

Focus Groups

Supporting Effective Product Development

Edited by

Joe Langford and Deana McDonagh



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Focus Groups Supporting Effective Product Development

**Waldemar Karwowski, Marcelo
Soares, Neville A. Stanton**



Focus Groups Supporting Effective Product Development:

Focus Groups Joe Langford,2002-11-14 The focus group is widely used to as a tool for increasing the understanding of users and their requirements and identifying potential solutions for these requirements Its main value lies in the conveyance of less tangible information that cannot be obtained using more traditional methods Eliciting user needs beyond the functional is crucial for

Focus Groups Joe Langford,Deana McDonagh,2003-09-02 The focus group is widely used to as a tool for increasing the understanding of users and their requirements and identifying potential solutions for these requirements Its main value lies in the conveyance of less tangible information that cannot be obtained using more traditional methods Eliciting user needs beyond the functional is crucial for effective product and system development This approach offers one way in which such needs may be elicited While most texts in product development cater to marketing political and social science research this book describes the way focus groups can be applied particularly to ergonomics human factors and design related projects The book demystifies the subject and includes practical guidance for setting up and running focus group sessions to enable the professional and novice to employ these techniques usefully and with confidence An ideal book for the professional to the undergraduate student **Focus Groups Supporting Effective Product Development** is written for ergonomists designers and anyone running product related focus groups or involved in product research

Product Development for Distant Target Groups Malte Marwede,2017-05-03 Malte Marwede explores the impact of cognitive distance in product development in particular whether large distances between developers and the customer target groups adversely affect the creation of customer centric product ideas Furthermore he shows how practical user involvement measures can potentially mitigate negative effects of cognitive distance in an applied industry context Silver Agers people in their third age and the aviation industry are in focus for the empirical analysis Extensive market knowledge and insights are provided for this target group

Handbook of Human Factors and Ergonomics in Consumer Product Design, 2 Volume Set Waldemar Karwowski,Marcelo Soares,Neville A. Stanton,2020-05-18 A comprehensive resource this handbook covers consumer product research case study and application It discusses the unique perspective a human factors approach lends to product design and how this perspective can be critical to success in the market place Divided into two volumes the handbook includes introductory and summary chapters on case study design design methods and process error and hazards evaluation methods focus groups and more It discusses white goods entertainment systems personnel audio devices mobile phones gardening products computer systems and leisure goods

Human Factors and Ergonomics in Consumer Product Design Waldemar Karwowski,Marcelo M. Soares,Neville A. Stanton,2011-06-22 Every day we interact with thousands of consumer products We not only expect them to perform their functions safely reliably and efficiently but also to do it so seamlessly that we don t even think about it However with the many factors involved in consumer product design from the application of human factors and ergonomics principles to red

