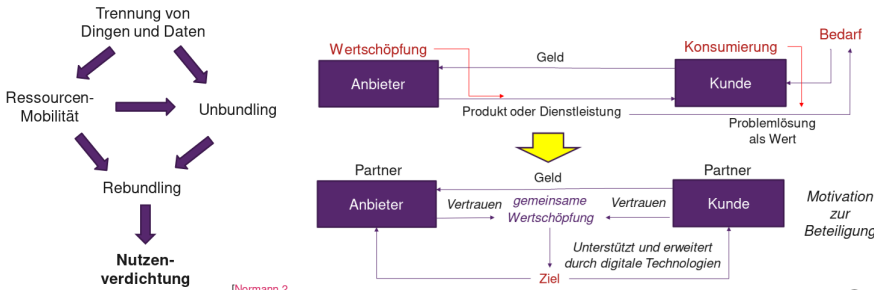


Command Function	Description
Digitization:	transferral of already existing information/technologies into the digital world
Digitalization:	Creation of new technologies etc, that weren't possible before.
It management	Focuses on operational efficiency of a company
Digital business	Focuses on innovative solutions and customer satisfaction
Market Value (Tauschwert)	How much is the service/product worth in numbers
Usage Value (Gebrauchswert)	Worth of actually using it
Job to be done	The goals that a customer wants to achieve with the service / product
Customer Value in Traditional Business	The traditional business tries to create a product that appeals to as many people as possible. With the sale of said product, their interaction is over, since the customer now has the product.
Customer Value in Digital Business	In the digital world the customers opinion is more important as they can voice their opinion easily. Therefore the companies create a value proposition with their product (Wertversprechen), which in theory should be more than just a "promise".
Digital Business definition	Creation of new business structures which merge the physical and the digital world.
Interactivity of customer Value (Interaktivität)	The customer always has to have some sort of interaction with this product. Ex. a use case for it.
Relativism of customer Value (Relativismus)	Certain situations might cause the customer to want this product -> Hunger -> food.
Preference dependency of customer Value (Präferenzabhängigkeit)	Personal preferences also change the products the customer buys.
Experience dependency of customer Value (Erfahrungsabhängigkeit)	Does the customer already know this product?
	<p>Aktivitätslandschaft eines Weinliebhabers (in Schweden)</p> <p>The diagram illustrates the activity landscape of a wine lover in Sweden. It features a central circle 'C' representing the customer, with various activities radiating from it. The size of the circles indicates the level of pleasure (Vergnügen) from 'Kein Vergnügen' to 'Vergnügen'. The thickness of the lines indicates the frequency from 'Selten' to 'Häufig'. The legend also shows that line thickness represents effort from 'Kleiner Aufwand' to 'Grosser Aufwand'.</p> <p>Activities include: Teilnahme an einem Weinkurs, Lesen eines Weinmagazins, Lesen eines Weinreviews in der Tageszeitung, Lesen eines Weinreviews im wöchentlichen Business-Magazin, Teilnahme an einer öffentlichen Weinprobe, Planung und Organisation eines eigenen Abendessens mit Wein, Kauf von Wein im staatlichen Monopelgeschäft, Weinverkauf an der Passagierfährre, Besuch der staatlichen Wein-Webseite, Teilnahme an einer Weinprobe mit Freunden, and Besuch eines Weinguts im Ausland.</p> <p>Legende:</p> <ul style="list-style-type: none"> Kreise: Kein Vergnügen ↔ Vergnügen (Unwichtig ↔ Wichtig) Linien: Selten ↔ Häufig (Kleiner Aufwand ↔ Grosser Aufwand) <p>• Alle Ebenen können digital unterstützt werden. Man muss sie kennen. [Wikson 2006]</p> <p>[Mickelsson 2014, Alderson 1957]</p>
Digital Services	Digital services increase the independency of place,time,ability for customers. Aka it gets easier and more available everywhere. It also increases the possibilities, new products etc.
Resource Density (Resourcendichte)	The ease of providing a service to increase customer value. Aka how easy to sell. Dimensions of Resource Density: Time, Place, abilities, efficiency.
Time	The time specifies how fast you can get a product.
Place	The place specifies where you can buy said product.
abilities	The abilities specify what you need to do to get a product. -> buy from store easy, rent a car harder
efficiency	The efficiency specifies how efficient the sale is for customers. Leads to easier buying for customers.
Resource Density increase (Ressourcenverdichtung)	Make it easier for customers to buy, example. Online shopping instead of having to go to a shop.
	<p>Verdichtung auf 3 Ebenen</p> <ul style="list-style-type: none"> Die 3 Aktivitätsebenen, auf denen Nutzen erzeugt werden kann <ul style="list-style-type: none"> Aktivitäten werden durch ein Motiv bestimmt, sind aber frei in den konkreten Zielen Beispiel: Ich möchte einen entspannten Abend verbringen. Dies kann ich dadurch, dass ich zu Hause Musik höre oder im Kino einen Film anschau. Digitale Unterstützung: Informations- und Serviceangebot erhöhen, um das optimale Ziel zu finden Handlungen werden durch ein Ziel bestimmt, sind aber in den Abläufen weitgehend frei Beispiel: Ich möchte nach Zürich fahren. Dies kann ich machen, indem ich mit dem Zug oder mit dem Auto fahren Digitale Unterstützung: Ressourcendichte erhöhen, um das Ziel möglichst einfach zu erreichen Operationen wind meist routinemässige Abläufe, die immer gleicher Weise ablaufen Beispiel: Die Wäsche waschen. Digitale Unterstützung: Automatisierung erhöhen, um sich auf das Wesentliche zu konzentrieren
Immaterialität, Adaptivität, Vernetzbarkeit	<p>Digital business is immaterial, which makes it available everywhere,anytime.</p> <p>Digital business is adaptive, products/services can have multiple purposes that fit the needs of pretty much everyone.</p> <p>Digital Business is connected, which makes it possible to combine services into one.</p>

