

Requirements for Software Construction:

- Create a MySQL database with relevant tables for your solution.
 - A description, assessment, and analysis of the database, such as considerations about the design of the database (for example: normalization, used SQL -> DDL & DML, etc).
- A physical layer (EER) diagram.
- A JAVA application which may consist of:
 - Classes, methods, fields, and constructors
 - Control structures such as selection (if / case) and iteration (for / for each)
 - A data structure (Collection).
 - Inheritance and / or Interfaces
 - GUI which is designed for the users.
 - Swing, JAVA FX or Spring Boot
 - Testing
 - Unit testing
 - UX testing
- Your report should also contain:
 - Explanation and description of the program parts that have a particularly complex character (illustrate with the insertion of annotated clippings of your code).
 - Comments within the implemented code.
 - A description of the software prerequisites for being able to run the application, and a guide on how to install, start and run the system.