Interview Techniques

for UX Practitioners Chauncey Wilson,2013-11-23 Much of the work of user centered design practitioners involves some type of interviewing While interviewing is an important skill many colleagues have little or no formal training in interviewing methods and often learn on the job with limited feedback on the quality of their interviews This book teaches readers about the three basic interview methods structured interviews semi structured interviews and unstructured interviews The author discusses the various strengths weaknesses issues with each type of interview and includes best practices and procedures for conducting effective and efficient interviews The book dives into the detailed information about interviews that haven t been discussed before readers learn how and when to ask the how and why questions to get a deeper understanding of problems concepts and processes as well as discussions on laddering and critical incident techniques Because so much of what UX practitioners do involves good interviewing skills this is your one stop resource with the definitions processes procedures and best practices on the basic approaches *Conducting Focus Groups for Business and Management Students* Caroline J. Oates,Panayiota J. Alevizou,2017-10-30 In *Conducting Focus Groups* Caroline J Oates and Panayiota J Alevizou explain what is involved in conducting focus groups outlining their main features use in research their design and the kind of rich qualitative data they facilitate Ideal for Business and Management students reading for a Master s degree each book in the series may also serve as reference books for doctoral students and faculty members interested in the method Part of SAGE s Mastering Business Research Methods conceived and edited by Bill Lee Mark N K Saunders and Vadake K Narayanan and designed to support researchers by providing in depth and practical guidance on using a chosen method of data collection or analysis *Qualitative Research Methods in Air Transport Management* Kurt, Yeşim,2025-02-06 Qualitative research methods play an important role in air transport management by providing insights into the complexities of the industry that quantitative data cannot capture alone Through techniques such as interviews case studies focus groups and observational research qualitative methods allow researchers and practitioners to explore the human organizational and cultural factors that influence decision making customer experiences and operational efficiency in air transport This approach enables a deeper understanding of passenger behaviors airline management practices regulatory impacts and industry trends By focusing on the nuances and subjective experiences of stakeholders qualitative research contributes to the development of more effective strategies policies and innovations within the air transport sector *Qualitative Research Methods in Air Transport Management* reveals the relationship between qualitative research methods and academics researchers and industry professionals who carry out studies related to the air transport sector It exemplifies qualitative research practices in the aviation sector while providing in depth analysis and discusses the importance of qualitative research for understanding the structures in the sector and the experiences of aviation professionals This book covers topics such as traffic control aviation engineering and air transportation and is a useful resource for business owners researchers engineers data scientists and academicians **Universal Methods of Design** Bella Martin,Bruce Hanington,2012-02 Universal Methods of

Design is an immensely useful survey of research and design methods used by today's top practitioners and will serve as a crucial reference for any designer grappling with really big problems. This book has a place on every designer's bookshelf including yours. David Sherwin, Principal Designer at frog and author of *Creative Workshop: 80 Challenges to Sharpen Your Design Skills*. *Universal Methods of Design* is a landmark method book for the field of design. This tidy text compiles and summarizes 100 of the most widely applicable and effective methods of design research, analysis, and ideation, the methods that every graduate of a design program should know and every professional designer should employ. Methods are concisely presented, accompanied by information about the origin of the technique, key research supporting the method, and visual examples. Want to know about Card Sorting or the Elitio Method? What about Think Aloud Protocols? This book has them all and more in readily digestible form. The authors have taken away our excuse for not using the right method for the job and in so doing have elevated its readers and the field of design. UMOD is an essential resource for designers of all levels and specializations and should be one of the go-to reference tools found in every designer's toolbox. William Lidwell, author of *Universal Principles of Design*, Lecturer of Industrial Design, University of Houston. This comprehensive reference provides a thorough and critical presentation of 100 research methods, synthesis, analysis techniques, and research deliverables for human-centered design, delivered in a concise and accessible format, perfect for designers, educators, and students. Whether research is already an integral part of a practice or curriculum or whether it has been unfortunately avoided due to perceived limitations of time, knowledge, or resources, *Universal Methods of Design* serves as an invaluable compendium of methods that can be easily referenced and utilized by cross-disciplinary teams in nearly any design project. This essential guide dismantles the myth that user research methods are complicated, expensive, and time-consuming. It creates a shared meaning for cross-disciplinary design teams, illustrates methods with compelling visualizations and case studies, characterizes each method at a glance, indicates when methods are best employed to help prioritize appropriate design research strategies. *Universal Methods of Design* distills each method down to its most powerful essence in a format that will help design teams select and implement the most credible research methods best suited to their design culture within the constraints of their projects.

