

Database Systems FS21

Project Coursework (Milestone 1)

Deadline: Sunday, 23 May, midnight

The goal of the first part of your project is to

1. identify an application domain
2. formulate data requirements for this domain by coming up with a list of sample queries
3. draw an ER-diagram capturing these requirements.

In the following, we describe the individual steps in more detail.

1 Identify Domain and Formulate Sample Queries

First of all, think about an application domain that you would like to implement in a database. In order to decide which data is required to realize your database, think about typical queries a user would be interested in sending to your database.

Deliverable: specify ten typical example queries describing your application.

2 Draw an ER-Diagram

Draw an ER-diagram capturing the data requirements of your application. Your application should be non-trivial, i.e., aim at a diagram containing a total of about 12 to 15 entities or relationships (e.g., 7 entities and 6 relationships).

Deliverable: an ER-diagram for your application domain.

3 Deadline and Submission

Please submit your work via e-mail no later than Sunday, 23 May, midnight to helmer@ifi.uzh.ch