Splitting of Things and data	Trennung von Dingen und Daten means the physical product, costs, information, etc. The second is the data, which can be handled independently from the product and therefore used for different things, such as services. Example rental cars, it is possible for you to order any rental car online as this data is not stuck inside the car itself.
Resource Intergration	This means the integration of data from different things into one. Example, you want to rent a hotel, you can also rent a car and more at the same time!
Unbundling	Splitting of a product that was previously sold as one. Usually done to integrate with partners.
Rebundling	Packing different services into one.
Reconfiguration	The whole process of unbundling, then rebundling a service or a product
Resource Mobility	make something available digitally.
Resource Mobilization	Usage of previously not used resources. -> Nvidia open source kernel module now uses the power of pull requests.



Digital Disruption	The overtake of a digital product from a regular one -> Uber deletes taxis.
Disintermediation	elimination of third party sellers that would usually be necessary. -> Lenovo direct seller instead of digitec.
Reintermediation	Comparison and Review Services for Products. Trivago, Toppreise
the 4 types of Co-Creation cooperation, tinkering, Co-Design, Additions(Einreicherungen)	Cooperation, the development/use of a product together. (Use -> Car sharing) Tinkering: Modifications on existing products by customers which can be integrated into a new product. Co-Design: Designing of things together, see dota skins Additions: Call for new ideas, additions etc from a company to customers.
Long Tail Product	A product that is niche and therefore doesn't sell that well, but if you can hit the right people, it will be profitable in bigger amounts.
Crowd Economy: Crowdfunding, Sharing Economy, Crowd-Innovation, Crowdsourcing	Crowd Economy: Creation of new forms of an economy by interaction of humans over the internet Sharing Economy: Usage of same resource together, Crowdsourcing: working together on a project -> FOSS



Product	A product is a material object.
Service (Default view)	A service is an immaterial object
Productoriented vs Customer oriented	The only way to increase the value of a product with the first view is to either, increase the quality of the product, or decrease the cost of the production of said product. Obviously this view is trash since you could instead just be more customer centric and ask them directly what they would like to have.