Universal Methods of Design Expanded and Revised Bruce Hanington, Bella Martin, 2019-12-03. This expanded and revised version of the best-selling *Universal Methods of Design* is a comprehensive reference that provides a thorough and critical presentation of 125 research methods, synthesis, analysis techniques, and research deliverables for human-centered design. The text and accompanying photos and graphics of this classic resource are delivered in a concise and accessible format, perfect for designers, educators, and students. Information can be easily referenced and utilized by cross-disciplinary teams in nearly any design project. This new expanded edition includes updated information on scenarios, secondary research, territory maps, and other chapters. The addition of 25 new chapters brings fresh relevance to the text with innovative design methods that have emerged since the first edition, such as backcasting, behavioral design, horizon scanning, and transition.

design Universal Methods of Design distills each method down to its essence in a format that helps design teams select and implement the most credible research methods suited to their design culture **HCI in Games: Experience Design and Game Mechanics** Xiaowen Fang, 2021-07-03 This two volume set LNCS 12789 and 12790 constitutes the refereed proceedings of the Third International Conference on HCI in Games HCI Games 2021 held as part of the 23rd International Conference HCI International 2021 which took place in July 2021 Due to COVID 19 pandemic the conference was held virtually The total of 1276 papers and 241 posters included in the 39 HCII 2021 proceedings volumes was carefully reviewed and selected from 5222 submissions The papers of HCI Games 2021 Part I are organized in topical sections named Experience Design in Games User Engagement and Game Impact Game Mechanics **Designing Mobile Service Systems - Revised Second Edition** E.A.M. van de Kar, 2008-10-08 This publication is the second in the Research in Design series Design is an effort that enjoys a growing attention in the academic world At Delft University of Technology design is a recognized part of science Like other technical universities Delft is rooted in the engineering field And in spite of questions like what is design what is engineering and what is science which can be debated in long sessions and differences that are hard to explain it is possible to feel the differences In this book the authors contribute to the development of a design language for the service domain In general the engineering discipline is expanding into a field that embraces perspectives of more disciplines and actors next to the engineer who is responsible for the artefact The first volume in this Research in Design Series stresses the stakeholder oriented approach in the domain of architecture and urban planning Binnekamp van Gunsteren van Loon 2006 The domain in this volume is services This is a field in which the involvement of different stakeholders with different interests in the design process is particularly a critical success factor A note on the second edition improvements have been made to the text and illustrations Apart from that the first and second edition are interchangeable **Evaluation of Human Work** John R. Wilson, Sarah Sharples, 2015-04-16 Written by experts with real world experience in applying ergonomics methodology in a range of contexts Evaluation of Human Work Fourth Edition explores ergonomics and human factors from a doing it perspective More than a cookbook of ergonomics methods the book encourages students to think about which methods they should apply when and why **Design for Health** Arathi Sethumadhavan, Farzan Sasangohar, 2020-01-29 Design for Health Applications of Human Factors delves into critical and emergent issues in healthcare and patient safety and how the field of human factors and ergonomics play a role in this domain The book uses the Design for X DfX methodology to discuss a wide range of contexts technologies and population dependent criteria X s that must be considered in the design of a safe and usable healthcare ecosystem Each chapter discusses a specific topic e g mHealth medical devices emergency response global health etc reviews the concept and presents a case study that demonstrates how human factors techniques and principles are utilized for the design evaluation or improvements to specific tools devices and technologies Section 1 healthcare systems and environments Section 2 and

applications to special populations Section 3 The book represents an essential resource for researchers in academia as well as practitioners in medical device industries consumer IT and hospital settings It covers a range of topics from medication reconciliation to self care to the artificial heart Uses the Design for X DfX methodology A case study approach provides practical examples for operationalization of key human factors principles and guidelines Provides specific design guidelines for a wide range of topics including resilience stress and fatigue management and emerging technologies Examines special populations such as the elderly and the underserved Brings a multidisciplinary multi industry approach to a wide range of healthcare human factors issues

Designing Organizations Richard M. Burton,Bo Eriksen,Dorthe Døjbak Håkonsson,Thorbjørn Knudsen,Charles C. Snow,2008-06-25 Designing Organizations 21st Century Approaches is a benchmark publication in the field of organization design The recent development in organization design has been sporadic hence this book will be an important step in creating more thoughtful research and stronger empirical analyses that take advantage of advances in estimation methods allowing for more complex causal modeling and stimulation technologies Featured in the book are the more practical elements of implementing OD in organizations The chapter material is organized into five sections 1 Putting Contingency Theory in its Place 2 Focus on Individuals who make up the Organization 3 Innovation Processes and Organization Design 4 Adaptation and Technology and 5 Design for Performance The book will be a broad discussion of topics in the field but still each individual chapter will provide in depth analysis of the topic

