

The Three-Levels of ER Model

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The levels



Conceptual

Logical



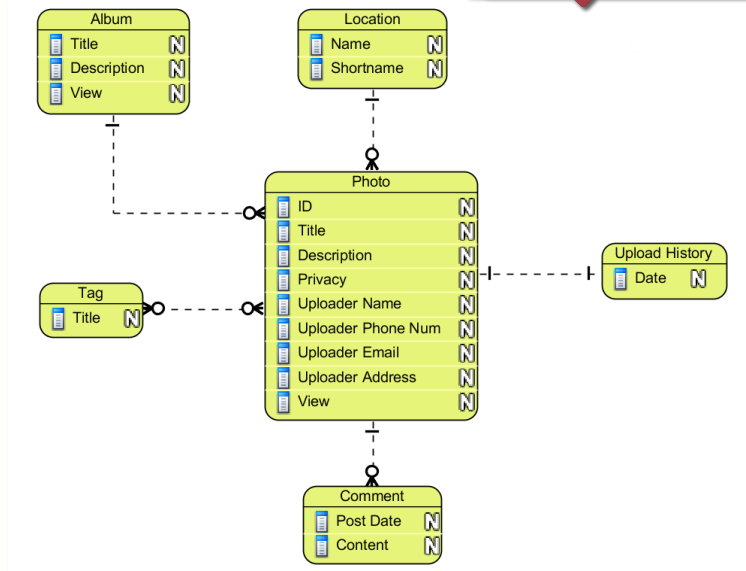
Physical

The Three-Levels of ER Model

Example

Conceptual

Only main concepts and relationships are included

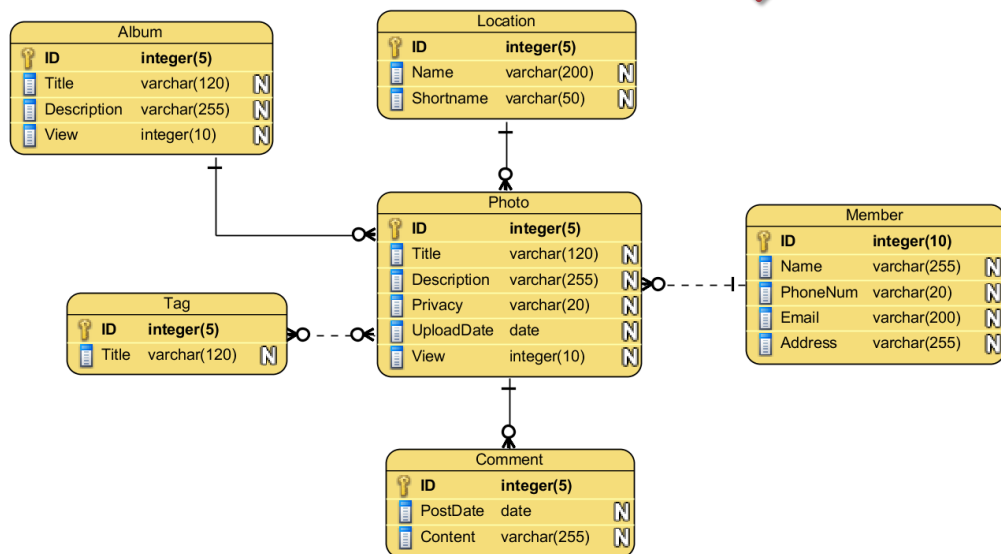


