Name:

Date:

Duration: 60min

To be able to better assess the applicant and his/her knowledge, the task described in this document is to be implemented at home between the 1st and the 2nd on-site/remote interview. The aim is to understand the applicant's approach and to classify knowledge. The applicant works on his computer and has the opportunity to research online and is free to choose libraries and technologies.

# Check out the git repository



URL:

A Git repository with a docker-compose file is provided at the above URL. This repository is to be used during development and will contain the commits.

# Scenario

Graphical user interface, application, Teams

Description automatically generated

We have a customer who gives us direct access to his database with order data and an API with personnel data. We have no overview of the exact structure of the database and the data we receive from the API.

We want to know: **Which employee is working on which order at a specific point in time?**

We want you to:

1. Create a data model which contains all the relevant data to answer the business question
2. React to changes in the order database
3. Provide an API to access the data

# Presentation

1. General approach
2. Implementation: What was good/difficult/...?
3. Structure and design
4. Detailed technical functionality