Exercise set 1 - Database design

- In this exercise you are going to use appropriate tools for designing a database according to given requirement of specification
- You may use paper and pencil or Microsoft Visio for example to illustrate the first raw version of database schema
- The final version should be created with MySQL Workbench application
- Choose either one of the themes from below:
  - Car repair shop
  - Music events

Requirement of specification

Car repair shop	Music events

Theme: Car repair shop

1. Briefing
   - Car repair shop needs a database for storing data of services, service tools and car parts and accessories. Company has several offices around the country so contact and location information should be stored. In addition, employee (repairmen and salespersons) and customer information must be included. Information from service or fix events will be stored for receipt.
2. Overview
   - First version will not include connections for external systems. All database management will be done locally.
3. Functions
   - **Required**
     - Employee and customer information
     - Service tools, car parts and accessories
     - Services

- Repair shop information for all offices

- Price information for all services and items (tools, parts and accessories)

4. Other properties

- Performance: minimum response time in data retrieval from database (no more than two seconds). Usability: system should be working smoothly and all requirements mentioned in previous step should be included.