

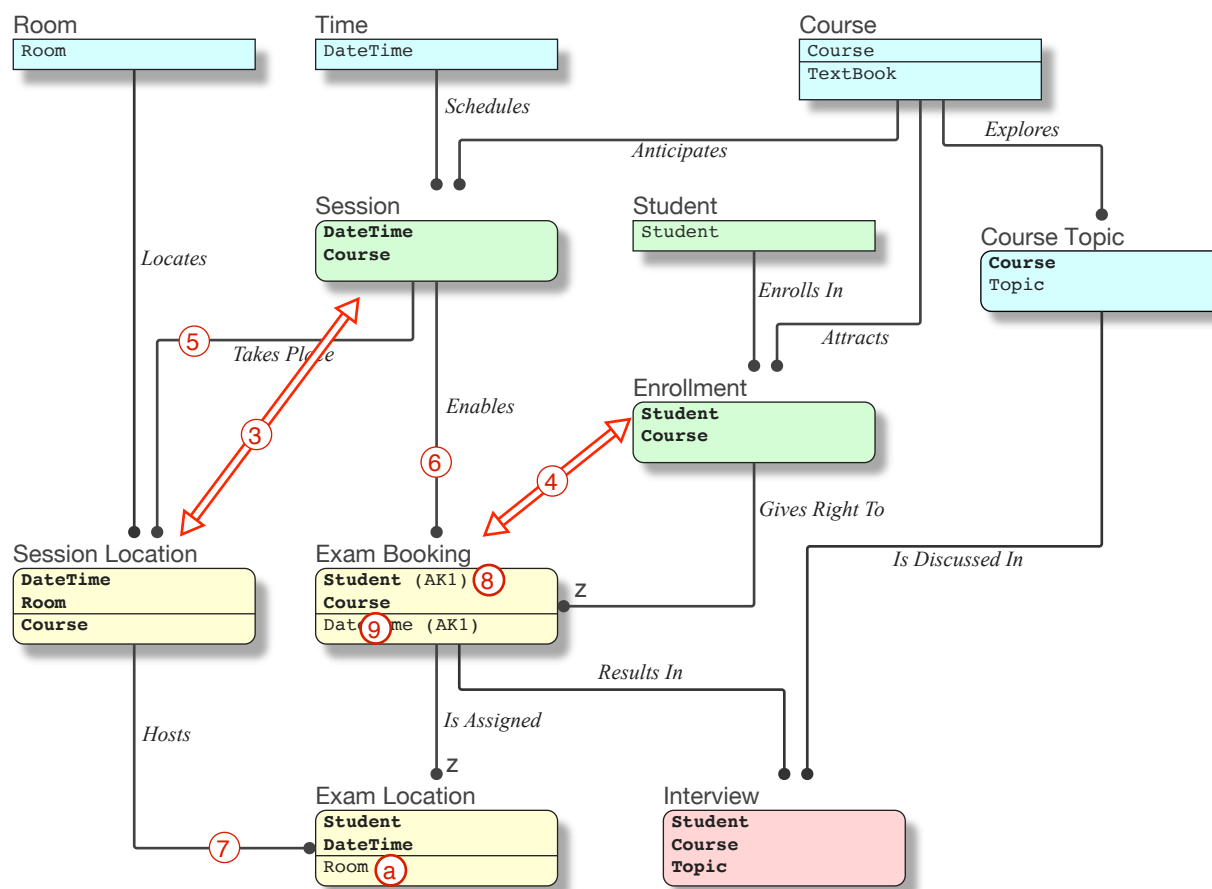
This is a response to Nicola Vitacolonna's submission [DNF Nicola B](#), pictured below. Which in turn refers to Henning Köhler's paper *Domination Normal Form - Decomposing Relational Database Schemas* (search for it, I will not link or cite filth).

In sum:

- This is a good incremental progression from [DNF Nicola A/Data Model/Nicola](#). But unfortunately without reference to [DNF Data Model B](#).
- This increment is more about how to erect a legal (and therefore comprehensible) IDEF1X model, than about modelling the actual data content. Currently the erection errors prevent the comprehension of the data being modelled, the intent of the modeller. Once these errors are corrected, the data being modelled the intent of the modeller, can be evaluated, and a more meaningful response (about the data) can be provided.
- You might obtain some speed in the progress of your education by reading [IDEF1X Introduction](#), rather than by following the standard (which cannot be construed as instruction) as a foundation.

Error • Erection • Overall

- 1 There is no Cardinality in the relations, please add it. Particularly, 1::0-1 must be clearly differentiated from 1::1-n (which is why most people use IEEE notation for relations)
- 2 There is no distinction between Identifying relations [solid lines] and Non-Identifying [dashed lines]. Please correct. This is the fundamental difference between the genuine *Relational Model*, which is Logical, and the freaky thing that the "theoreticians" promote as the "relational model", which is in fact a pre-Relational, physical Record Filing System.



Error • Erection • Specific

- 3 Gross Normalisation error (as opposed to a Relational error). Two tables with the same PK (the same Fact). They can be Normalised into a single table. The relation *Session takes place [at] SessionLocation* is a Descriptor of Session (DateTime, Course), not a separate Fact to Session.
- 4 Gross Normalisation error. Two tables with the same PK (the same Fact). They can be Normalised into a single table. The relation *Session takes place [at] SessionLocation* is a Descriptor of the Fact [Session (DateTime, Course)], not a separate Fact.
- 5 Non-Identifying relation (or Course is missing from the child PK).
- 6 Non-Identifying relation (or DateTime is missing from the child PK).
- 7 Non-Identifying relation (or Room is missing from the child PK).
- 8 Invalid AK designation. Student is AK1.1; DateTime is AK1.2.
- 9 DateTime is a migrated FK, therefore it must be bold.
- a Room is a migrated FK, therefore it must be bold.

Error • Data Model

Due to the erection errors, the data being modelled, the intent of the modeller is not at all clear. Therefore no comment is made.