Einladung
Gastvortrag

THEMA
Requirements Engineering and UX Design: Theory and Practice

VORTRAGENDE
Dr. Homa Javahery, IBM Vancouver
Dr. Daniel Sinnig, Concordia University Montreal

INHALT

Abstract:
In today’s market, user experience (UX) design is a key differentiator for product development. UX architects and designers are in a constant struggle to incorporate human factors and usability methods into the software engineering lifecycle. It is commonly agreed that integration should be done as early as possible, during the analysis and requirements phase. In this presentation, we will propose a set of UX engineering design techniques that can be integrated into a requirements framework. Examples are user profiles, personas, user stories and pattern-oriented design. We will discuss how these techniques can be leveraged together to build a tighter fit between user experiences and design decisions, within the context of both theoretical and practical considerations. A number of best practices and case studies from industry will be presented, in emerging areas such as accessible design and healthcare technologies.

Bio:
Dr. Homa Javahery is a User Experience Architect with IBM’s Centre of Innovation in Vancouver, Canada. She holds a PhD in Computer Science (Human-Computer Interaction) from Concordia University, and a Bachelor of Science degree from McGill University. She is combining different design approaches from human sciences and engineering disciplines to develop novel design frameworks which effectively address the user’s needs and experiences. Her research interests lie in HCI design patterns, multiple user interfaces, accessible design, and usability of healthcare applications.

Bio:
Dr. Daniel Sinnig is a software engineer. He holds a Ph.D. and a Master’s degree in Computer Science from Concordia University specializing in Human-Computer Interaction. Additionally he holds a diploma degree in Software Engineering from the University of Rostock, Germany. Currently Daniel has a Post Doc. Position and is a member of the Dependable Software Research Group, where his research focus is on formal requirements specification techniques for the integrated development of functional- and user interface requirements.

ORT UND ZEIT
Freitag, 18. Juni 2010, 9.15 Uhr
Konferenzsaal, FhG, Raum 114,
Joachim-Jungius-Str. 11, 18059 Rostock