Servitization	"As a service" Products that increasingly have a service dominance in them. You don't buy a phone, you rent it, etc... Note it is easier to milk your existing customers than gain new ones!
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Service (Service View)	The service is no longer just an immaterial object but describes each use of resources withing operations and processes.																			
Resource (Service View)	Resources aren't just used, instead they are carriers to services for a specific goal.																			
	<p>Ressourcen sind zum Beispiel:</p> <ul style="list-style-type: none">• Werkzeuge• Arbeit• Fähigkeiten• Wissen <p>Hiermit können Service-Leistungen erbracht werden</p> <p>Ressourcen sind eine Verallgemeinerung von Produkten</p> <p>Was unterscheidet die Idee der <i>Ressource</i> von der Idee des <i>Produkts</i>?</p> <p>Service-Leistungen entstehen immer durch Ressourcenintegration.</p> <p>Beispiel: Mit dem Auto in die Stadt fahren = Integration der Ressourcen Auto, Fähigkeiten (Führerschein) und Fahren (Arbeit).</p>																			
Value (Service View)	The value of a service is only calculated based on the customer.																			
Reason for Service View	It is more individual for customers, it is more automated, it offers better integration with the cancer named as "pay-per-use". It has replaced the regular product centric view for digital business.																			
	<p>Leistungen kann man danach unterscheiden, ob die Hauptressource materiell (tangibel) oder immateriell (intangible) ist:</p> <p>Tangible Ressourcen: Produkte, Services, Geld</p> <p>Intangible Ressourcen: Wissen, Fähigkeiten, Vorteile, Aufmerksamkeit</p> <p>Manueller Datenfluss → Automatischer Datenfluss → [Kritzinger et al. 2018]</p>																			
Digital Twin	A virtual entity which is automatically connect with a real one. These are often used as virtual environments to test things. Or to automate sensor based reactions. A good example would be the creation of a new product with CAD then testing this with a digital twin instead of a real product!																			
Problems with selling data	Quality, Redundancy, Target -> is the data useful to US?																			
The benefit and problem with data	With data companies can target specific customers in a way that is beneficial for both, customer gets ads for products that the customer actually wants! wow! And therefore the company is actually going to sell something from that add. The problem? Privacy. In order to gain this amount of confidence about the usefulness of an add for a customer, you would need to know the entire life of that customer, which many are obviously not comfortable with and is also illegal in pretty much any country. In short, Data is knowledge, and knowledge is power, therefore companies with valuable data have an edge over others.																			
Channels: Single,Multi,Cross,Omni	<table><tr><th>Service Ziel</th><th>Trennung von Dingen & Daten</th><th>Potentielle Ko-Kreation</th><th>Ressourcen-Integration</th><th>Ressourcen-Mobilisierung</th></tr><tr><td>Job to be done: Welches Ziel verfolgt die Servicenutzenden hier?</td><td>Welche Dinge spielen dabei eine Rolle? Welche Daten gehören dazu?</td><td>Welche Aktivitäten zur Zielerreichung könnten auch Kunden übernehmen? Welche Daten können dazu genutzt werden und erhält man?</td><td>Wie können Aktivitäten für die Kunden vereinfacht werden? Welche Daten können sie dabei unterstützen?</td><td>Welche zusätzlichen Services sind möglich? Welche Daten können in diesen Services weiter verwendet werden?</td></tr></table> <p>Generierung von Daten</p> <p>Daten-basierte Kundenbeziehung IoT - Daten Mobilgeräte- Daten</p> <p>Sensordaten Kunderdaten Mobildaten</p> <p>Datenhandel Daten-basierte Produktinnovation Daten-basierte Zusatzservices Daten-basierte Produktion</p> <p>Zentrale Faktoren im digitalen Wettbewerb</p> <ul style="list-style-type: none">• Preis- und Informationstransparenz<ul style="list-style-type: none">• insbesondere über das Internet• Neue Arten der Zusammenarbeit<ul style="list-style-type: none">• Globale und rekonfigurierende Netzwerke mit Zugang zu neuen Ressourcen (Mobilisierung)• Netzwerke mit verbesserter Kommunikation zu und zwischen den Kunden<ul style="list-style-type: none">• z.B. in sozialen Netzwerken• Höherer Innovationsdruck und Experimente mit neuen Leistungsangeboten<ul style="list-style-type: none">• Neue Angebote werden kostenfrei angeboten, z.B. YouTube Music• Höhere Erwartungen und Engagement der Kunden<ul style="list-style-type: none">• z.B. in Bezug auf soziale Ziele (gegen Kinderarbeit) <p>Infrastruktureigenschaften</p> <table><tr><td>Struktur</td><td>Integrität • Stabilität gegen Veränderung</td><td>Konnektivität • Netzwerkstruktur</td></tr><tr><td>Dynamik</td><td>Elastizität • Erweiterbarkeit (Leistung & Umfang)</td><td>Generativität • Bereitstellung neuer Services</td></tr><tr><td>Balance</td><td>Ambidexterität • Gleichzeitige Wahrung von beidem</td><td>Modularität • Modulare Service-Struktur</td></tr></table> <p>Single Channel: Only 1 form of business, ex. only in person store. Multi Channel: Services/Products available on multiple channels like in-person online, etc. However without interaction of these channels. Cross Channel: Mutli channel with interaction -> order online, pickup from store Omni Channel: Every Single Channel imaginable with interaction between them. Including social media etc.</p>	Service Ziel	Trennung von Dingen & Daten	Potentielle Ko-Kreation	Ressourcen-Integration	Ressourcen-Mobilisierung	Job to be done: Welches Ziel verfolgt die Servicenutzenden hier?	Welche Dinge spielen dabei eine Rolle? Welche Daten gehören dazu?	Welche Aktivitäten zur Zielerreichung könnten auch Kunden übernehmen? Welche Daten können dazu genutzt werden und erhält man?	Wie können Aktivitäten für die Kunden vereinfacht werden? Welche Daten können sie dabei unterstützen?	Welche zusätzlichen Services sind möglich? Welche Daten können in diesen Services weiter verwendet werden?	Struktur	Integrität • Stabilität gegen Veränderung	Konnektivität • Netzwerkstruktur	Dynamik	Elastizität • Erweiterbarkeit (Leistung & Umfang)	Generativität • Bereitstellung neuer Services	Balance	Ambidexterität • Gleichzeitige Wahrung von beidem	Modularität • Modulare Service-Struktur
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Demand-based customer strength	By using the internet more and more, the companies are pushed to use it as well for their services and products.																			
Information-based customer strength	The internet makes it easy for customers to gain access to proper information, pushing companies to create better services.																			

