# Applied Computing USER-CENTRED DESIGN OF SYSTEMS Jan Noyes and Chris Baber Springer

# **User-Centred Design of Systems**

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## Reviews

Definitely among the best book I have possibly read. I have study and I am sure that I will going to go through once more once more later on. Your lifestyle span is going to be convert when you full looking at this publication.

(Prof. Damon Kautzer III)

### USER-CENTRED DESIGN OF SYSTEMS



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Book Condition: New. Publisher/Verlag: Springer, Berlin | There has long been a need for a book which deals specifically with human factors issues and methods, and which is targeted at the computer science and engineering population; this book fills that gap. Using a model, that places the human at the centre of the system design, users are considered in terms of their cognitive and physical attributes and their social needs, and the way in which computer technology needs to be designed and evaluated in order to take account of these factors is addressed. User-Centred Design of Systems deals specifically with the human issues focuses primarilyon the design and evaluation of computer systems from the perspective of the user, contains a judicious mix of theory and applications and contains lots of practical examples. Students taking Human Computer Interaction, user-centred design, human factors and ergonomics and other similar courses will find this book invaluable. | 1 Defining Systems.- 1 What Is a System?.- 1.1 Systems.- 1.2 Levels of Systems.- 1.3 Levels of Design.- 1.4 Paradoxical Technology.- 1.5 Allocation of Function.- 1.6 Mission Analysis.- 1.7 Conclusions.- 1.8 Exercise.- 1.9 Selected References.- 2 Who Will Use the System? 17.- 2.1 Users.- 2.2 Defining Users.- 2.3 Humans as Systems.- 2.4 Eliciting User Knowledge.- 2.5 Conclusions.- 2.6 Exercises 2 and.- 2.7 Selected References.- 3 What Will the System Be Used For? 37.- 3.1 Communication of Information.- 3.2 Presenting Information to the Human.- 3.3 Stimulus-central Processing-Response Compatibility.- 3.4 Conclusions.- 3.5 Exercise.- 3.6 Selected References.- 4 What Are the Main Components of the System? 55.- 4.1 Operational Level Interfaces.- 4.2 Input Technologies.- 4.3 Output Technologies.- 4.4 Control-Display Relationships.- 4.5 Conclusions.- 4.6 Exercise.- 4.7 Selected References 5.- 2 Developing Systems.- 5 How Will the System Be Designed?.- 5.1 Life cycles.- 5.2 Generic Activities in System Development.- 5.3 User involvement.-...

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