User-Centered Design and Agile Methods: A Systematic Review

Tiago Silva da Silva, Angela Martin, Frank Maurer, Milene Silveira

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Systematic Literature Review

Medical SLR

SLR in Software Engineering
User eXperience

User Interface

User-Centered Design

Human-Computer Interaction

Human Factor

Computer-Human Interaction

Interaction Design
Usability Specialist
Interaction Designer
UX Specialist
Final amount of papers
Theoretical | Experience Report | Empirical | Experimental

2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010
Evaluation and Design
Evaluation

Design

Evaluation/Design
Lessons Learned

Need of Initiative

Recommendations

Initiative Proposal
One Sprint Ahead
User Testing
Inspection
LDUF (SDUF)
Close Collaboration
Low-Fi Prototypes
User Stories
One Sprint Ahead  Inspection  User Stories  Users Testing  LowFI Prototypes  Close collaboration  LDUF(SDUF)
What next?
Action Research

Extension of the SLR
Thanks to:
Milene Silveira
Frank Maurer
Angela Martin
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