## Homework 08 – Data modeling

- 1. Each member programs (write codes) for one more use case following the chosen frameworks / architectural patterns
- 2. E-R modeling
  - a. Map from entity classes to entities
  - b. Map from relationship between classes to relations
  - c. Creat E-R diagram
- 3. Database design
  - a. Choose a DBMS and design the database based on the E-R diagram (it can be either relational or NoSQL)
  - b. Make the detail design for all elements in the database (e.g. tables in relational DB or documents in NoSQL DB)