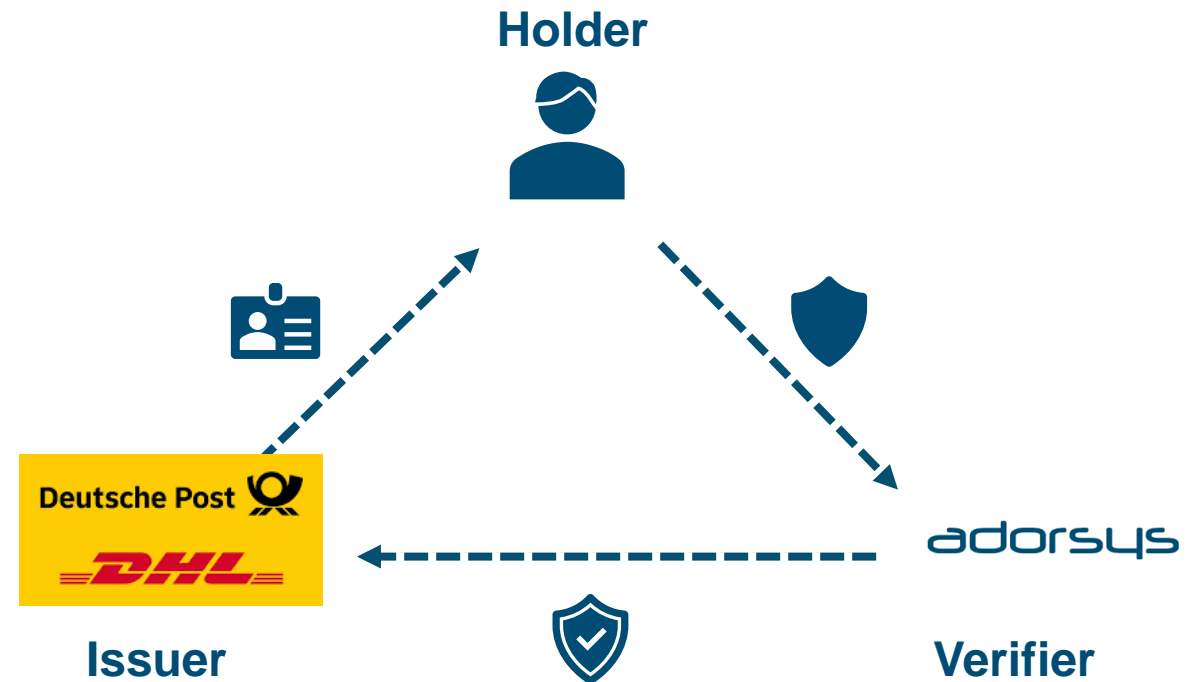# Digital Identity

Overall project goal

Enable adorsys to issue digital employee ID cards based on the Lissi blockchain technology.

In practice

- Build a frontend that offers HR-employees at adorsys to issue digital identities.
- Build a backend that connects the frontend with the Lissi API.
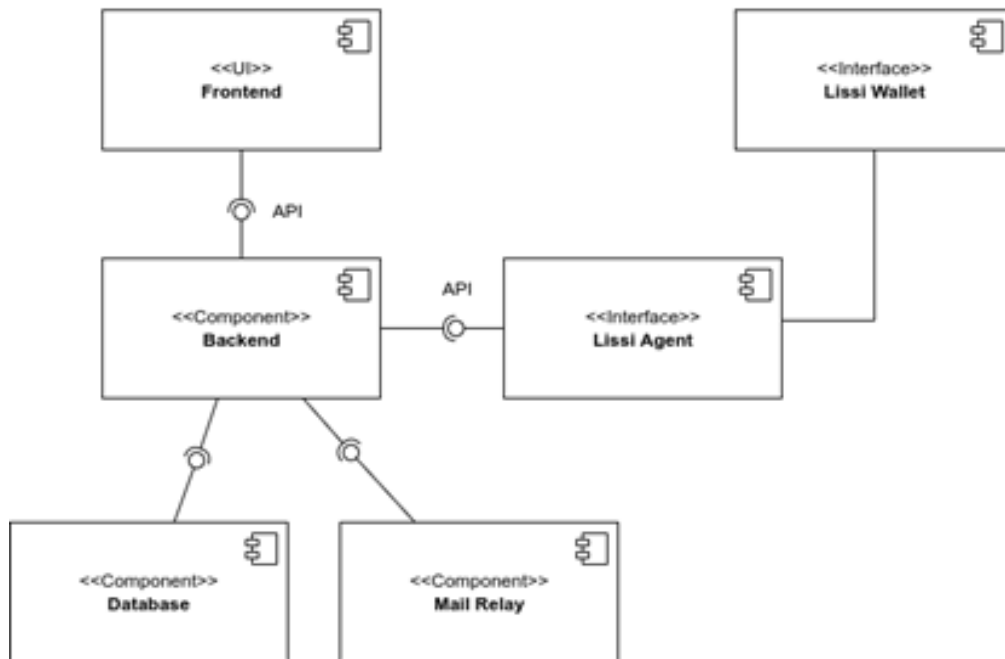- Holder of digital identity can show own employee card via Lissi wallet.

Future

Dynamically issue and verify digital identities and enable smoother interactions across companies.

Digital Identity

Software architecture

Runtime Components:

The frontend communicates with the backend via a REST API.

Technology and tools

Name	Function
Spring Boot Framework	Java based web framework for the backend
Java SE 11	Fundamental platform
JUnit	Java unit testing framework for the backend
Angular (HTML, CSS, Typescript)	Frontend
Karma and Jasmine	Frontend testing
MySQL Community Server	Database
OpenAPI	API development
Docker	Deployment
Lissi Institutional Agent	Lissi endpoint