Network-based customer strength	Behavior on social networks is extremely important, often companies get called out on social media and have to take action because of it.
Crowd-based strength	When customers actively work on a product they will naturally also have more say in the matter.

Kundenstärke

reaktiv **aktiv**

Netzwerk-basierte Stärke

Technologie: Ubiquitäre Infrastruktur, gemeinsame Kunden-Initiative

Technologie: Soziale Netzwerke, Weitere Verteilung von Content

Technologie: Erster Konsumenten Content

Technologie: Internet, Browser

Individueller Einfluss Netzwerk Einfluss

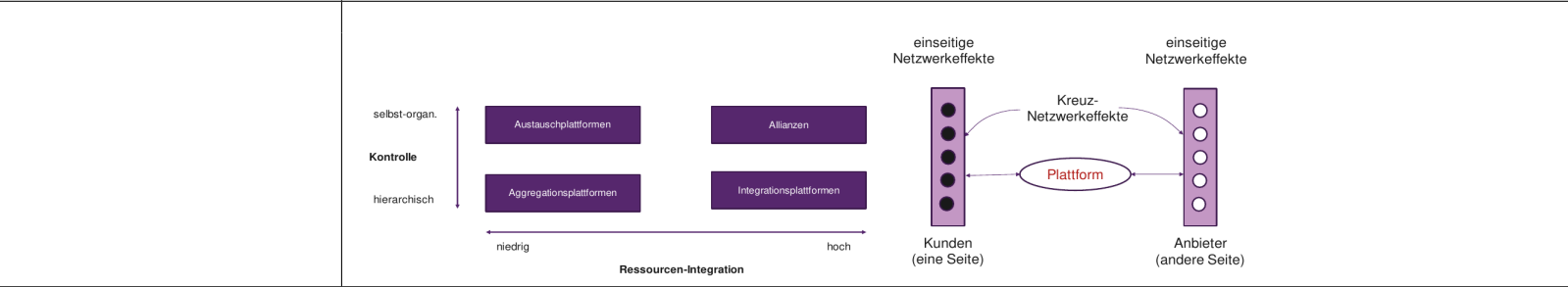
Macht der Kunden

Zeit

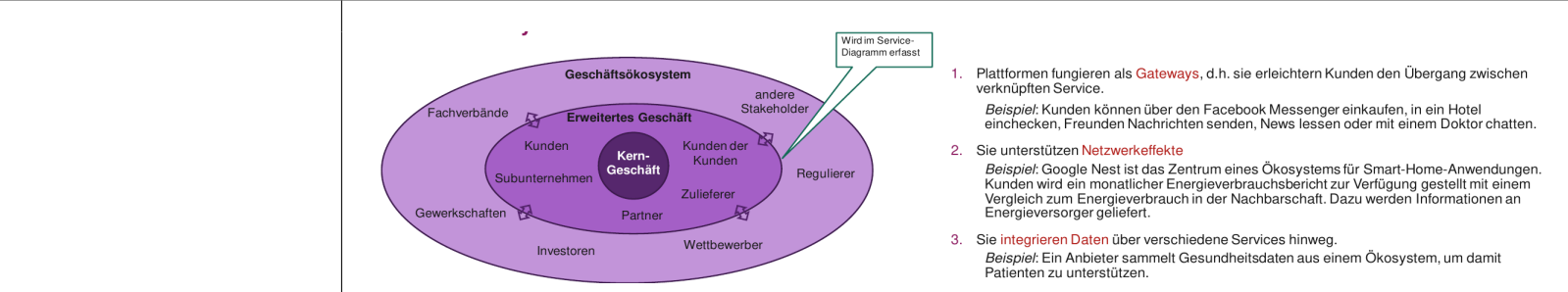
Konventionelle vs. digitale Netzwerke

Eigenschaften	Traditionelles Geschäft	Digital Business
Produkte und Services	Relative kleine, einfache und langsam verteilte Produkte und Services	Relativ komplexe, gebündelte und schnell verteilte Produkte und Services
Wertschöpfung	Lieferketten mit langfristig angelegten Beziehungen	Anforderungsnetzwerke mit schnell hergestellten und wieder gelösten Beziehungen
Koordination und Kontrolle	Hierarchische und zentrale Kontrolle und Entscheidungsprozesse	Netzwerkorchestrierung mit verteilter Kontrolle und Entscheidungsprozessen
Informationsteilung	Informationsteilung mit direkten Geschäftspartnern	Informationsteilung mit Netzwerkpartnern und darüber hinweg
Infrastruktur	Unternehmenseigene Plattformen mit Informationslos und eigenen Systemen	Netzwerkplattformen mit vernetzten Geschäftssystemen

Networks	Networks simply mean the interactivity of modern companies by combining services, sharing data and generally close interaction.
Platform	A Platform is a network with a clear governance-structure that defines who can do what. It also offers different sets of standards, offering more companies as well as customers this time, the ability to interact with each other.
Platform attributes: Connection, drawing force (Anziehungskraft), Flow (Fluss)	<p>The connection means it must be easy for participants to join and interact with the platform.</p> <p>The drawing force defines that the platform must be attractive to use.</p> <p>The Flow means that the platform must support Co-Creation.</p>
Parties involved	<p>Other than the host of the platform we have the participants: service offering and service seeking participants.</p> <p>As well as third party supporting participants that improve the platform, ex. Google or facebook integration.</p>
