

Information System - Lab work 9

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Database

- Which normal form does the employee database satisfy?
Employee database satisfies First Normal Form (1NF) since information is stored in relational database with each column containing atomic value and no repeated columns. Meanwhile this database also satisfies Second Normal Form (2NF): The database is 1NF and each non-key column depends on primary keys. The database also satisfies Third Normal Form (3NF) since it is 2NF and there are no columns that are non-transitively dependent on the primary key and you can infer information from other table using foreign keys.

Normalization

- Produce a 3NF of the following Order form document by normalization.

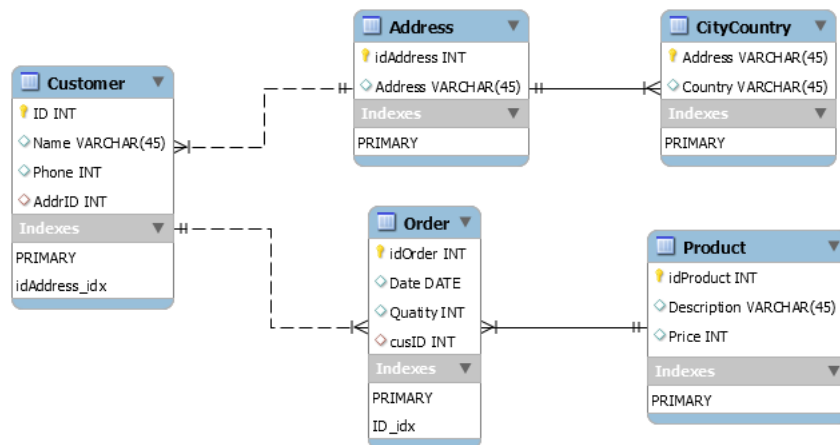


Figure 1: Databases