Human Computer Interaction

Chapter 7: Analysis

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Summer Term 2024

Analzying the Requirements and Understanding the Design Space

What do we need to Analyze?

In the **Analysis** everything that has a potential impact on the solution should be accessed and investigated.

Most importantly we have to look at

– Users and their **strengths** and **limitations**

– **Requirements** imposed by the tasks that are to be supported

– The available **options** for the implementation of a system (e.g. technologies)

– The **border conditions** for development and deployment (time, money, …)

https://www.sellerlogic.com/de/blog/mit-diesen-5-amazon-analyse-tools-sparst-du-zeit-geld-und-nerven/

Overview

Machine Learning and Data Analytics Lab (MaD) in Erlangen

Factors that influence the User Interface

Relevant factors in the analysis

What
do we need
to analyze?

Goals of the project

Goals

People involved in the operation of the system that is to be build

People

Processes that are improved, changed, or replaced

Processes

Economic constraints

Economic Constraints

Organizational constraints and company/customer policies

Org Constraints.
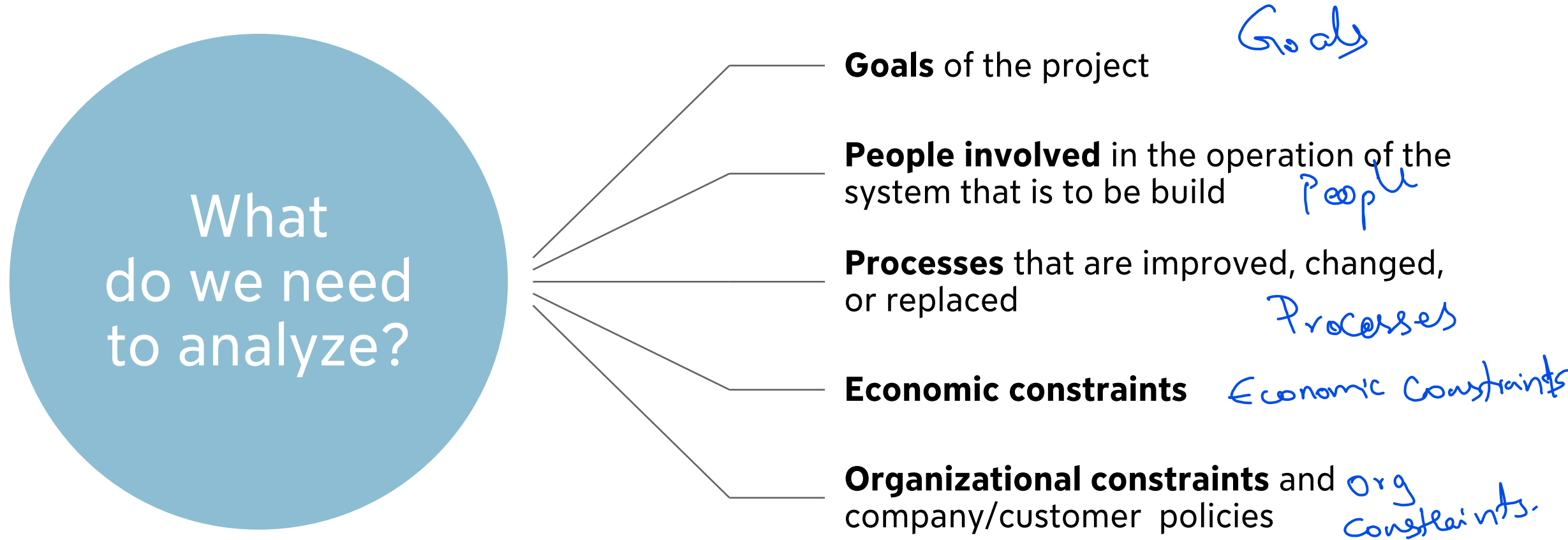
Usually there is a trade-off between different factors