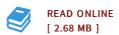# Human-Centered Software Engineering - Integrating Usability in the Software Development Lifecycle

By Michel C. Desmarais

Springer Jan 2011, 2011. Taschenbuch. Book Condition: Neu. 240x160x22 mm. This item is printed on demand - Print on Demand Titel. - The fields of HCI and Software Engineering have evolved almost independently of each other until the last decade, when it became apparent that an integrated and combined perspective would benefit the development of interactive software applications. The chapters in this book are written by prominent researchers who bring to light the major integration issues and challenges, and offer a variety of solutions to bridging the HCI and SE gap, including: Extending software engineering artifacts for UI specification, such as annotating use cases with task descriptions, Enhancing object-oriented software engineering notations and models Possible extensions of HCI methods for requirements gathering through field observations and interviews, deriving a conceptual design model from scenario, task models and use cases and using personae as a way to understand and model end-users, New methodologies for interactive systems design, as well as approaches complementing existing methodologies. 424 pp. Englisch.

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