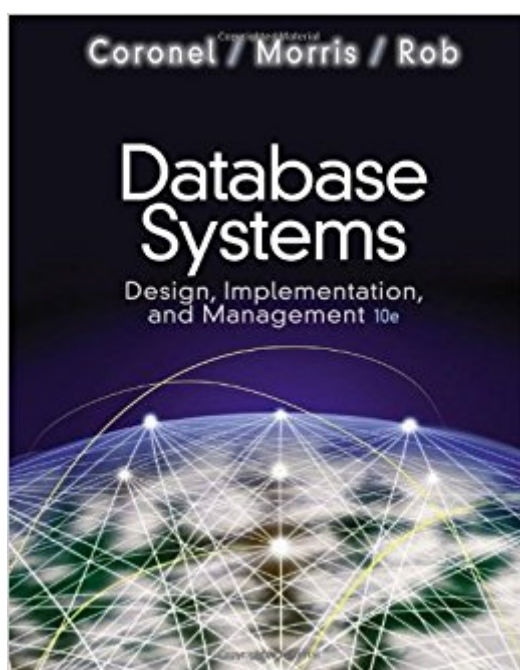


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# Database Systems: Design, Implementation, And Management (with Premium WebSite Printed Access Card And Essential Textbook Resources Printed Access Card)



## Synopsis

Practical and easy to understand, DATABASE SYSTEMS: DESIGN, IMPLEMENTATION, AND MANAGEMENT, Tenth Edition, gives readers a solid foundation in database design and implementation. Filled with visual aids such as diagrams, illustrations, and tables, this market-leading book provides in-depth coverage of database design, demonstrating that the key to successful database implementation is in proper design of databases to fit within a larger strategic view of the data environment. Renowned for its clear, straightforward writing style, the tenth edition has been thoroughly updated to include hot topics such as green computing/sustainability for modern data centers, the role of redundant relationships, and examples of web-database connectivity and code security. In addition, new review questions, problem sets, and cases have been added throughout the book so that readers have multiple opportunities to test their understanding and develop real and useful design skills.

## Book Information

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## Customer Reviews

Carlos Coronel is currently the Lab Director for the College of Business Computer Labs at Middle Tennessee State University. He has more than 29 years of experience in various fields as a Database Administrator, Network Administrator, Web Manager, and Technology Specialist. He has taught courses in Web development, database design and development, and data communications at the undergraduate and graduate levels. Steven Morris completed his Bachelor of Science and

Ph.D. from Auburn University. He has taught courses in Database Design and Development, Database Programming with Advanced SQL and PL/SQL, Systems Analysis and Design, and Database Management at the graduate and undergraduate levels at Middle Tennessee State University. He has many years of experience consulting on a database projects across a broad range of industries. Dr. Morris has published numerous professional articles and has served on the review boards of several journals. Peter Rob has 32 years experience teaching file systems, database systems design, database design, database applications development, and more. Peter's real-world experience includes two years as a Director of Operations at an aviation chart company, 20 years as a consultant for hands-on operations systems analysis/development and database systems design, and 15 years experience as a statistical quality control systems analysis and systems/applications developer.

I was required to buy this book for an introductory class to databases. My classes were entirely online, and the textbook was generally the only source of information given (ex, no lectures or instructor's notes). I have no experience with databases at all, and was looking forward to learning about them. This book is broken into very logical parts, and has a nice amount of "chunking" of information, with call-outs and plenty of diagrams. Props to the graphic designer. It covers a lot of material and tries to give as solid base of understanding for future database developers. It also includes a glossary in the back. The text in the book left something to be desired. New terms would be defined using other new terms, forcing the reader to figure out 2 new terms at once. The book also would start to explain a concept, and then say that it was going to explain the concept further in later chapters over and over. I think the writers are very knowledgeable about what they are talking about, but would have done well to have a great technical writer help them convey that knowledge. Personally, I had to reread sections over and over trying to figure out exactly what the author meant. Eventually, I ended up going and looking up terms on Wikipedia to get a second explanation. Overall, I think this book might be good if you have lectures or other resources in a class to help you understand databases. But on its own, this book has trouble getting all of its messages across clearly.

I like the Kindle book, the price is less than the paper book. You can get the three first chapter for free and buy the whole later. If you buy the entire book it will keep your notes and highlights on the free chapters. I downloaded the free Kindle app on my windows and I can read it from there. I need to be online to read the book. I also bought the Kindle Fire HDX 7" with 4G and WiFi from but have

not used it yet . I don't know if I need to be connected to WiFi to read the book from my Kindle Fire. I can use the 4G any ways, The only problem I faced was I bought the Kindle Paper White first and this book doesn't work on that type of Kindle tablets. I bought that from too along with the case and when I discovered the book does not go on it I returned the Paper White and case and seller refunded me really fast and free return. Also the Kindle free app installs on Android but you can't read this book on android even if you install the app. Overall I like digital books better than paper books. Also as appose to other sellers when you buy Kindle book you will have it forever. Some other non Kindle and non version expire after a while and you lose the book.

There is a LOT of information in this book. Some concepts are pounded into your head over and over and over again. You will spend several pages each on some very basic subjects. Prior reviews are correct about the multiple mentions of NoSQL sans good information about it. I don't feel you'll come away with a real tangible idea of what NoSQL really is. Early chapters focus heavily on diagramming (i.e. Entity Relationship Diagrams, UML Diagrams, etc.). This isn't necessarily a bad thing, but the homework problems are hell when you're assigned several of the problems in those chapters, especially when you didn't yet download good diagramming tools (like yEd, Visio, or Microsoft Access). Overall, you'll learn a lot, but you'll be exhausted by many of the chapters. A few chapters are around 50 pages and take at least two hours each to read. It's not an easy read, and it helps if you already have a basic understanding of databases and what they do.

This is a well-written text that covers nearly all the key concepts in database systems from design through implementation. It covers not only basic databases like MS Access, but also includes some coverage of more advanced systems like MySQL. The author does a great job explaining concepts like the value of design of databases, the impacts that changes later will have, etc. I've got years of experience with databases and this text was for my son who is in college, and I found myself reading it many times due to the quality of the material. If you buy this for a class, I'd urge you to keep it afterwards - it's an excellent reference material for your bookshelf.

The only upside is that subject material is easy to find through the search option. That being said, why are we still teaching professionals to begin with an inadequate database design, and then perfect it? If you have absolutely no idea how to construct a database and have never worked with one, you'll probably like this book. For those with experience, there's too much mundacity and aggravatingly simple examples. There is little in terms of security, which is arguably the most

important aspect of building and running a database. The phrase "need to know" is everywhere in IT security, but you won't find it in here. Instead, you'll get a long-winded explanation of who needs what information, without ever learning how to secure your data.

Good text. It was a little dry at times, but they covered every detail quite well. Some of the information seemed slightly dated to me. I bought this used, but I still received the access code for the online portion and the online portion wasn't very helpful.

Needed it for a class. Never read it outside when I had to do an assignment from it.

I rented this but had to drop class. I tried an online class and found the professor too hard to follow without spending more time on campus than online with a tutor. So an honest review is not applicable here. For the first two week of reading it was easy to read and understand but I won't know for sure until next semester when I rent it again with a different professor.

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