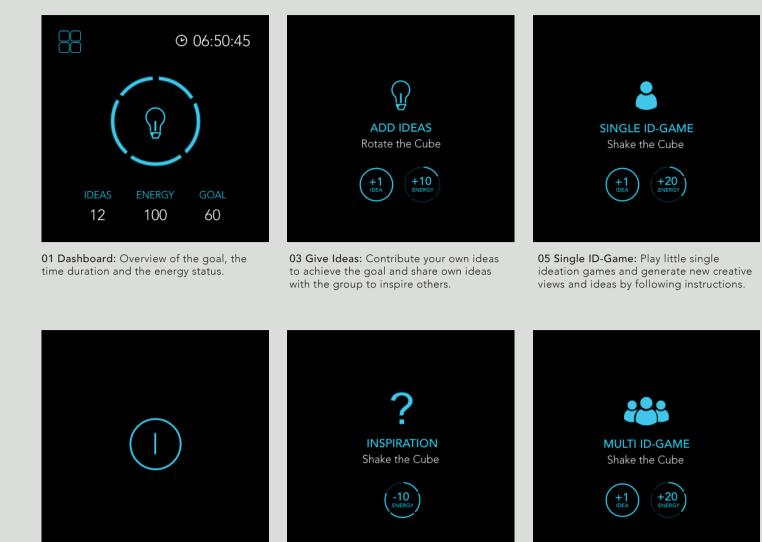


TIC THE IDEATION CUBE

A new way to generate many creative ideas in a distributed interdisciplinary team.

Main Screens Overview



02 Standby: Turn the cube on this side to set 04 Get Ideas: Take a look at the ideas from 06 Multi ID-Game: Connect with other Cube your status in a standby or inactive mode. the group to get some inspiration.

03 Give ideas

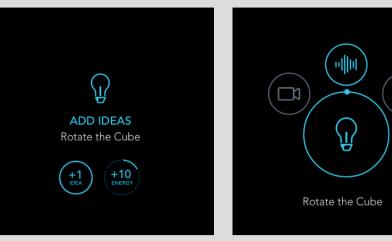
select an action.

the action.

the action.

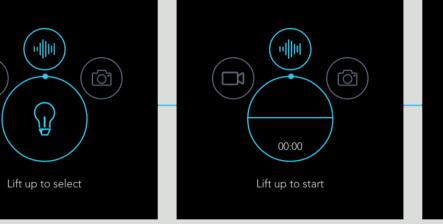
the action.

Audio input: Lift the cube up to confirm



Rotate the Cube Give ideas: Rotate the cube to activate and Give ideas: Audio input.

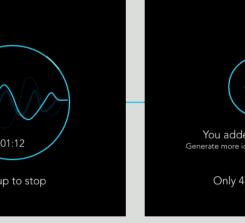
Give ideas: Video input.



Audio input: Lift the cube up to start the audio record. Audio input: Audio record starts.

Lift up to stop

Rotate the Cube



You added a new idea!

Audio input: Successfully added a new ideaAudio input: Gained +10 energy for addinginto the cube to save and share it with othera new idea. team members.

Record your ideas

• 00:00:05

Make a video

00:05

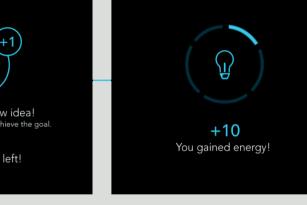
whole alphabet...."

the video.

Rotate the Cube

Give ideas: Photo input.

Only 47 ideas left! Audio input: Lift the cube up to stop the audio record.





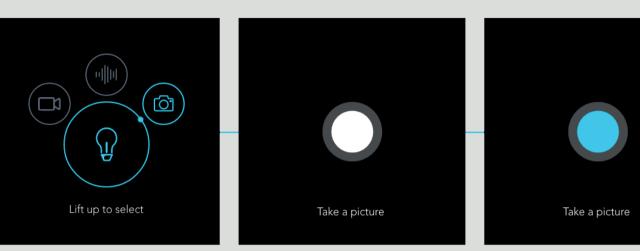
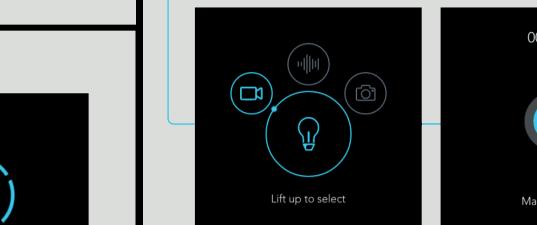


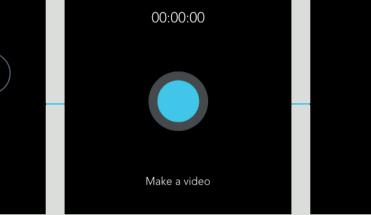
Photo input: Lift the cube up to confirm Photo input: Cube opens automatically Photo input: Press the button to take a to show the camera. Picture taking button picture. appears on the screen.