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Example

Logical

With detailed representation of organization's data

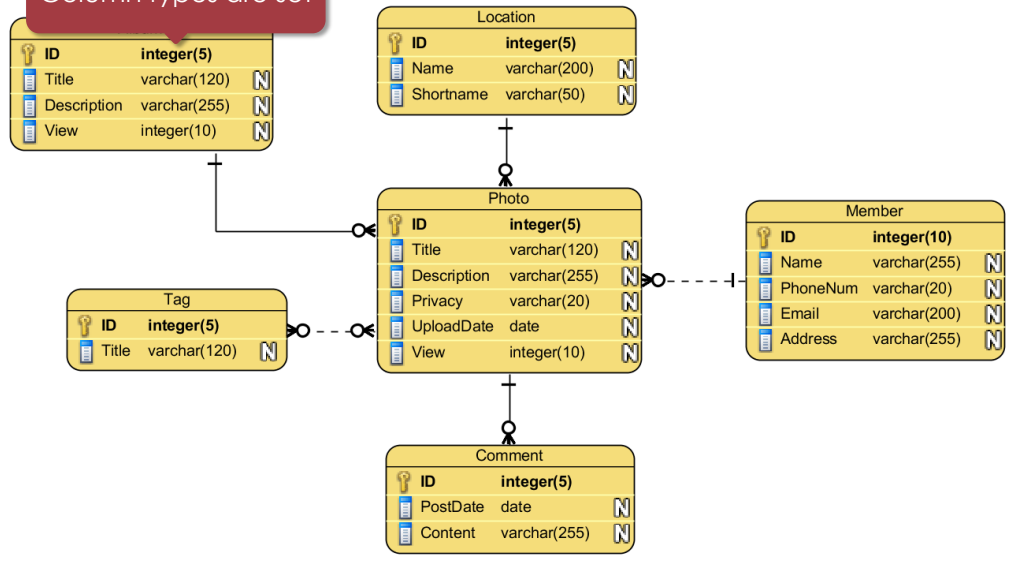


The Three-Levels of ER Model

Example

Logical

Column types are set

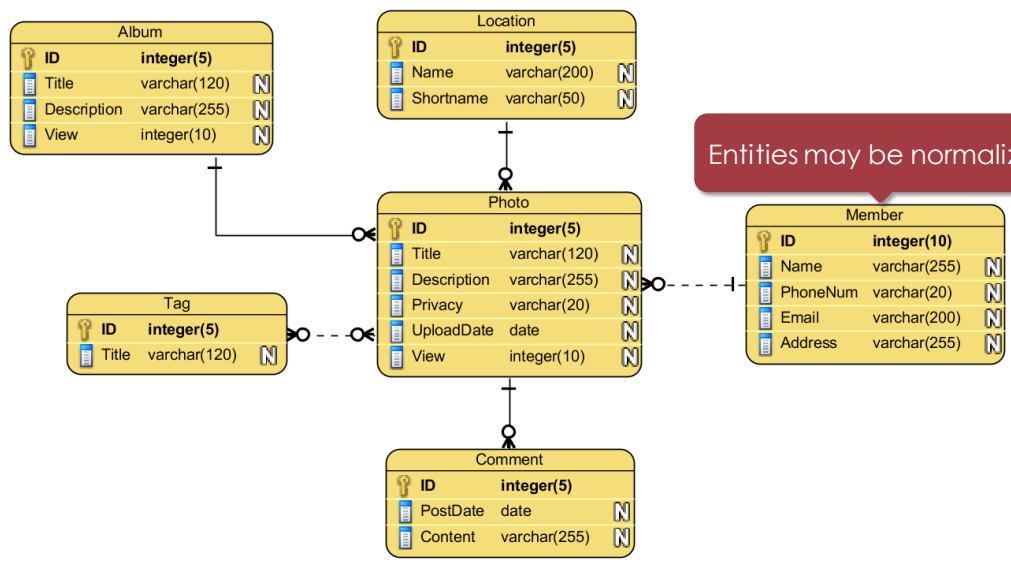


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Example

Logical

