System Footprint 4.2

Designed for:

Designed by:

Date:

Iteration:

Interfaces

very good source: the System Context
the external Interfaces of the System
  physical or logical
to other technical Systems
to Human Beings

Key Functions

Key Functions derive from the USecases
They can be requested by several Usecases
Key Function can be distributed to several
  Components

Key Use-Cases

How will the end user use the system?
What are the usage traps for other
  stakeholders (service, marketing, ...)?

Key User

Customer

Stakeholder

Who is the user?
Are there several User Groups?
End User, Retailer, xxx, Business Manager

Value Proposition

What is the Use of the System to the CuEnd User?
Are there additional value propositions beside the main one?
Why shall the End User buy the product?

!!! Don't destroy this at all !

Key Components

System wird nicht auf dem nichts entwickelt
Systemdesign wird aus bestehenden Komponenten oder Baugruppen
  gebildet
Existiert ein Baukastensystem?

Key Deliverables

How is the product delivered?
Variants: Basic, Premium
Sample stands: A-, B-, C-Sample
What Scopes (sets) are planned?

Technical Constraints

ISO 25010
RAMTS (Reliability, Availability, Maintainability, Testability, Safety)
not negotiable technical Constraints of the Client
Example: Beispiel: supply voltage, size, weight
--> non-functional requirements

Stakeholder Constraints

Regulatory requirements and laws
internal guidelines
standards, laws, regulations, CI/CD
requirements from production, service, maintenance
--> non-functional requirements

Bjorn Schorre, 2022

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