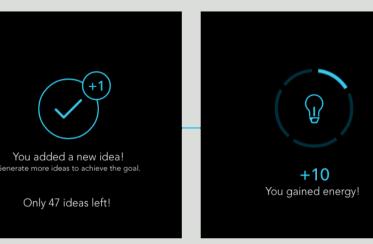
You added a new idea! Generate more ideas to achieve the goal. +10 You gained energy! Only 47 ideas left!

team members.

Photo input: Successfully added a new ideaPhoto input: Gained +10 energy for addinginto the cube to save and share it with othera new idea.







Video input: Successfully added a new idea Video input: Gained +10 energy for adding Video input: Video is started by pressing the button. Press the Button again to stop into the cube to save and share it with other a new idea. team members.

Take Ideas: Shake the cube to get a random idea output.

?

INSPIRATION Shake the Cube

(-10 ENERGY

12

04 Get ideas

Voice Spending -10 energy for getting another idea.

-10

You spend energy!



Take Ideas: Shake the cube to get a random idea output.

?

INSPIRATION

Shake the Cube

(-10 ENERGY



400

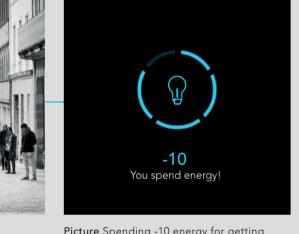
01:20

cube up to start the game.

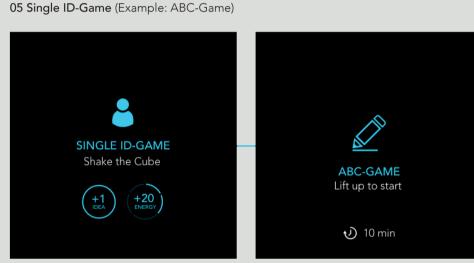
u III

01:20

Voice idea output.



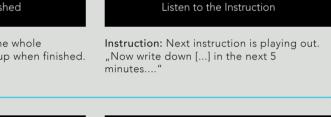
Picture Spending -10 energy for getting another idea.



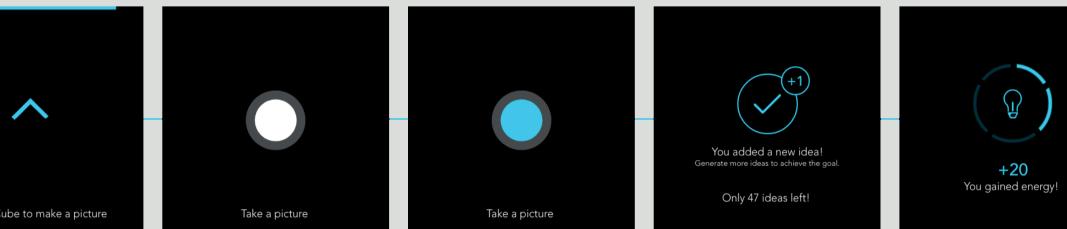
Single ideation game: Shake the cube to ABC-List-Game: After shaking a game is displayed (name of the game and playing time). Lift the cube up to start the game. select randlomly a single ideation game.



minutes...."



00:15



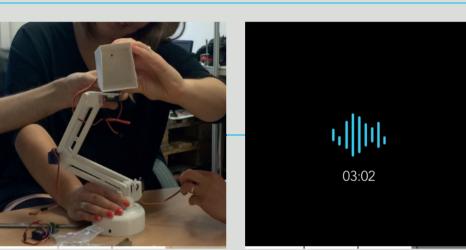
Timer: Lift the cube up to start the timer.

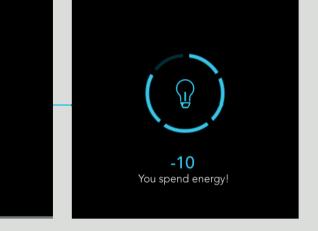
05:00

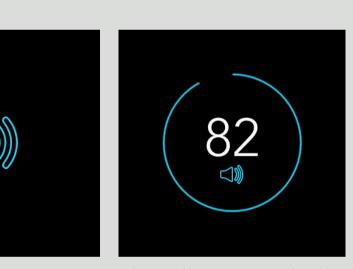
Turn the Cube to make a picture Lift up to start

Save: Turn the cube to make a picture.