Different Forms of plat-forms: Serviceplatforms Social Platforms Mobilization Platforms	<p>A platform that offers an exchange of Resources. Either free or paid -> Stack overflow, fiver</p> <p>A platform that allows companies and users to exchange what is going on in their life.</p> <p>A platform that is created to follow a common goal. Usually crowd funding platforms like kickstarter, but also massdrop.</p>
More explicit types: ExchangePlatforms Aggregationplatforms Integreationplatforms Alliances	<p>Brings service seeking and offering together. -> Stack overflow, Ricardo</p> <p>Offers a wide range of services and products from different companies -> Amazon, Digitec</p> <p>Brings many different services into one, to the customer only the company that is integrating these services is visible -> Could Databases from google etc.</p> <p>A collection of participants that have created a deep connection to offer services as one. -> Star Alliance Lufthansa</p>



Platform vs Portals	Portals don't have network effects, Portals are used for a customer to interact with a company and only the company. It is therefore a Many-to-One relationship, where the platform is a Many-to-Many relationship.
Ecosystems	<p>The creation of a system around a certain product/service. This includes you, suppliers, third party sellers, competitors, investors, customers etc.</p> <p>Because of this, companies are focusing more and more on one thing "focus and win", for the simple reason that everyone else will supplement what you haven't provided.</p> <p>This in return forces companies to rely on Co-Creation, as no single company wants to do the entire chain, even for companies as big as apple! monitors from LG!</p>



Problems with ecosystems	Things such as insurances can also be included in ecosystems, ex. Digitec offers extended warranty and insurances alongside their products. This replaces traditional insurances which often also would cost more. Insurances therefore have to increasingly play the backrole in an ecosystem. Something they aren't happy about.
Coopetition	The competition and cooperation of 2 parties at the same time. See Intel and AMD -> cooperation on FOSS, competition on CPUs.
Digital Ecosystem	The digital ecosystem is pretty much the same, centered around a product/service variant, with the only difference being the necessity of a digital platform. For example the Iphone is the shitty ecosystem with the platform being the shitty Appstore.
Business Model	Describes an architecture for the product, service and informationflow, as well as the usage, cost and profitstructure It essentially says how the strategy of a company is to be implemented. It should be easy to be understood. A business model can be used as a description-/explanation-/Decision-model for management.

