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INSPIRATION

Help and support	Account services
Help and support	Online Banking
Lost and stolen card	Barclays Mobile Banking
Fraud prevention	Barclays Pingit
Find a branch	Digital Eagles
FAQs	
Help centre	
Contact us	

New service channels, such as the web, influences the content of customer service phone calls.



Add on services, such as a personal shopper, changes interactions in the shop.

New technology have ripple effects on service processes.

A visual tool to create common ground for service design rationale

Suggesting to use a visual language that makes it easier to see consequences of PSS development projects and to build user centered design rationale

RESEARCH INTEREST

As companies more often than before are dealing with Product Service Systems, the complexity and dependencies between development projects are increasing. How can a simple visual representtation help to coordinate user-centered development efforts?

3 THE VISUAL LANGUAGE

BASIC LANGUAGE COMPONENTS

The visual language currently maps what may be viewed as the journey of the customer through the service, with touchpoints, channels and devices, actions, decision points and actors. Other standardized techniques, such as service blueprints, mainly highlight operations and management of service processes. Customer journey mapping is a non-coherent technique, and highlights the customer experience throughout the process. The visual language seeks to express in a systemic and processual manner how products and services through co-creation direct a service process. RATIONALE FOR THE LANGUAGE

A visual language that model the product service systems throughout a company, need to use a coherent set of symbols. The language should provide support for managers in 1) making initial choices on areas of development based on the PSS as a whole, and 2) to make choices between areas on equal footing, regardless of whether the different areas have different balances between their product and service content, and 3) making decisions based on analyses of consequences. The language thus should make it possible to quickly redraw a PSS based on a suggested development project. With a coherent documentation of the company's PSS offerings, it should be easier to make informed decisions, and to inform about possible development decisions.

Developing a visual language that

maps product-service systems has

to give overview to share systemic

create common ground. However,

connections between entities, and to

visual languages that tries to capture

complex and systemic phenomena,

details that are not needed for the

purpose of the language, or to focus

run the risk of trying to capture

so much on the visuals that the

strength of the language becomes

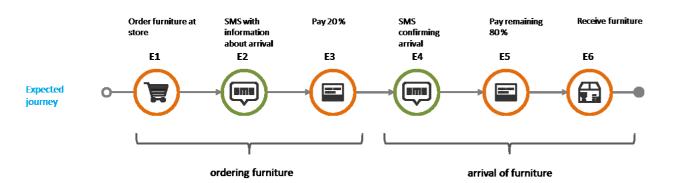
drawbacks. Visual languages are good

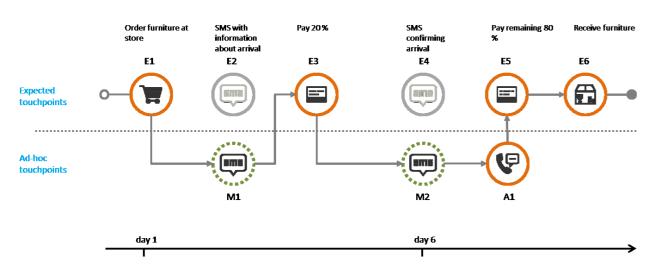
EXPECTED CUSTOMER JOURNEY

The top figure below shows the service as intended, the so called expected customer journey for a service performance. When suggesting changes to parts of the PSS, the consequences can easily be discussed and kept track of with this representation.

ACTUAL CUSTOMER JOURNEY

The bottom figure below shows the service as it happens, the so called actual customer journey. This representation gives the possibility to suggest changes of the PSS based on how the service actually plays out, above the ideal views captured in the expected journeys.





M1: Customer does not receive SMS with details about the arrival of the furniture. M2: Customer does nor receive SMS stating that the furniture has arrived. A1: Customer calls furniture store to get information about the arrival of the furniture.

5 COMMENTS AND FURTHER STEPS

Defining a joint language in an organisation is only the first step. The next step would be to find a process to start working with the language as a common tool. One way of doing this is to start mapping the most central productservice systems that the organisation offers, and to start using the maps as tools in change management processes, in requirement definition processes and in project prioritization.

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