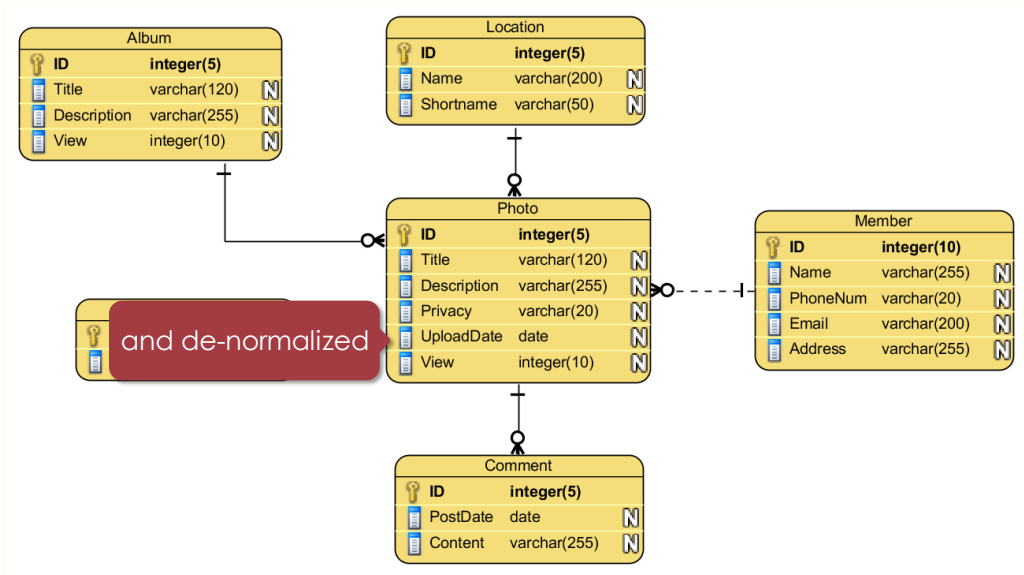
Entities may be normalized



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Example

Logical

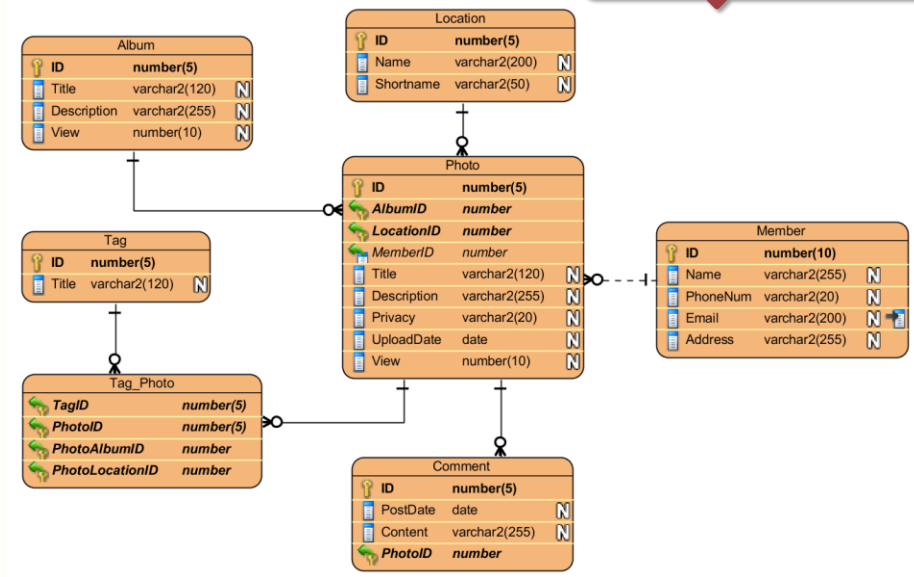


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Example

Physical

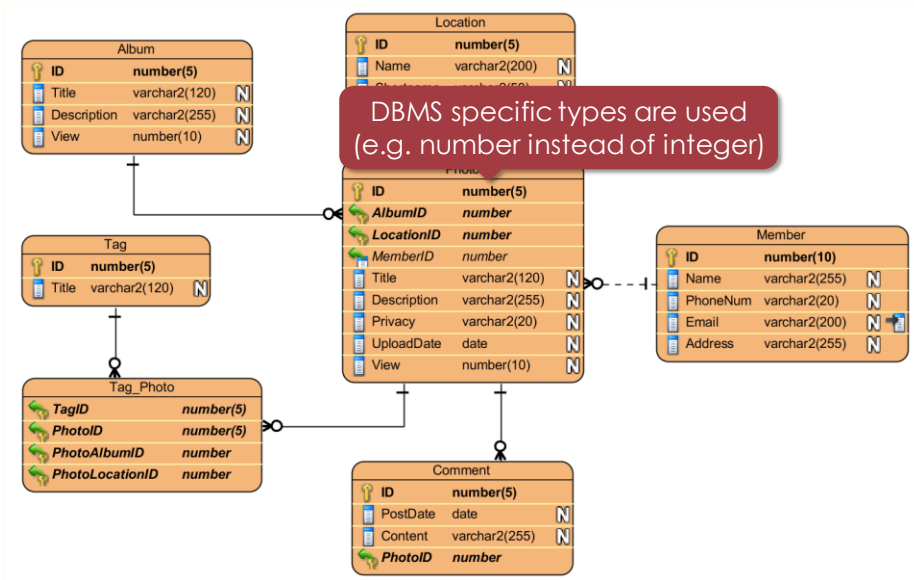
Designed for database creation/maintenance



