

Michael J. Hernandez

Foreword by Ken Getz



Database Design for Mere Mortals

**A Hands-On Guide
to Relational
Database Design**

Software-independent approach!

IF you develop database applications using

- **Visual Basic®**
- **PowerBuilder®**
- **Delphi**
- **Access**
- **FoxPro®**
- **C/C++**

or any other program, this book can save you time, money, and hours of aggravation—before you write a single line of code!

Database Design For Mere Mortals

Edward Sciore



Database Design For Mere Mortals:

Database Design for Mere Mortals Michael James Hernandez, 2003 The bestselling book on database design is now fully updated and revised

Database Design for Mere Mortals Michael J. Hernandez, 2021-07-27 The 1 Easy Commonsense Guide to Database Design Michael J Hernandez s best selling Database Design for Mere Mortals has earned worldwide respect as the clearest simplest way to learn relational database design Now he s made this hands on software independent tutorial even easier while ensuring that his design methodology is still relevant to the latest databases applications and best practices Step by step Database Design for Mere Mortals Third Edition shows you how to design databases that are soundly structured reliable and flexible even in modern web applications Hernandez guides you through everything from database planning to defining tables fields keys table relationships business rules and views You ll learn practical ways to improve data integrity how to avoid common mistakes and when to break the rules Coverage includes Understanding database types models and design terminology Discovering what good database design can do for you and why bad design can make your life miserable Setting objectives for your database and transforming those objectives into real designs Analyzing a current database so you can identify ways to improve it Establishing table structures and relationships assigning primary keys setting field specifications and setting up views Ensuring the appropriate level of data integrity for each application Identifying and establishing business rules Whatever relational database systems you use Hernandez will help you design databases that are robust and trustworthy Never designed a database before Settling for inadequate generic designs Running existing databases that need improvement Start here

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database Identify and establish business rules Preview and prepare for the future of relational databases Whatever relational database systems you use Hernandez will help you design databases that are robust and trustworthy Never designed a database before Settling for inadequate generic designs Running existing databases that need improvement Start here

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Applications and expanded coverage of XML This book contains elements such as Tips Notes cautions cross references and Troubleshooting information giving the text a Layered quality that meets the needs of readers with different learning styles

Practical Oracle8i Jonathan Lewis,2001 This guide to using the Oracle database shows readers which features work well which features work well together and which features have a serious impact on each other It should allow the reader to build a better database that runs on a less expensive computer

Mastering Data Modeling John Vincent Carlis,Joseph D. Maguire,2001 Carlis computer science U of Minnesota and Maguire a program manager for Microsoft explain to information systems analysts and database developers how to become a successful data modeler Using their own Logical Data Structure for the data modeling notation they describe in detail the process for collecting modeling and documenting data structures and flow They also analyze all data shapes and provide several recipes for applying them They provide no bibliographic references Annotation copyrighted by Book News Inc Portland OR

Database Design and Implementation Edward Sciore,2009 This title takes software developers through database systems while covering the traditional database system concepts from a systems perspective The chapters are organized according to the components of a database starting from low level disk access and ending at the query planner

Database Design and Development Paulraj Ponniah,2003-04-18 The first and only database primer for today s global economy Today s businesses depend on their databases to provide information essential for their day to day operations and to help them take advantage of today s rapidly growing and maturing electronic commerce opportunities The primary responsibility for the design and maintenance of these databases rests with a company s information technology department Unlike other IT resources currently available that tend to focus on a particular product Database Design and Development An Essential Guide for IT Professionals was created to give today s IT directors and other IT staff a solid basic knowledge of database design and development to help them make educated decisions about the right database environment for their companies Today s IT professionals must understand the fundamentals in order to determine their next steps for specializing in the vast field of database technology Database Design and Development An Essential Guide for IT Professionals answers such common questions as What is the purpose of a database system What are the components of a database system What type of data does your company need to capture How do you design a database for a particular goal How do you capture information through data modeling How do you determine which database will best meet your business objectives What s involved in effective database management and maintenance How are database systems used to interface with the Internet With more than twenty five years of experience teaching IT courses and designing databases for some of America s top institutions the author has succeeded in creating an essential resource for today s IT managers as well as for students planning a career in information technology

Metadata Solutions Adrienne Tannenbaum,2002 Introduces concepts for organizing data within a company to make it more accessible and meaningful The author explains where databases went wrong in the 1990s describes metadata based technologies and

standards and illustrates the various implementation options by depicting five distinct metadata solutions for the same problem

The British National Bibliography Arthur James Wells,2007 **Windows Developer's Journal** ,1997 *LLA Bulletin* Louisiana Library Association,1998 **Library + Information Update** ,2004 **UML for Mere Mortals** Robert A. Maksimchuk, Eric J. Naiburg,2005

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