

Case Study Alignment of Business and IT

Objective

The objective of this work is to create a case study that describes the business transformation of an Enterprise for the alignment of business and IT. Thereby you will gain experience in the application of the methods and techniques that we deal with in the lecture. The case study should provide a coherent and consistent description of (part of) an enterprise.

The enterprise architecture to be developed within the case study is for the University of Camerino. In the following the term “enterprise” is used synonym for the University of Camerino.

Scenario

The case study shall be in the context of a transformation project. This is a usual way enterprise architectures are developed and adapted. Typical transformation projects are the re-organization of the company, the re-engineering or digitalization of a business process, the implementation or migration of an information system.

It is not the intention of the case study to cover UNICAM completely. While the business model should be for the whole university, the transformation project should be for the reaction on the earthquakes in 2016 with a special focus on the use of IT for dealing the challenges could by the damages.

Group Formation

The work has to be done together by two students. An individual work is possible, too.

Organisation and Grading

The project is divided into different parts – following the progress of the lectures. The case study follows a step-by-step approach.

1. In the first part of the case study a *short* description of UNICAM should be given and business model should be represented in a business model canvas.
2. In the second part of the case study the goals and strategy for the transformation project is developed and modeled in a business motivation model. It should focus on the reaction on the 2016 earthquake challenges
3. The third part deals with the enterprise architecture according to the business and application layer of ArchiMate.
4. In the final part, the architecture is detailed with a model of the core business process(es) and its business rules and decision model

The lecturers will give coaching during the lectures. Grading will be made at the end for the complete project.