Video input: Lift the cube up to confirm Video input: Cube opens automatically to show the camera. Video taking button appears on the screen.





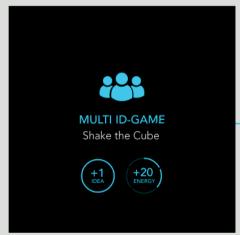


Volume regulator: You can rotate the cube while listening to an instruction or to an idea to regulate the volume.

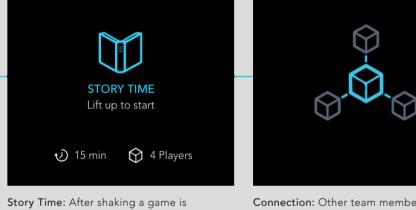
00:13

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06 Multi ID-Game (Example: Story Time)



Multi ideation game: Shake the cube to displayed (name of the game, playing time and number of players). Lift the select randlomly a multi ideation game.



Connection: Other team members are invited to join the game.



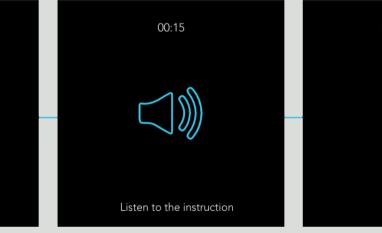
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connected, the game starts.

Instruction: After the game has started, the other team members have turned their the first instruction is read out "..Start telling lifting the cube up. cubes to participate. After all cubes are the story to the cube..."





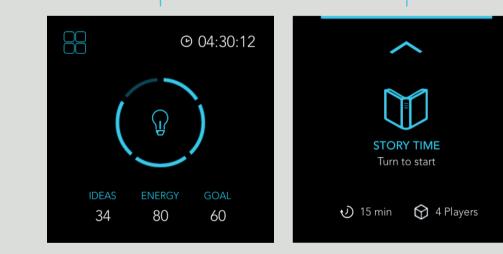




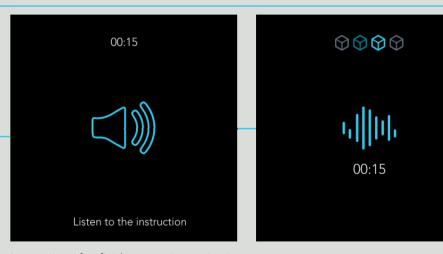


00:15

Instruction: After finishing next instruction is Listening: Listening 15 seconds to a story Continue: 15 seconds to continue the story. read out "..Now listen to the beginning of a from another team member. story from one of your team members...and continue the story"



Dashboard: The invitation appears on the Dashboard: Other team member's cube. dashboard site. The User has to turn the cube to take part.



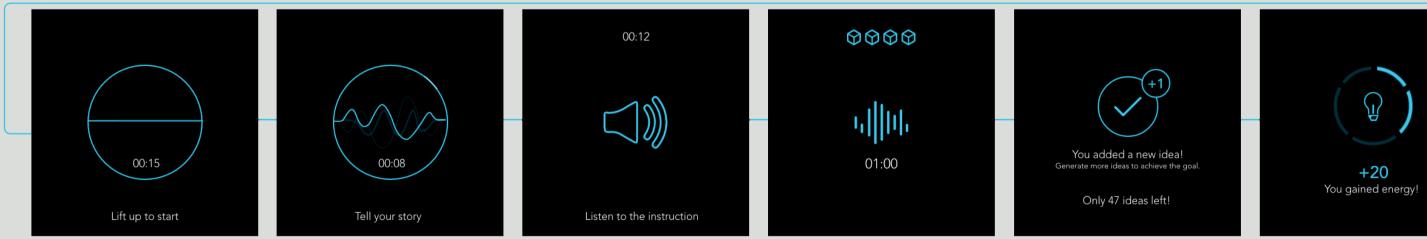
Tell your story

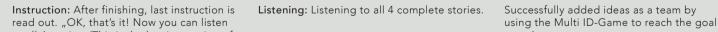
Instruction: After finishing next instruction is Listening: Listening 15 seconds to a Continue: 15 seconds to continue the story. read out "...Now listen to a combined story combined story from two team members. from two of your team members and add 15 seconds again to the end of the story"





Instruction: After finishing next instruction is read out "...Now finish the story with a fitting **Listening:** Listening 15 seconds to a combined story from tree team members. ending..."





