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a) Initial phase - characterize fully the data needs of the prospective database users.

Second phase - choosing a data model

Final phase - Moving from an abstract data model to the implementation of the database

b) An entity-relationship model (or ER model) describes interrelated things of interest in a specific domain of knowledge.

A basic ER model is composed of entity types (which classify the things of interest) and specifies relationships that can exist between entities (instances of those entity types).