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Example

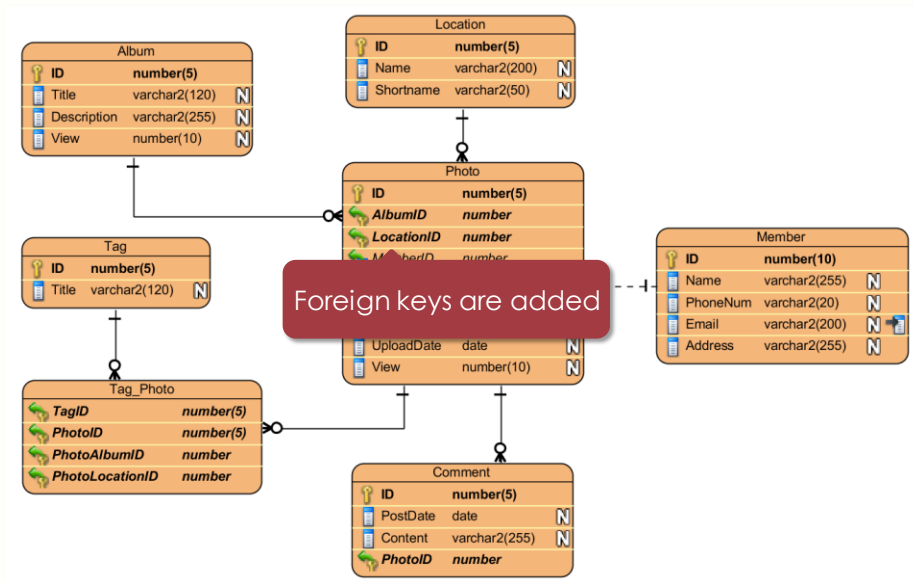
Physical



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Example

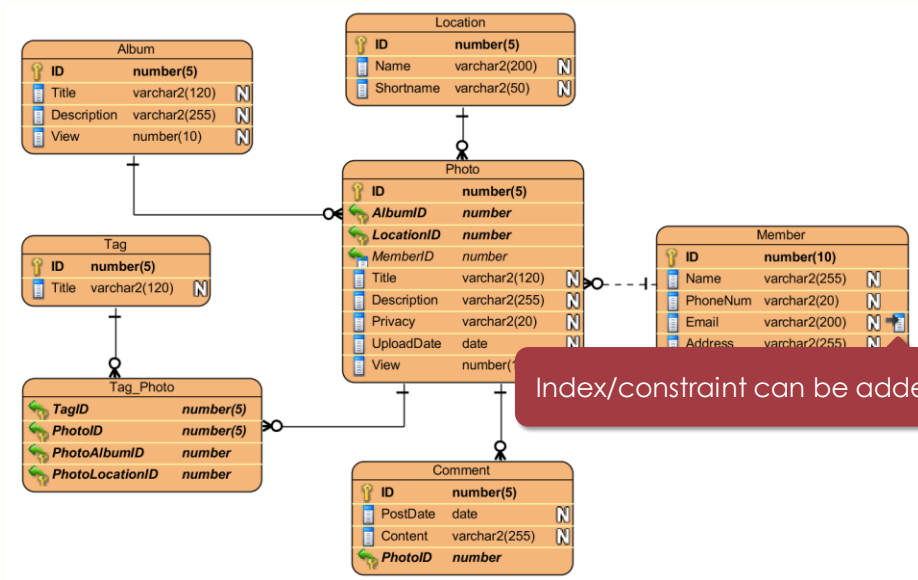
Physical



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Example

Physical

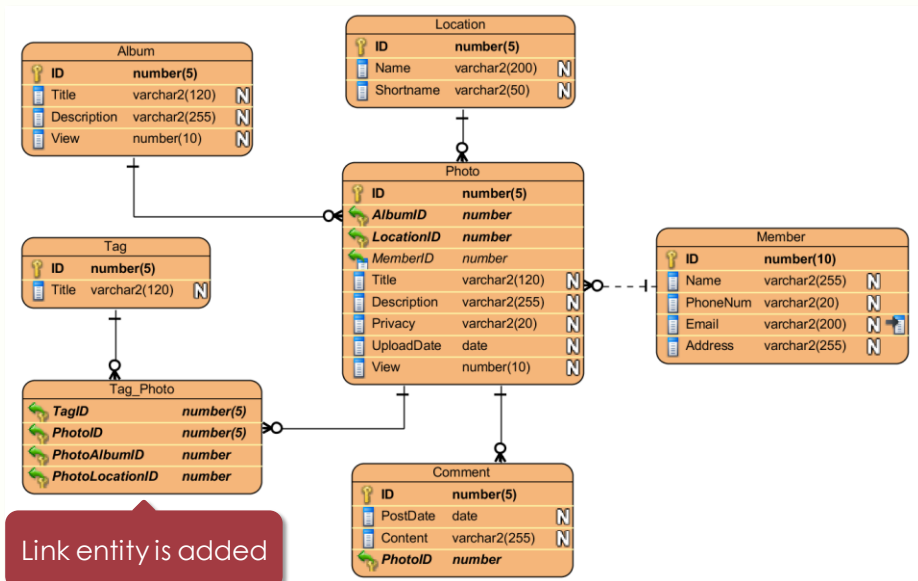


Index/constraint can be added

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Example

Physical



Link entity is added

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Summary

- Overview of the three levels
- Sample ERD of the three levels