

Database (Mongo DB)

Cust. Id
Name
E-mail
RFID
Password

Deliver Id
RFID
Password

Dispat. Id
E-mail
Password

Print it
on QR

Delivery ID
Cust ID
Deliver ID
Address
Status

1 person

Box (Python + Raspberry Pi)

- check deliverer/customer RFID
- LED control
- box closing control

2 persons

Communication

Backend (Java + Spring)

- database access, database changes
- generation of a QR-code
- authentication
- email notification

Microservices

3 persons

Frontend (React)

- shows lists of customers, deliverers, dispatchers, deliveries + ability to edit
- shows QR
- authentication page

2 persons

Continuous integration

& deployment

2 persons

= not necessary