The Business Model is the part that fills the gap

Die Rolle von Geschäftsmodellen im digitalen Geschäft

Traditionelles Geschäft

- Stabiles Umfeld
- Begrenzter Wettbewerb
- Sicherheit
- Nutzung von Wissen

- Rel. einfache und statische Geschäftsprozesse
- Einfache Kanäle des Geschäfts
- Geringer Druck der Interessengruppen

Digitales Geschäft

- Dynamisches Umfeld
- Hohes Niveau an Wettbewerb
- Unsicherheit
- Wissensgenerierung und Innovation

- Dynamische und IT-basierte Geschäftsprozesse
- Omni-channel-Geschäft
- Hoher Druck der Interessengruppen

Worauf kommt es bei Geschäftsmodellen an?

Ebenen von Geschäftsmodellen


Geschäftsmodellbeschreibung

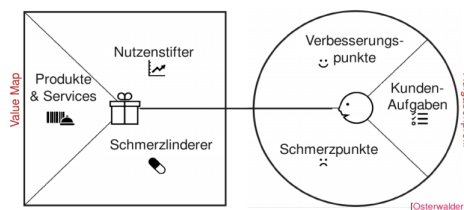
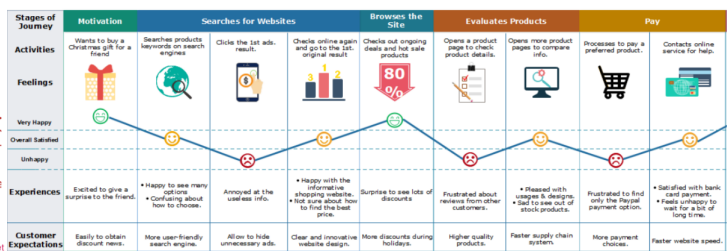
Unternehmenssicht (= BM Canvas)

Customers	A customer is not only the ones who pay, but simply the ones who have to be convinced to use this service. Aka nobody pays with money for google search.
Customer relation	The reason why a customer might consider your service etc. ex. The customer know about the service, or the customer needs this type of service.
Income Structure	How do we gain money? Licenses,sale of products,subscriptions, lending, leasing, pay-per-use, fix or dynamic prices, etc.
Core Resources	Employees, infrastructure, financial situation, copyrights, patents, etc
Core Partnerships	Partner that can't be replaced easily. -> perhaps suppliers, third-party services
Types of Customer Channels	What channel are you gonna use? Personal Contact, Personal assistance, self-service, digital service, communities, co-creation
Channels	Multiple different channels can be used for different things, e.g. payment might have a different channel than information.

