

# What do you know about **design thinking**?

Have you ever used it?

# What is Design Thinking?



What is Design Thinking?



# Design Thinking is not new. It has a history of 30 years



"Design thinking is an essential tool for simplifying and humanizing. It can't be extra; it needs to be a core competence."

Harvard Business Review. Design Thinking becomes of age. September 2015.

# Design Thinking has an increasing relevance for corporate businesses



Being closer to the customer





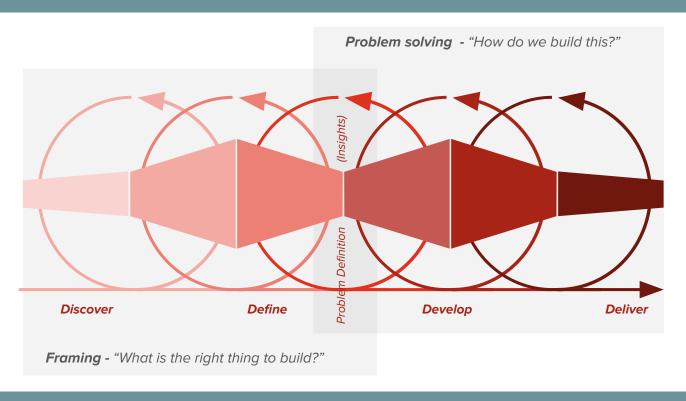
Selling highly relevant products & services





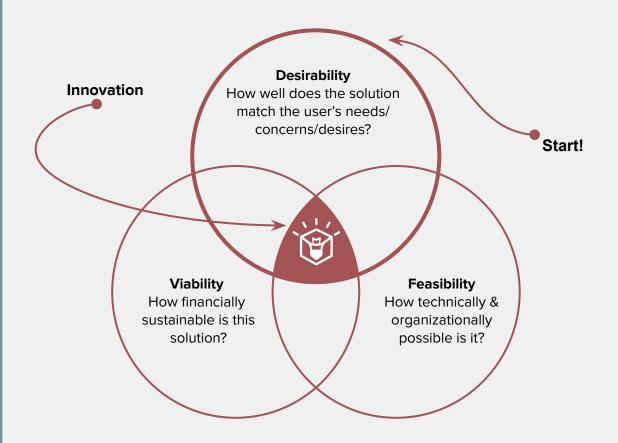
Being faster and more agile in new product & service development

# The Design Thinking process can be divided into four phases, each with iteration loops



Design Thinking considers three lenses to create innovations.

At the beginning focus should be on desirability



In an increasingly
digital world
characterized by
constant changes in
markets, businesses
and customers, product
and service innovation
must be fast and agile.

Design Thinking can enable this.

# Key benefits for companies using Design Thinking













Design Thinking Principles

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Progress is impossible without change, and those who cannot change their minds cannot change anything

**GEORGE BERNARD SHAW** 



**Empathy** 



Problem Focus



**Culture of Failure** 



**Experiment** 



Visualize

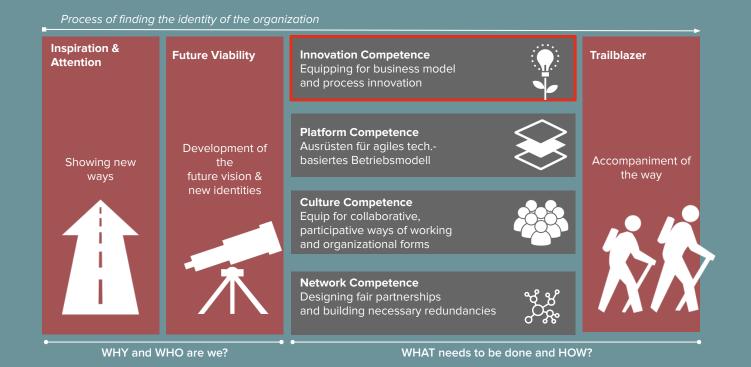


Cross-functional Teams

# Design Thinking can be used in many areas of application ...



# ... and it can be the main tool for establishing a sustainable innovation competence









# **Observe & Understand**

# **Description**

Gaining a clear understanding of the situation from the perspective of current and potential customers/ employees of a digital product/service.

#### Benefit

- Find the **true motivations** behind a customer's/employee's behavior
- Develop empathy as a basis for human-centered digital products or services

## **Prerequisites**

- Knowledge about ethnographic research methods
- Interview skills
- Access to customers and other potential stakeholders



and listen as users act and behave in their own environment



**Work Shadowing** – By accompanying stakeholders implicit problems and wants are revealed





**Cultural Probes** – Probes are given to research participants who can then document their daily experiences

# Your mission: Design the recruiting experience of the future. **Start by gaining empathy. Interview a user/ customer.**

# 1. Interview 8 min. (2 sessions x 4 min. each) Notes from your first interview Switch roles & repeat Interview

# 2. Dig deeper

6 min. (2 sessions x 3 min. each)





# **Synthesize**

## **Description**

Drawing conclusions from research or prototype testing by sharing observations across the team, cluster the information and finally condense to insights.

