Design Thinking for SDGs

Empathize

Tuesday August 17, 2021

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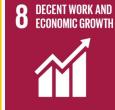
























RESPONSIBLE











Today's agenda

- 1) DT Step 1: Empathize
 - Empathize with your P, issues in Sustainable Development
 - Activity: Empathize recap
- 2) DT Step 2: Define your problem
 - Activity: How Might We question and Problem Statement

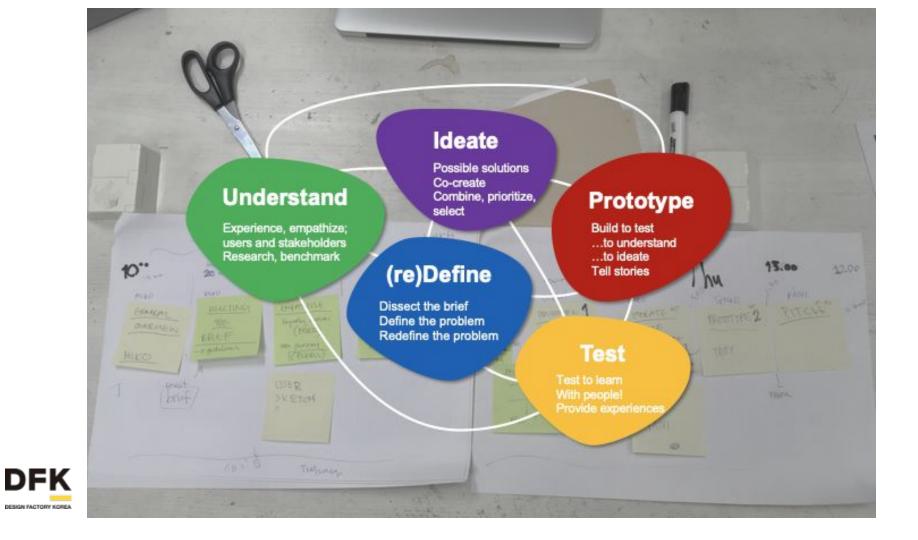


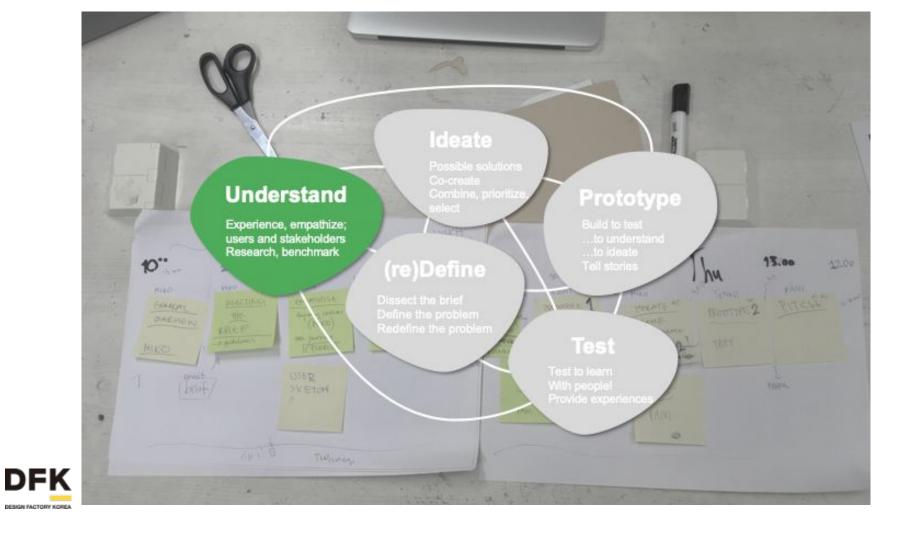


Session 1

Empathize











"Developing a formal, meaningful, and emotional connection with users so they stop being consumers of a design and instead become co-designers."

Identify highs and lows in people's experiences.

KOLKO, 2015



Success rate for new products is 40-50%

Research shows that lack of understanding and meeting user needs is one of the most important reasons for product failure.

