Preface ................................................................................................................................. xi
  About the book .................................................................................................................. xiv
  Acknowledgments ........................................................................................................... xviii

Chapter 1. Introducing User and Task Analysis for Interface Design ................................. 1
  What is this book about? .................................................................................................. 3
  What is interface design? ............................................................................................... 5
  What makes an interface usable? ..................................................................................... 6
  What is user and task analysis? ....................................................................................... 7
  When should you do user and task analysis? ................................................................. 8
  Why do user and task analysis at all? .......................................................................... 11
  Why isn't this done all the time already? ..................................................................... 13
  Where does user and task analysis come from? ......................................................... 14
  References cited in the chapter ..................................................................................... 19
  Other books and articles for further reading ............................................................... 19

Part 1. Understanding the Context of User and Task Analysis ....................................... 21

Chapter 2. Thinking About Users ....................................................................................... 23
  Why study users? .......................................................................................................... 25
  Who are your users? ....................................................................................................... 27
  Starting a user and task analysis ................................................................................... 31
  What do you want to know about your users? ............................................................... 35
  Jobs, tasks, tools, and mental models: How users define themselves ......................... 35
  Individual differences ................................................................................................. 43
  What are the trade-offs? ............................................................................................... 49
  References cited in the chapter ..................................................................................... 50
  Other books and articles for further reading ............................................................... 50
Chapter 8. Preparing for the Site Visits ................................................................. 193
  Issues to consider as you prepare ................................................................. 194
  Organizing the team ......................................................................................... 194
  Training the team .............................................................................................. 198
  Materials for the site visits .............................................................................. 200
  What materials will you need for the team to use during the site visits? .... 209
  What materials will you need to facilitate information gathering? ............ 216
  Will you videotape? Audiotape? ..................................................................... 218
  Deciding what you will do with the data ......................................................... 222
  Staying organized (building in record keeping) ............................................. 227
  Site Visit Plan ................................................................................................... 228
  Site visit plan for SuperSales .......................................................................... 229
  Reference cited in the chapter ....................................................................... 240

Part 3. Conducting the Site Visit ..................................................................... 241

Chapter 9. Conducting the Site Visit—Honing Your Observation Skills .... 243
  Handling the site visit ...................................................................................... 244
  Learning more about the user ........................................................................ 246
  Taking notes on the user's environment ......................................................... 249
  Understanding the users' goals ...................................................................... 250
  Understanding the users' tasks ...................................................................... 257
  Asking the user to talk to you and to think aloud ........................................ 258
  Noting where the user starts the task ............................................................. 259
  Noting what triggers the task ......................................................................... 260
  Taking down the level of detail you need for your issues ......................... 262
  Capturing interactions with other resources: people, paper, programs .... 263
  Separating observations and inferences as you watch users .................... 264
  Noting where the user ends the task (what happens next) ...................... 267
  Noting whether the user successfully met the goal ..................................... 268
  Going on to the next observation or the next part of the site visit ............ 268
  Thanking the user, distributing presents, and taking your leave .............. 269
  References cited in the chapter .................................................................. 271
  Other books and articles for further reading ................................................. 271

Chapter 10. Conducting the Site Visit—Honing Your Interviewing Skills ... 273
  Listening—the most important part of interviewing .................................... 275
  Setting expectations about roles and knowledge ......................................... 276
  Planning the questions or issues for site visit interviews .......................... 277
  Knowing what you are trying to learn .......................................................... 278
  Realizing the power of different types of questions .................................... 279
  Asking neutral questions ............................................................................... 281
  Respecting silence ......................................................................................... 287
  Watching body language and other signals from users ............................ 287