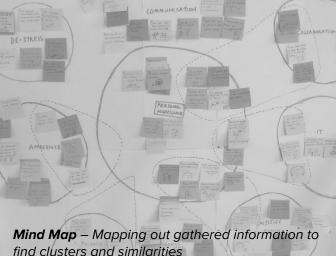
#### **Benefit**

- Simplify and frame complex and intangible processes/problems
- Narrow down to core content

#### **Needed tools and outcome**

- A lot of post-it notes to write down observations, findings, etc.
- Whiteboards
- Outcome: Point-of-View statement





# Persona Development

- Based on behaviors and motivations of real people, personas help to truly understand customer needs

#### Point-of-View statement formulated as hypothesis

**USER NEED INSIGHT** 



Take a stand by specifically stating the *meaningful* challenge you are going to take on.

This is the statement that you're going to *address with* your design, so make sure it's juicy and actionable!

# Your mission: Design the recruiting experience of the future. Reframe the Problem.

### 3. Capture findings

3 min.

#### Goals & Wishes:

What are the customers expectation regarding the recruiting process?

#### Insights:

New learnings about your partner's feelings and motivations. what's something you see about your partner's experience that maybe s/he doesn't see? (Make inferences from what you heard)

# 4. Take a stand with a point-of-view 3 min.

	customer's name/description
	customer's numeruescription
wants to	
	User's need
because (or "but" or "surprisingly")	
Insight	



# Ideate

# **Description**

Generating various solution concepts of potential digital products or services by combining gathered insights and facts with imagination and creativity.

#### Benefit

- Quick and structured idea generation
- Get to know the **different perspectives** on one topic at once
- Go beyond obvious solutions

### **Setting**

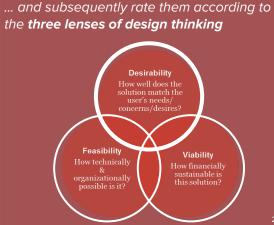
- Space for creativity
- Clear rules
- Strict time management



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"It's not about coming up with the 'right' idea, it's about generating the broadest range of possibilities.

HASSO PLATTNER INSTITUTE OF DESIGN AT STANFORD

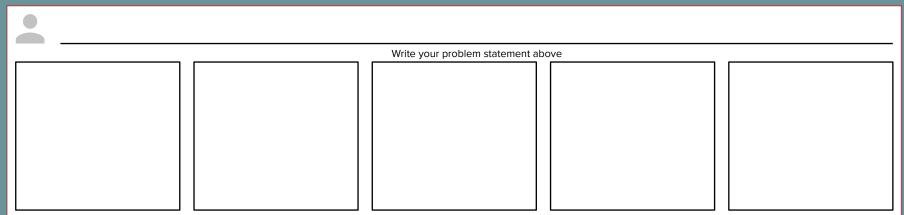




Your mission: Design the recruiting experience of the future.

Ideate: Generate alternatives to test.

5. Sketch at least 5 radical ways to meet your user's needs. 5 min.



6. Share your solutions & capture feedback. 10 min. (2 sessions x 5 min. each)

Notes

Switch roles & repeat feedback interview

d quarks GmbH



Your mission: Design the recruiting experience of the future. **Iterate based on feedback.** 

# 7. Reflect & generate a new solution. 3 min.

Sketch your big idea, note details if necessary!





# **Prototype**

# **Description**

The prototype is an **early model or experiment** to rapidly create solutions to identified challenges and problems.

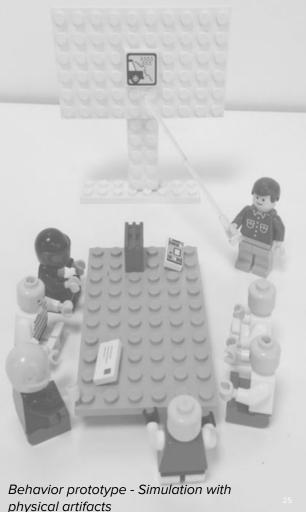
#### **Benefit**

- Make any business model, product or service idea tangible and visualized
- **Test** it with the potential customers or employees

#### **Needed material**

- Apps like Spark or LEGO® Movie Maker
- Paper & pencils
- Other arts & crafts material
- Divers physical artifacts like
- Others







# **Test**

### **Description**

Bring prototypes and first ideas in a context with stakeholders and their environment for quick evaluations. The context (who and where) is very crucial.

#### **Benefit**

- Get **feedback** from people inside/outside the development team
- Testing allows to find flaws early and improve them in further iterations

#### **Needed material/tools**

- Create prototype to be tested (and device to show with)
- Create a test plan (what exactly to test and how)
- · Stakeholders & location to test with





If your solution is a service or a system, create a scenario that allows your partner to experience this innovation."

When you test, *LET GO* of your prototype, physically and emotionally.

Your prototype is **NOT PRECIOUS**, but the feedback and new insights it draws out are!

# Your mission: Design the recruiting experience of the future. **Build & test.**

7 min.

Design some kind of prototype! [not here]



# 9. Share your solution & get feedback.

8 min. (2 sessions x 4 min. each)

