

Data And Applications

Relational Models (Project Phase #3)

Submitted By:

Team Name: The Chosen Ones

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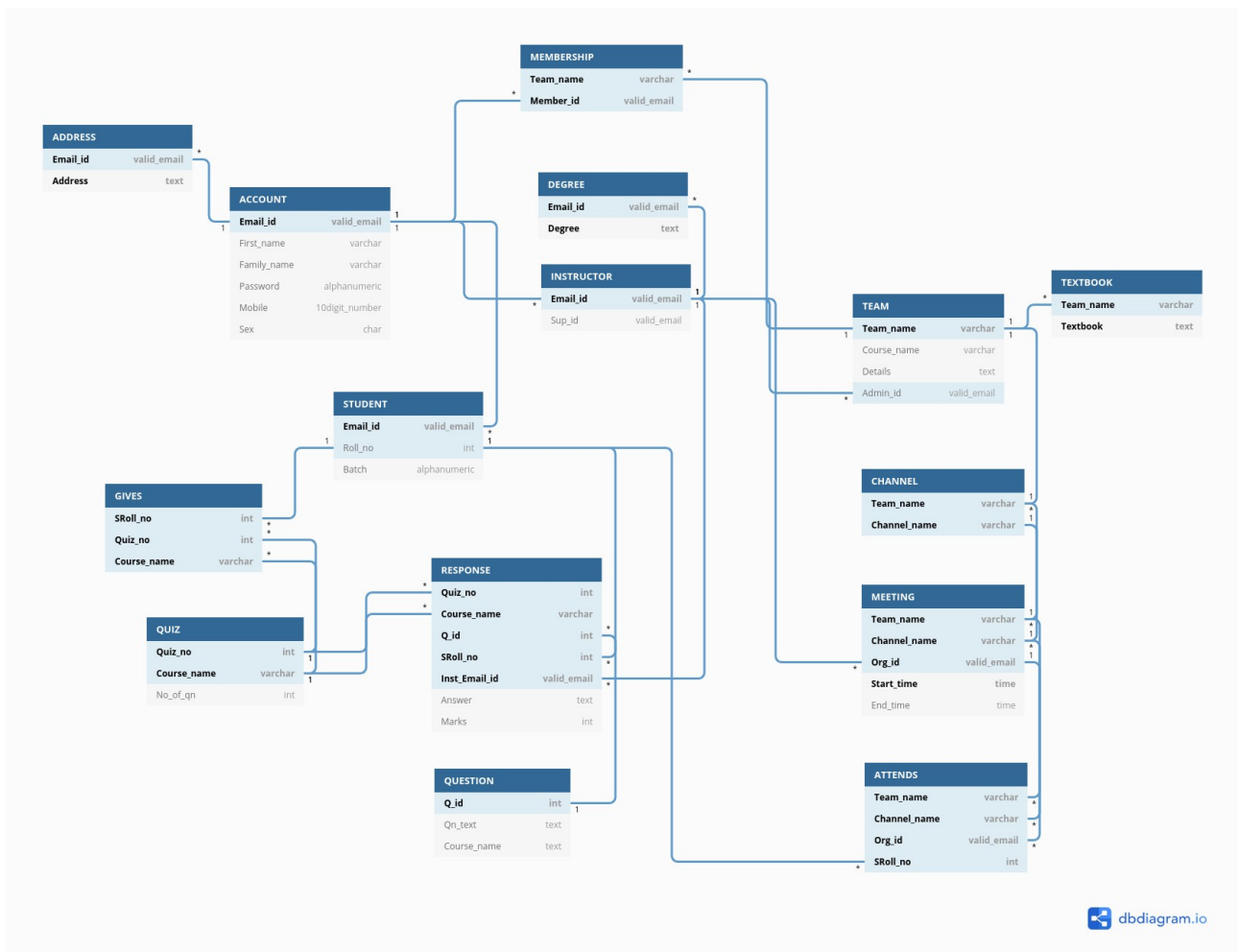
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DfOEP : Database for Online Educational Platform

Snapshot after mapping ER to Relational Model:-

We used the methods given in the chapter 9 of the textbook to map our ER diagram to Relational Model.