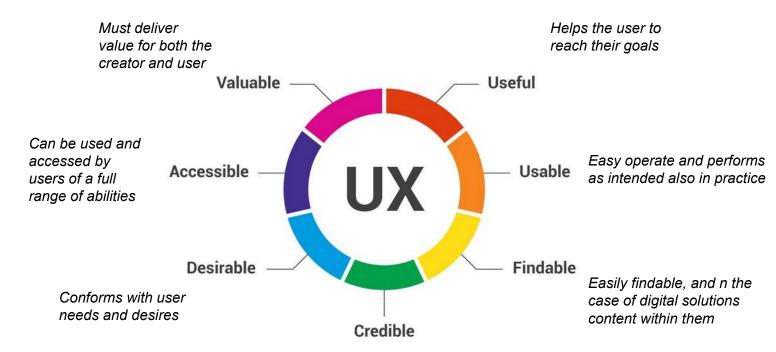


80% of companies believe they deliver a superior customer experience



8% of their customers agree

What makes a good user experience?





Performs the task it is supposed to do over reasonable amount of time Male

Born in 1948

Grew up in Great Britain

Married with children

Successful and wealthy

Likes dogs

Spends his winter holidays in the Alps

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Designers active

(Market research)

User-Centered Design

"design for"

Participatory Design

"design with"

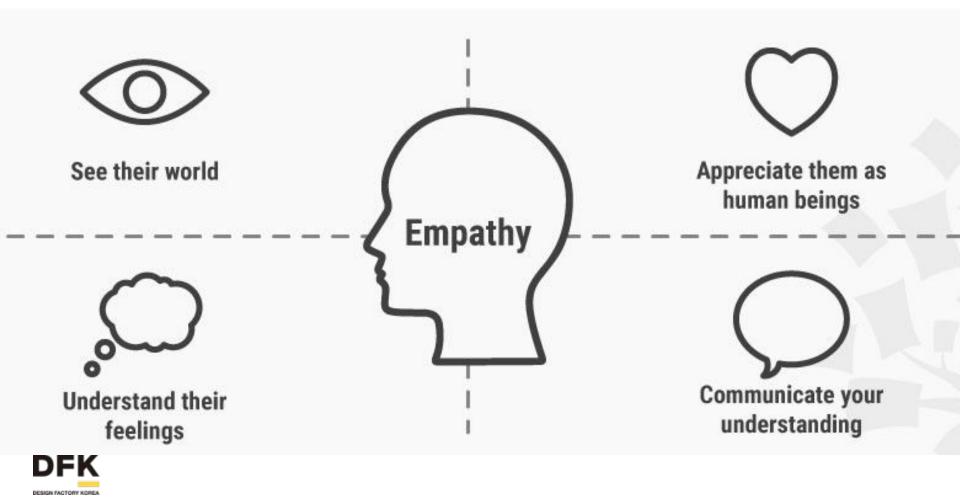
Users active

Lead User Innovation

"design by"







Interact with people – find out who they are, what they do, how they feel

Try to put yourself to their shoes, to understand their experiences

Ask them to share their stories, listen with an open mind

Look for pain points, difficulties they have, things you find surprising – and why

Document your findings and insights and share with your team



Interviews

Ask Why

Structured – open ended Individual interviews Focus groups In context





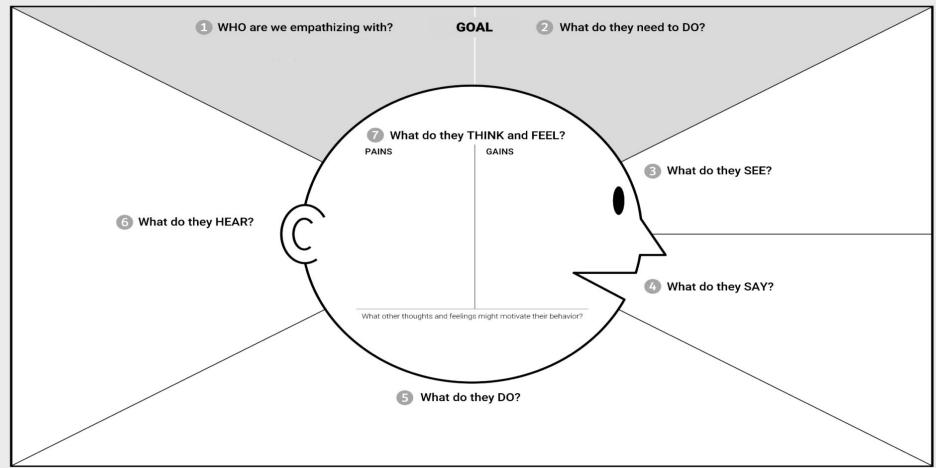
Empathy Map Canvas

Designed for:

Designed by:

ate:

Version:



Empathy Map Canvas



Who is the carson we want to understand? What is the situation they are in? What is the mote in the situation?

GOAL



What do they need to do differently? What pos(s) in they want or need to get core? What does on(s) do they need to make? How will we know they ware successful?

What do they THINK and FEEL?

PAINS

What are their fears, husholfons, circ anxiet cs?

GAINS

What are their wants, needs, hopes and dreams?

What do they SEE?

What co they see in the marketp see? What co they see in the introded selent onment? What no they see oness saying and doing? What are they watching and reading?

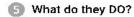
6 What do they HEAR?

What are they nearing others say? What are they rearing from highds? What are they nearing from colleagues? What are they nearing second-hand?

What other though, sign: I selfings might molivate their behavior?

What do they SAY?

What have we neard them say? What can we magine them saying?



What do they do today? What behavior have we observed? What call we imagine them doing?

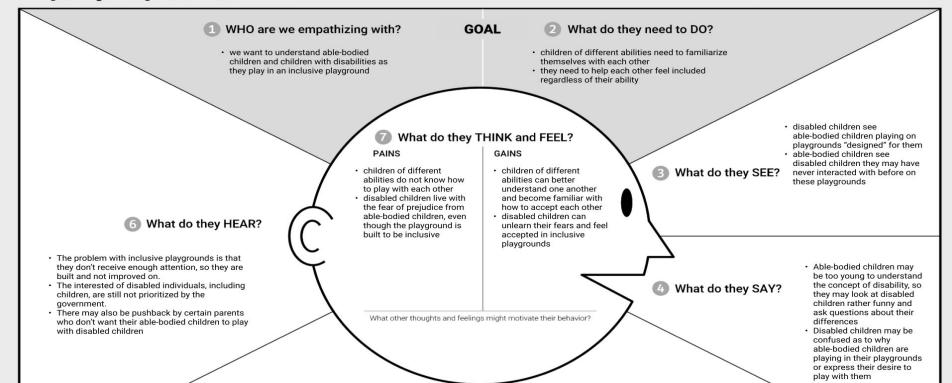
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What do they DO?

 children with disabilities play in these inclusive playgrounds, but they seem to only play with other disabled children instead of with able-bodied children

the same situation seems to apply to able-bodied children as well

playful signs

- √hopscotch to play and learn about inclusion
- 이 놀이터에서 놀 수 있는 Who can play in this playground? 사람은 누구일까요?



✓ pictograms, characters



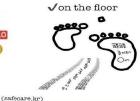
introduction sign

√different shapes of children

우리 같이 놀자! 꿈틀꿈틀놀이터까지 *m Kkum Teul Playground ☑ *m









? differentiate the touch between the spaces / sound button

inclusive signs

√braille

√tactual map embossed carving(?)

3D printed map?



ex. a device attached to a traffic light



√ sound

여기는 다양한 친구들과 함께 어울려 놀 수 있는 꿈틀 꿈틀놀이터예요. 장애가 있든 없든 놀고 싶은 마음만 있다면 친구들과 함께 놀아요.

KT playground is where you can play with many different friends. We can play together with or without disabilities if you want to.

우리는 모두 다르지만 우리는 모두 꿈틀꿈틀놀이터에서 함께 놀아요. We are all different, but we all play together in KT playground.



Height of the sign



? what about children in wheelchairs? their eye-level?

Color of the sign

✓ color universal design



example of colors which are distinguishable by people having color weakness

√colors for the



At the end of tomorrow's session,

each team will briefly show their empathy map

