Correction template lab 1 Databases 2026

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Student2:

Case and evaluation   **max points**

1.1	Is the description of the case satisfying?	0.5
1.2	Does it obey the requirements? (See exercise, step 2)	1

ER-diagram

2.1	Does the ER-diagram match the description?	1
2.2	Are the abstractions (entity, association, ISA) applied well?	1
2.3	Are the associations and ISA's described well (cardinality/participation etc.)?	1
2.4	General impression, other aspects	1

Well known pitfalls:

- The 'main topic', e.g. the company, is an entity set with one entity
- Relational representation used in ER-model
  (e.g. foreign keys in associations)
- Inheritance: attributes repeated in subtypes
- Redundancy by cyclic associations
- Blurring ISA en HASA
- Graphical syntax not strict (e.g. lines between two entity types)
- Graphical syntax should be according to slides, but *minor* aberrations to legenda will be tolerated
- ER-graph is not connected

SQL-DDL

3.1	Is the mapping ER-relational correct/adequate?	1.5
3.2	Are primary keys and foreign keys applied well?	1
3.3	Are other constraints and/or triggers used (not required, bonus)	0.5
3.4	Has post normalization been applied? Are the claims well argued?	1

General impression (1 point)