

## Chapter 1

### Prototype: Title of your prototype

Approximately 2-5 pages in-depth description of prototyping with the technology under consideration. That is, you analyze, design, implement, and test

- a very limited, but functional prototype that utilizes the technology under consideration.

You define your own prototype and the context in which it should function; the list below is for your inspiration.

- Domain Name System: A public school or a medium sized company would like to host their own DNS and/or forward requests to OpenDNS.
- Data Distribution Service: A hospital or a production factory would like to employ Connex DD to distribute mission critical data.
- Java Remote Method Invocation: A company is setting up facilities, e.g. parcel or luggage sorters, abroad and would like to be able to access back-end methods and data at home.

In your analysis you should at least address and/or include:

- Overall diagram and description of the prototype
- Relevance of the technology under consideration to your prototype
- How the technology is included in your prototype
- Definition of a small set of realistic use-cases and related functional requirements

The design, implementation, and test should at least address and/or include:

- Diagrams, e.g. UML, supplemented with code snippets of most important parts
- Test and evaluation of your system: Does it work as intended?
- Evaluation of the prototype and the technology employment as a whole