Knowledge and Technological Development Effects on Organizational and Social Structures Abdelnour-Nocera, José,2012-10-31 As the growing relationship between individuals and technology continue to play a vital role in our society and work place the progress and execution of information technology communication systems is important in maintaining our current way of life Knowledge and Technological Development Effects on Organizational and Social Structures provides a wide ranging discussion on the exchanging of research ideas and practices in an effort to bring together the social and technical aspects within organizations and society This collection focuses on new ideas and studies for research students and practitioners

Contemporary Ergonomics and Human Factors 2014 Sarah Sharples,2017-10-31 The broad and developing scope of human factors and ergonomics the application of scientific knowledge to improve peoples interaction with products systems and environments has been illustrated for 28 years by the books which make up the Contemporary Ergonomics series This book presents the proceedings of the international conference Ergon Ergodesign Methodology for Product Design Marcelo M. Soares,2021-10-28 This book presents a co design detailed methodology that will enable the reader to develop human centered product designs considering the user s needs skills and limitations The purpose of this book is to produce an ergonomic design methodology in which the user s voice can be translated into product requirements in a way that designers and manufacturers can use characterizing it as a co design methodology It discusses important topics including ergonomics and product design design specifications project evaluation modeling and prototyping product safety

human error kansei affective engineering usability and user experience models of usability methods for research and evaluation of usability methods for evaluation of user experience preliminary strategic design planning detailing design and design ergonomic and pandemics The book offers a human centered design methodology that allows the reader to carry out analysis and design projects for both products aimed at the disabled user population and those that serve the general population It will be a valuable reference text for undergraduate and graduate students and professionals in the fields of ergonomics design architecture engineering and related fields It can also be used by students and professionals of physiotherapy and occupational therapy interested in designing products for people with special needs **Ambient**

Intelligence Manfred Tscheligi, Panos Markopoulos, Reiner Wichert, Thomas Mirlacher, Alexander Meschterjakov, Wolfgang Reitberger, 2009-11-05 This book constitutes the refereed proceedings of the Third European Conference on Ambient Intelligence AmI 2009 held in Salzburg Austria in November 2009 The 21 revised full papers and 10 short papers presented were carefully reviewed and selected from numerous submissions for inclusion in the book The papers are organized in topical sections on sensing reasoning and sensing ambient technology ambient assisted living applications and studies methods and tools and reasoning and adaption *Tourism and Humour* Philip L. Pearce, Anja Pabel, 2015 This book is dedicated to the advancement of knowledge about humour in all kinds of tourism settings It discusses the many ways in which humour can occur during tourism exchanges including guided tours tourism marketing and promotion and travel narratives Other themes include the role of humour in enhancing the tourist experience the benefits of tourism humour considerations of when humour may appear inappropriate in tourism settings and the development of tourism humour theory The work includes much original material collected by the authors The book will be of interest to undergraduate and postgraduate students researchers of tourism as well as humour scholars from other disciplines

Focus Groups Supporting Effective Product Development Book Review: Unveiling the Power of Words

In some sort of driven by information and connectivity, the ability of words has are more evident than ever. They have the capacity to inspire, provoke, and ignite change. Such could be the essence of the book **Focus Groups Supporting Effective Product Development**, a literary masterpiece that delves deep into the significance of words and their effect on our lives. Compiled by a renowned author, this captivating work takes readers on a transformative journey, unraveling the secrets and potential behind every word. In this review, we shall explore the book is key themes, examine its writing style, and analyze its overall affect readers.

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