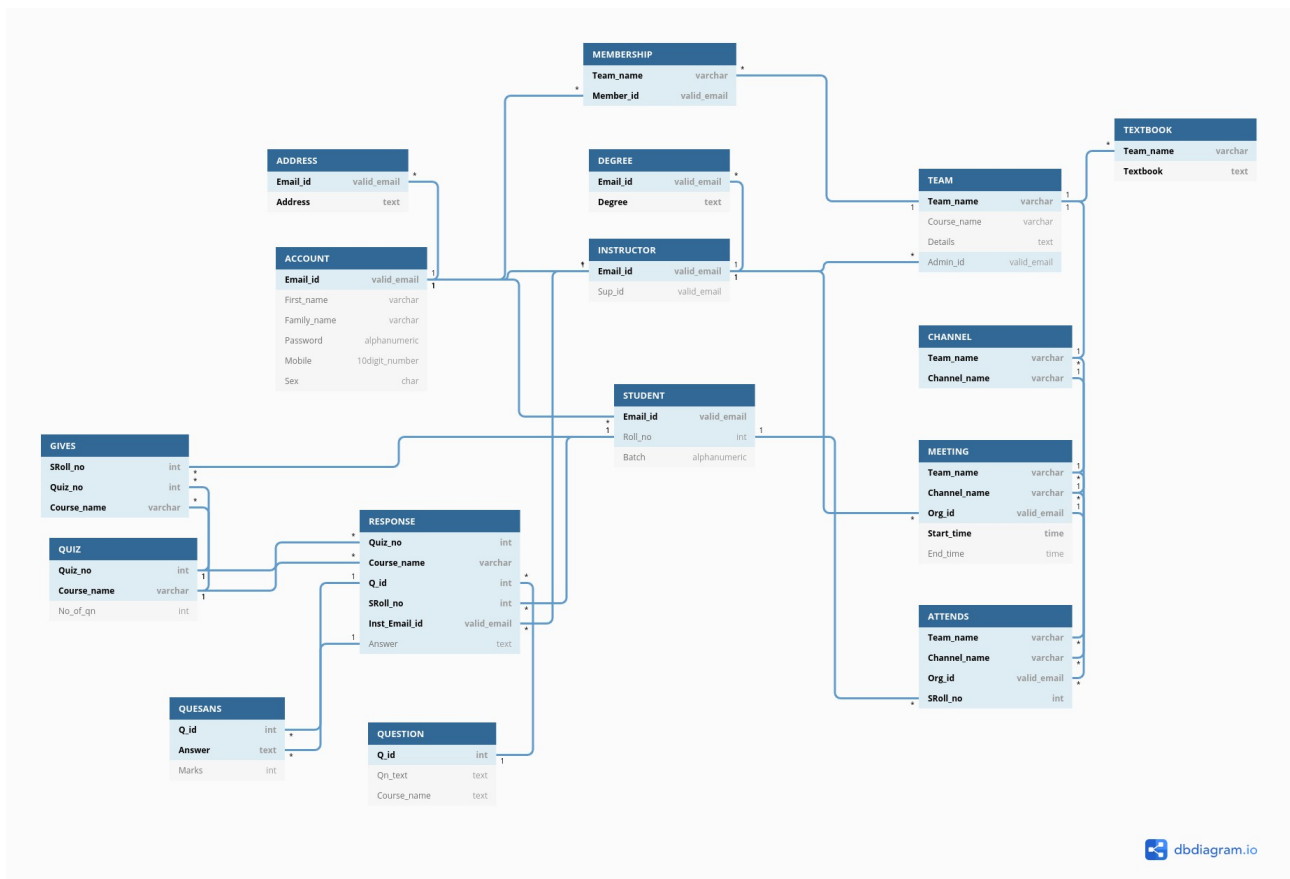


Snapshot after conversion to 1NF:-

If we follow the method given in textbook there is no requirement to change anything for converting in 1NF.

Snapshot after conversion to 2NF:-

Marks allotted to a given answer (only) depends upon the qid and answer provided, hence it has a partial dependency on the primary key and violated 2NF form.



Snapshot after conversion to 3NF:-

The model obtained after conversion to 2NF is already in 3NF as there are not any transitional dependencies in any of the relations, so no change is required.