

BUSINESS INFORMATION SYSTEMS

Systems Engineering for Business Managers

Prithwis Mukerjee



Structured as a dialogue between an expert and a novice, this book leads the reader through the technology issues and management processes that are crucial for the successful deployment of information systems.

The book focuses on what is minimally sufficient for a practicing manager and yet provides enough details for creating and deploying web-based applications without the help of professional programmers.

Prithwis Mukerjee is an engineer from IIT, Kharagpur and has done his Masters and PhD in Management Science from the University of Texas at Dallas, USA. He has worked in Tata Steel, Tata IBM, PricewaterhouseCoopers and IBM. He is a founder member of the India Council of the Association of Computing Machinery, USA, the premier professional body for computer scientists and a life member of the Computer Society of India. Dr. Mukerjee currently teaches systems related courses to management students in two business schools – Praxis Business School, Calcutta and Vinod Gupta School of Management at IIT, Kharagpur.

KEY FEATURES

- An unusual but unique and equally effective interaction structure between an expert and a novice has been maintained throughout the book.
- Readers should be well acquainted with the technology issues and management processes that are crucial for the successful deployment of information systems.
- Provides enough details so that the readers may themselves create and deploy web-based applications without the help of professional programmers

CONTENTS

- 1 Systems Architecture
- 2 Data Modelling
- 3 The Physical Data Model
- 4 Introduction to SQL
- 5 Developing Applications
- 6 Introduction to Objects
- 7 The Development Process
- 8 Quality Standards and Contracts
- 9 Packaged Applications
- 10 Web 2.0: Perspectives & Potentials