Stufen der Geschäftsmodellentwicklung

Part business models	a company might have different business models with different services/products. Although they are often overlapping, in this case we talk about "cannibalization" of their own model.
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Design Thinking	<p>Understand, evaluate, implement. The idea that we don't instantly understand a problem until we have properly evaluated it.</p> <p>In order to get a proper result, this should be done in diverse teams with different backgrounds, as to not miss a use case.</p>
	<div><div><div><div><div>Hineinversetzen</div><div>Verstehen</div></div><div><div>Beobachten</div><div>Verstehen</div></div><div><div>Stellenfragen</div><div>Erforschen</div></div><div><div>Prototypenentwickeln</div><div>Erforschen</div></div><div><div>Testen</div><div>Umsetzen</div></div><div><div>Erstellen</div><div>Umsetzen</div></div></div><div><div>Verstehen</div><div>Erforschen</div><div>Umsetzen</div></div><div><div>Verstehen</div><div>Erforschen</div><div>Umsetzen</div></div></div><div><p>Beispiel einer Persona</p><div><div><p>Ursula Berger, 45 Jahre alt, Partnerschaft, keine Kinder, Ärztin in Kantonsspital</p></div><div><p>Beschreibung Ursula kennt ihren Partner jetzt seit 10 Jahren und möchte ihm ein spezielles Geschenk machen. „Ich möchte meinem Partner etwas besonderes schenken.“</p></div><div><p>Ursulas Ziel Ein Geschenk finden, dass ihr Partner als etwas besonderes empfindet.</p></div><div><p>Kernangebot Eine Reise zu einem exotischen Ziel mit einer persönlich gestaltete Erlebnistour</p></div><div><p>Ursulas Wunsch Sie möchte nicht nur eine besondere Reise buchen, sondern auch ihre persönliche Note zur Geltung bringen.</p></div><div><p>Einschränkungen Es sollen keine besonderen Risiken mit der Reise verbunden sein. Kein Stress!</p></div><div><p>Ursulas Beziehung zu digitalen Anwendungen durch die Widma. Sie kauft regelmässig in Online-Shops und sucht im Internet nach Informationen.</p></div></div></div><div><p>Dabei soll ein Standpunkt (Point of View = PoV) definiert werden: Als [Nutzende/Persona] möchte ich [ein Ziel/eine Aktion/einen Wunsch] erreichen, um [Nutzen/Ziel] zu erreichen.</p><p>Beispiel:</p><ul style="list-style-type: none">Design Challenge: Redesign der familienfreundlichen Erfahrung am lokalen BahnhofStandpunkt (PoV): Eine Mutter mit drei Kindern eilt durch den Bahnhof, um dann am Gleis zu warten und muss dabei ihre gelangweilten Kinder unterhalten, die bereits anfangen, andere Wartende zu stören.<p>Empathy Map</p><p>Begriff: Empathy Map</p><p>ist eine im Team erstellte Übersicht zu Gedanken und Gefühlen einer beobachteten Zielgruppe</p><div><div><p>Sagen Bestimmte Aussagen oder typische Wörter der Person</p></div><div><p>Denken Typische Gedanken der Person</p></div><div><p>Handeln Typische Handlungen oder Verhaltensweisen der Person</p></div><div><p>Gefühle Typische Gefühle der Person</p></div><div><p>Person Foto</p></div></div></div></div>
Empathize why,who,what,how	<p>why: define why this problem exists, and what exactly it is.</p> <p>who: Who is affected by this problem? represented by persona.</p> <p>what: What is the goal that should be achieved?</p> <p>How: Resources that would solve this problem.</p>
Story board	A visual representation of the problem and the affected people
Persona	The affected group represented by a 'prototype'. It should contain information about age, gender, hobbies, expectations, abilities, wishes and goals, etc.
Check your findings	<p>The next step is to double check your findings with the prototype to the real world. Conduct interviews, record videos, etc.</p> <p>It is important here that you only listen and ask. Never make any assumptions, it is your goal to check whether or not your prototype matches the actual people.</p>
Redefine the Problem	It is now time to properly define what the problem is according to your findings. Therefore use a Point of view -> see picture above
Why-how ladder	<p>Step 1: Define clear needs of a user. Step 2: Ask why a person might have these needs. Step 3: Ask this question again about the found reasons.</p> <p>Step 4: How can this need be resolved?</p>
Finding of ideas	<p>Collecting: collect as many ideas as possible. Evaluate: rank these ideas on the viability, feasibility and Desirability (see previous pages)</p> <p>Prioritize: Define the idea, or combined idea to be used. Make sure the idea is not too complicated, as it might otherwise be difficult to implement.</p>
Prototypes	<p>These help you get the idea of whether or not you are creating what you wanted to create. A prototype should be efficient, low cost, fast to produce and meaningful.</p> <p>Especially the last thing is hard, as prototypes are often not representative of the final product.</p>
Testing	<p>Conduct tests with potential users. Keep it as real as possible, don't overexplain, try to act as if this is a real product.</p> <p>Take feedback into consideration, be sure to understand questions and feedback properly.</p>
Minimal Viable Product	<p>This is the product that fulfills every important part of the product. However it might be 'rough around the edges.'</p> <p>The MVPs goal is to see if this product makes sense to continue developing as it is. Or if you perhaps need to work on core functionality.</p> <p>MVPs can also be used in ad-campaigns, interviews, explanation videos etc. Everything to get the feedback to this MVP.</p>
Design thinking positives	Development of better solutions, lower risks and costs, incorporation of employees, learning by interaction, improvements through feedback
Principles of Design Thinking	<p>1. all design activities are social, 2. the design thinking process must be vague</p> <p>3. Each design is a redesign, 4. Simple ideas ease the conversation</p>

