**Project Architecture**

**Title**

Peer to Peer chatSDK with distributed hash tables

**Student(s)**

Benedikt Kaiser BSc.

**Project Advisor**

Alexander Palmanshofer MSc.

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# Required Modules

< “Which concrete logical modules/units have to be implemented to fulfil the requirements defined in the specification document? Which external functionalities/libraries have to be used to guarantee the fulfilment of the requirements? How are these functionalities interrelated (which dependencies are present)?” – about a page >

# System Architecture

< “Which system components should be present after the realization, and how are these components interrelated? Which existing components are used and how are they connected to the artefact under construction? Which interfaces are used, and which data has to be exchanged over these interfaces?” – about a page >

# Software Architecture

< “How are the defined functional units implemented? Which classes/variables/methods have to be implemented? How are they invoked during runtime/which internal or external triggers (e.g., events) are present? What is the main function? Which language/development environment is used? Which runtime environments are necessary?” – about a page >

# Infrastructural Aspects

< “How are the components of the system architecture connected? Which interfaces/protocol stacks have been defined? Are there additional interfaces (e.g., sensor and/or actuator interfaces to physical processes, HMI, etc.)? Are there any other interactions between components besides information exchange (e.g., energy flows)?” – about a page >