I'm not robot

reCAPTCHA

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Transform EE-R diagrams to relations. The main focus of this step is to identify real-world entities and relationships among themLogical design: The second step in the design process is to trans-form the ER or UML design to a relational schema The data modeling component of UML (now UML-2) has a great deal of similarity with the ER model, and will be presented in detail in ChapterWe will use both the ER model and UML to illustrate the data modeling and logical database design examples throughout this book his chapter shows how the ER and UML approaches can be applied to the database life cycle, particularly in steps I through II(b) (as defined in Section), which include the requirements analysis and conceptual data modeling stages of logical database design Define terms for the relational data model. The data modeling component of UML (now UML-2) has a great deal of similarity with the ER model, and will be presented in detail in ChapterWe will use both the ER model Logical database design is the process of transforming (or mapping) a conceptual schema of the application domain into a schema for the data model underlying a particular ChapterLogical Database Design and the Relational ModelObjectives. It is ideal for a stand-alone data management Rev. ed. In the next two chapters we look first at the basic data modeling concepts and then—starting in Chapter 4—we apply these concepts to the database design processConceptual Data Modeling Conceptual data modeling is the driving component of logical database design * result: requirements specification document, data dictionary entriesLogical database design ER modeling (conceptual design) View integration of multiple ER models Transformation of the ER model to SQL tables Normalization of SQL tables (up to 3NF or BCNF) *result: global database schema, transformed to table definitions 3 Rev. ed. Create tables his chapter shows how the ER and UML approaches can be applied to the database life cycle, particularly in steps I through II(b) (as defined in Section), which include the Chapteris devoted to direct application of conceptual data modeling in logical database design. of: Database modeling & design Tobey Teorey, Sam Lightstone, Tom Nadeauth edIncludes bibliographical references (p.) and index Access-restricted-item Pdf_module_version Ppi Rcs_key Republisher_date Republisher_operator associate-jesiemae-lauron@ Republisher_time Scandate Scanner Scanningcenter Thus, the life cycle continues with monitoring, redesign, and modifications. Chapterexplains the transformation of the conceptual model to the relational Characteristics of a Good Database Design Process * iterative requirements analysisinterview top-downuse simple models for data flow and data relationshipsverify Database design refers to the construction of an optimized database logical model and physical structure for a given application environment, and the establishment of the This book is immediately useful to anyone tasked with the creation of data models for the integration of large-scale enterprise data. of: Database modeling & design Tobey Teorey, Sam Lightstone, Tom Nadeauth edIncludes bibliographical references (p.) and index a modeling tool used for designing software systems.