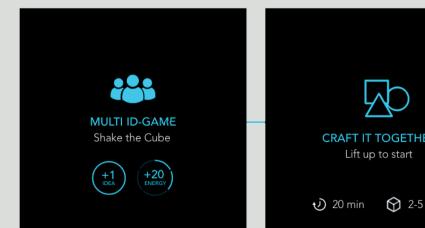


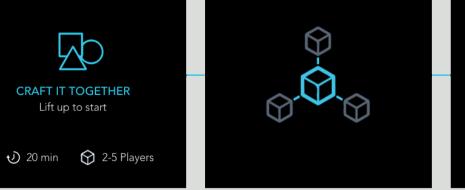
Finish: finish the story.

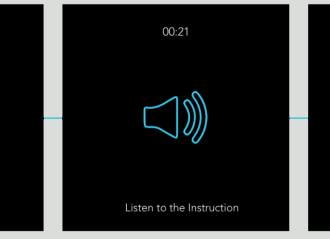
to all 4 stories. (This is the last instruction of this game)."

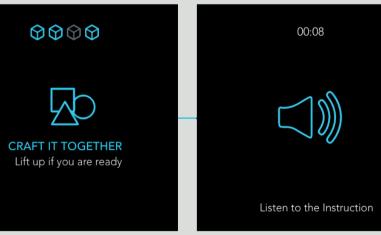
using the Multi ID-Game to reach the goal Multi ID-Game. together.

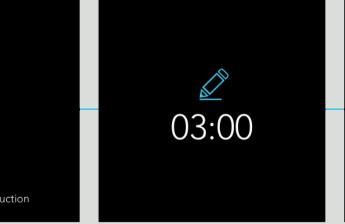
05 Multi ID-Game (Example: Craft it together)

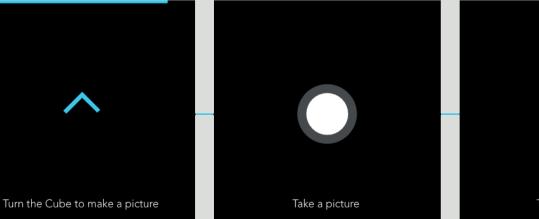


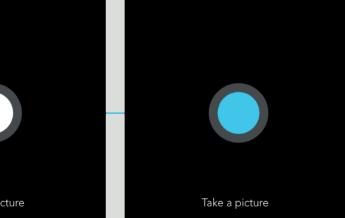












Multi ideation game: Shake the cube to select randomly a multi ideation game.

Craft it together: After shaking, a game is displayed (name of the game, playing time invited to join the game. and number of players). Lift the cube up to start the game.

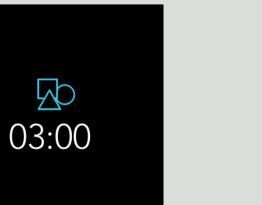
Connection: Cubes are highlighted when the other team members have turned their cubes to participate. After all cubes are connected, the game starts.

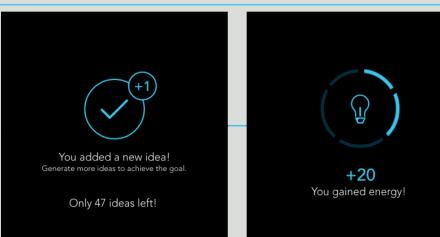
Instruction: After the game has started the first instruction is read out: "Your task is to build a product...If you are ready to get your task lift the cube up"

Instruction: After game is started each

member gets an own instruction. For example "Just think about a concrete shape for the product...." OR "Just think task. about the sounds/noises of the product."

Action time: Different icons by different Save: After finished take a picture. team members in relation to the task. Each member gets 3 minutes to complete the

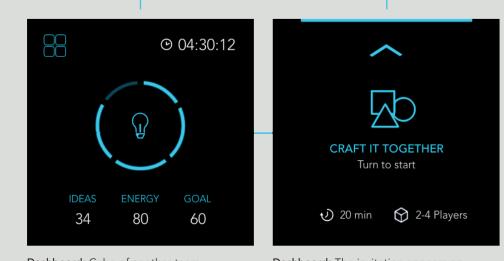




Successfully added ideas as a team by



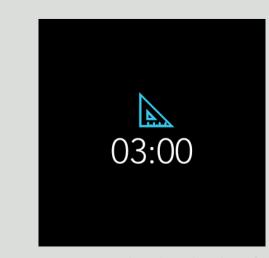
using the Multi ID-Game to reach the goal Multi ID-Game. together.



Dashboard: Cube of another team member.

Dashboard: The invitation appears on the dashboard site. The user has to turn the cube to take part.

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Action time: Another cube and another task.

Action time: Another cube and another task.

THE IDEATION CUBE CSCW 2017