

3170 Design

requirement

1. Analyze the requirements of the organization
 2. Identify the relevant entities, attributes, and relationships together with any constraints and properties
 3. Produce an E-R diagram for the database
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Main problem

1. Convert the E-R diagrams to relational schemas (clearly indicating the primary keys, foreign keys, functional and/or multivalued dependencies, as well as justifying that your designs are in good, normalized form)
 2. Populate the schemas with a reasonable amount of realistic data
 3. Produce sample SQL queries on these relations that are used for practical daily operations and activities
 4. Suggest which data fields of the relational schemas should be indexed or hashed, and explain your decision
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Bonus:

1. Produce sample SQL queries on these relations which are of an analytic or data mining nature (this part is optional and carries extra bonus points of up to 8% of the total project mark)
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Frontend:

modify last.

Depends

2 weeks:

first week:

Lzh, Lhh: Main problem 1

Cby: Main problem 4

Hpx: bonus

second week:

Main problem 2,3,

modify the frontend,

PPT

third week:

report

deadline: **5.10**