

| | |
|-------------------------|--|
| 1. Record Nr. | UNINA9910455791203321 |
| Autore | Bell Simon <1957 July 30-> |
| Titolo | How to Set up and Run Information Systems : A Non-Specialist's Guide |
| Pubbl/distr/stampa | New York, : Routledge, June 2003 Florence, : Taylor & Francis Group [distributor] |
| ISBN | 1-280-47589-7 1-84977-159-6 1-136-56393-8 9786610475896 600-00-0270-X 1-4175-2216-X |
| Edizione | [2nd ed.] |
| Descrizione fisica | 1 online resource (239 p.) |
| Disciplina | 004.21 |
| Soggetti | System design System analysis Electronic digital computers Electronic books. |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | How to Set Up Information Systems A non-specialist's guide to the Multiview approach; Copyright; Contents; List of Figures and Tables; Preface; Acknowledgements; List of Acronyms and Abbreviations; Introduction to the Book; Purpose; Tools and methodology; Structure; Chapters; Appendices; Glossary of buzzwords; Suggested reading and references; CHAPTER 1 Information Systems and Organizations; Introduction; Information systems: A catalogue of failures?; Conclusions; Exercise; CHAPTER 2 What is Systems Analysis and Systems Design?; Introduction Basics of a systems analysis and systems design methodology Example of a systems analysis and systems design methodology in action; The reductionist; The systemic; What is the research approach and methodology of this book?; Conclusion; Exercise; CHAPTER 3 The Role of the Systems Planner or Systems Analyst; You the analyst: First |

thoughts; The history of the analyst; You the analyst: Second thoughts; Present reflection and self analysis; Reflecting on the development of the analyst; Conclusions; Exercise

CHAPTER 4 Terms of Reference and Selecting our

Planning/Development Tools: Sequence and Schedule

The reality of analysis: Terms of reference; Understanding the information

environment: Information audit; The context of an analysis

methodology: Selecting the right tools; The soft systems approach;

Information modelling; Social and technical requirements; Human-

computer interface; Technical aspects; Ways of using Multiview;

Conclusion; Exercise; CHAPTER 5 What is the Problem? The Human

Activity System: Making a Model; Introduction to the human activity

system; The rich picture; Preparation

The primary components of the rich picture: Structures

The primary components of the rich picture: Processes; Putting together the rich

picture; The root definition; Introduction; Three examples of CATWOE;

The new system (in concept); Introduction; Conceptual model/systems

model; Conceptual model: Main activities for the information system

project; Systems model: Main systems involved in the information

system; Final considerations; Conclusions; Exercise; Part 1: The human

activity system phase; Part 2: On root definitions and systems models;

Part 3: Developing a systems model

CHAPTER 6 Information Modelling: Making a Workable

System

Introduction to information modelling; Entities, attributes,

functions and events; Entity models/tables; Attributes; Functional

decomposition; Double checking on entities and functions; Events;

Tying it all together; Conclusions; Exercise; CHAPTER 7 Technical Needs,

Social Needs: Getting the Right Balance; Introduction to socio-technical

systems; Predict future environment analysis; Outline social and

technical objectives; Social objectives of the proposed information

system; Technical objectives of the proposed information system

Generate social and technical alternatives

Sommario/riassunto

Annotation