## Contents

**Preface** ................................................................. xi

**PART I**

**CHAPTER 1**

**Why Research Is Good and How It Fits into Product Development** ............. 1

**CHAPTER 2**

**Introduction** ......................................................... 3
Learning from LEGO .................................................. 4
In Conclusion ......................................................... 10

**CHAPTER 3**

**Do a Usability Test Now!** ........................................... 11
A Nano-usability Test ................................................ 12
A Micro-usability Test ............................................... 12
What Did You Learn? ................................................ 17
What to Do Next ..................................................... 19

**CHAPTER 3**

**Balancing Needs Through Iterative Development** ................................. 21
Success for End Users Is ............................................. 22
Success for the Company Is .......................................... 24
Success for Advertisers Is ........................................... 24
A System of Balance: Iterative Development ......................................... 29
Where User Research Fits In .......................................... 36
Example: A Scheduling Service ........................................ 38

**PART II**

**CHAPTER 4**

**Research Planning** .................................................. 47
Setting Goals for Research ........................................... 48
Integrating Research and Action ....................................... 55
The Format of the Plan ............................................... 64
Budgets ........................................................................ 65
Example: Research Plan for Company X .................................... 66
Maintenance ............................................................. 72
# Contents

**CHAPTER 5**

**Competitive Research**

- When Competitive Research Is Effective 74
- Competitive Research Methods 75
- Analyzing Competitive Research 88
- Example: A Quick Evaluation of Match.com 90
- Acting on Competitive Research 92

**CHAPTER 6**

**Universal Tools: Recruiting and Interviewing**

- Recruiting 95
- Interviewing 129

**CHAPTER 7**

**Focus Groups**

- When Focus Groups Are Appropriate 142
- How to Conduct Focus Groups 147

**CHAPTER 8**

**More Than Words: Object-Based Techniques**

- When to Use Them 180
- Dialogic Techniques 181
- Writing the Script 183
- Generative Techniques: Making Things 188
- Associative Techniques: Card Sorting 201

**CHAPTER 9**

**Field Visits: Learning from Observation**

- What Are Field Visits? 213
- How Are Field Visits Used? 215
- The Field Visit Process 219
- Note Taking 237
- Why Can’t You Just Ask People? 238
- Conclusion 241

**CHAPTER 10**

**Diary Studies**

- When to Do a Diary Study 244
- How to Do a Diary Study 247
- Conclusion 270
<table>
<thead>
<tr>
<th>Chapter</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>Usability Tests</td>
<td>273</td>
</tr>
<tr>
<td></td>
<td>When to Test</td>
<td>273</td>
</tr>
<tr>
<td></td>
<td>How to Do It</td>
<td>275</td>
</tr>
<tr>
<td></td>
<td>How to Analyze Usability Tests</td>
<td>314</td>
</tr>
<tr>
<td></td>
<td>Anatomy of a Usability Test Report</td>
<td>319</td>
</tr>
<tr>
<td></td>
<td>Conclusion</td>
<td>326</td>
</tr>
<tr>
<td>12</td>
<td>Surveys</td>
<td>327</td>
</tr>
<tr>
<td></td>
<td>When to Conduct Surveys</td>
<td>328</td>
</tr>
<tr>
<td></td>
<td>How to Field a Survey</td>
<td>329</td>
</tr>
<tr>
<td></td>
<td>How to Analyze Survey Responses</td>
<td>359</td>
</tr>
<tr>
<td></td>
<td>Follow-up and Ongoing Research</td>
<td>376</td>
</tr>
<tr>
<td>13</td>
<td>Global and Cross-Cultural Research</td>
<td>385</td>
</tr>
<tr>
<td></td>
<td>Research Planning</td>
<td>388</td>
</tr>
<tr>
<td></td>
<td>Multilingual Research</td>
<td>392</td>
</tr>
<tr>
<td></td>
<td>Recruiting</td>
<td>393</td>
</tr>
<tr>
<td></td>
<td>Field Interviews and Observation</td>
<td>395</td>
</tr>
<tr>
<td></td>
<td>Global and Cross-Cultural Surveys</td>
<td>400</td>
</tr>
<tr>
<td></td>
<td>Analyzing the Data</td>
<td>402</td>
</tr>
<tr>
<td></td>
<td>Course Corrections</td>
<td>403</td>
</tr>
<tr>
<td></td>
<td>Building Your Global Research Program</td>
<td>403</td>
</tr>
<tr>
<td>14</td>
<td>Others' Hard Work: Published Information</td>
<td>405</td>
</tr>
<tr>
<td></td>
<td>Information and Consultants</td>
<td>406</td>
</tr>
<tr>
<td></td>
<td>Published Information</td>
<td>406</td>
</tr>
<tr>
<td></td>
<td>Hiring Specialists</td>
<td>410</td>
</tr>
<tr>
<td>15</td>
<td>Analyzing Qualitative Data</td>
<td>423</td>
</tr>
<tr>
<td></td>
<td>This Is Not a Fishing Trip</td>
<td>424</td>
</tr>
<tr>
<td></td>
<td>An Ideal Process for Qualitative Analysis</td>
<td>424</td>
</tr>
<tr>
<td></td>
<td>Typical Analysis Plans</td>
<td>447</td>
</tr>
<tr>
<td></td>
<td>Conclusion</td>
<td>451</td>
</tr>
</tbody>
</table>
# Contents

## PART III

### CHAPTER 16

Automatically Gathered Information:
- Usage Data and Customer Feedback ... 453
- Usage Data ............................ 454
- Customer Feedback .................. 468
- Explore the Data, Then Go Observe! ... 475

### CHAPTER 17

Communicating Results ................. 477

### CHAPTER 18

Research into Action: Representing
- Insights as Deliverables ............ 479
- Choosing the Right Deliverables .... 480
- Representing People: Personas ...... 482
- Representing Situations: Scenarios  .... 501
- Representing Activities and Processes ... 507
- Representing Systems: Experience Models ... 522
- Putting It All Together ............. 528
- A Final Warning ..................... 530

Reports, Presentations, and
- Workshops .............................. 531
- Informal Reporting .................. 532
- Preparing and Presenting Formal Reports ... 532
- The Presentation .................... 545
- The Workshop ........................ 552
- Extending the Reach of Research ..... 556
- Conclusion ........................... 557

Creating a User-Centered
- Corporate Culture .................. 559
- Work with the Current Process ....... 560
- What If It's Just Too Difficult? ....... 568
- Following and Leading .............. 569

References ............................. 571

Index ..................................... 577