Login and User Management
for Angular and Shibboleth

Bachelor's thesis	12 CP
Project	8 / 16 CP

Angular is a web framework for single-page application, i.e., most business logic resides in the browser not on the server. The server is contact by a REST interface, mainly used to get direct access to the application data. Shibboleth is an authentication technology used also by KIZ to authenticate and authorise web access.

In this work, a simple demo application has to be developed together with a concept for authenticating users and authorisation of their application-logic and REST-based data accesses. Ideally the concept is some sort of library including guidelines, and is tested against the KIZ identity provider. This work includes some basic user management in the application to recognise already known users and attach preferences etc. to it.

Challenges are user-authentication expiry during user sessions and version updates in the backend server during the life time of the single-page application.

Suitable for students with Angular knowledge or willing to acquire it. Supervision and report can also be done in German.

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If you are interested or you need additional details, feel free to contact me or drop by for a non-binding chat.