Value Proposition	<p>The promise of a company that product x does y based on price z.</p> <p>The expected functionality is the customers "job-to-be-done". This job to be done has issues and improvement opportunities -></p> <p>Schmerzpunkte und Verbesserungspunkte</p>																				
Value Proposition-Design	<p>(Leistungsbeschreibung der eigenen Lösung) how does your solution compare to others?</p> <p>(Schmerzlinderer) how does your solution ease the difficulty associated with this problem?</p> <p>(Nutzensfitter) How does your solution help users get "their job done"</p>																				
	<div><div><p>Canvas für Wertversprechen</p></div><div><p>Beispiel: Customer Journey</p></div></div>																				
Customer Journy	<p>The entire process of buying or subscribing etc. to a service.</p> <p>The customer journey has so called "Touch Points" which are interactions between customer and company</p> <p>Each of those can have (Schmerz- und Verbesserungspunkte)</p>																				
Customer Experience (CX)	experienced customer value + quality of customer journey + ...																				
Customer Experience Management (CXM)																				
Entrepreneurship	The process of identifying, evaluating, and using possibilities in the economy.																				
Startups	4 things you need: Idea -> (a prototype, feedback) , Network -> personal relations, Support -> mentors, change in attitude.																				
	<table><tr><th>Pitch-Format</th><th>Dauer</th><th>Besonderheit</th><th>Anlass</th></tr><tr><td>Value Prop Statement</td><td>1 Satz</td><td>«Wir helfen X dabei, Y zu tun, um Z zu erreichen.»</td><td>Mögliche Einleitung für alle Pitch-Formate. Geeignet, um unter hohem Zeitdruck ein erstes Interesse zu wecken.</td></tr><tr><td>Elevator Pitch</td><td>Bis zu 2 Min.</td><td>Nur wichtige Punkte wie Problem, Produkt, Markt, Team oder bisherige Erfolge</td><td>Pitch Events und Demo Days. Es geht nur darum, Interesse zu erwecken.</td></tr><tr><td>Event Pitsch</td><td>4 – 10 Min.</td><td>Basis-Präsentation mit allen wichtigen Informationen.</td><td>Pitch Events und Demo Days.</td></tr><tr><td>Investoren Pitsch</td><td>10 – 15 Min. 20 – 30 Min.</td><td>Mehr Details und Zahlen mit Nachfragen, oft eher Gespräch als Präsentation.</td><td>Meist Investoren-Meetings</td></tr></table> <div><div>Idee entwickeln</div><div>Idee testen</div><div>Namen geben</div><div>Formal gründen</div></div> <div><div>Team aufstellen</div><div>Markt erforschen</div><div>Businessplan</div><div>Durchhalten oder Aufgeben</div></div> <div><div>Hilfe suchen</div><div>Investoren</div><div>Überzeugen</div><div>Bekannt werden</div></div>	Pitch-Format	Dauer	Besonderheit	Anlass	Value Prop Statement	1 Satz	«Wir helfen X dabei, Y zu tun, um Z zu erreichen.»	Mögliche Einleitung für alle Pitch-Formate. Geeignet, um unter hohem Zeitdruck ein erstes Interesse zu wecken.	Elevator Pitch	Bis zu 2 Min.	Nur wichtige Punkte wie Problem, Produkt, Markt, Team oder bisherige Erfolge	Pitch Events und Demo Days. Es geht nur darum, Interesse zu erwecken.	Event Pitsch	4 – 10 Min.	Basis-Präsentation mit allen wichtigen Informationen.	Pitch Events und Demo Days.	Investoren Pitsch	10 – 15 Min. 20 – 30 Min.	Mehr Details und Zahlen mit Nachfragen, oft eher Gespräch als Präsentation.	Meist Investoren-Meetings
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Pitch	Problem,Solution,Service/Product,size of market,business model,competition,what we do different,marketing-plan,team-slides,milestones																				
Business model 2.0 (Geschäftsmodell)	The qualitative description of the business logic -> canvas. How, what, why, etc																				
Financial Model	Expected income, costs, etc. prognosis for future																				
Business Plan	<p>Describes the Servies/Products, risks involved and chances for the company. It also answers these questions:</p> <p>What is the vision? For what does the company stand?</p> <p>How should the company hold itself in public? Who is the target audience?</p> <p>How big is the market? How much income can we expect?</p> <p>How are the channels organized? (how do we sell etc.) How are the financials?</p>																				
exploring the market as a startup	<p>Because a startup starts at 0, it needs to find a place between the market expectations and the new ideas it brings.</p> <p>Usually startups have to act more conservative with ads as they are not that 'wealthy' yet.</p> <p>The most important thing is to react quickly to feedback, as a startup you can't afford to loose customers already.</p>																				
Investors	Before investors are ready to give you money, you should already have the following: Human Resources -> cofounders etc., Social Resources -> relations etc.																				
Different forms of financing:	<p>Bootsrapping: finance yourself.</p> <p>Creditfinancing: Credit from a bank or similar, hard to achieve, but no string attached other than interest.</p> <p>Crowdfunding: Platform based, often hit or miss.</p> <p>Incubator: Investors that also give you infrastructure -> heavier dependency</p> <p>Accelerators: Investors that buy themselves into the company and heavily direct it, often mentors -> shark tank</p> <p>Founding board: Jury of investors etc.</p> <p>Venture Capital: Professional Company Investors</p>																				