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# Aplicando Design Thinking em Engenharia de Software: Um Mapeamento Sistemático

Anderson Felipe Barros de Souza, Bruna Moraes Ferreira, Tayana Conte  
{anderson.souza, bmf, tayana} @icomp.ufam.edu.br

USES – Grupo de Usabilidade e Engenharia de Software  
PPGI – Programa de Pós-Graduação em Informática Instituto de Computação  
Universidade Federal do Amazonas (UFAM) Manaus, AM - Brazil



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# Aplicando Design Thinking em Engenharia de Software: um Mapeamento Sistemático

Anderson Felipe Barros de Souza, Bruna Moraes Ferreira, Tayana Uchoa Conte

USES Research Group, Instituto de Computação, Universidade Federal do Amazonas, Av. Rodrigo Otávio, 6200, Coroadó – CEP: 69077-000 – Manaus/Amazonas, Brasil  
{anderson.souza, bmf, tayana}@icompu.ufam.edu.br

## Resumo

Este relatório técnico apresenta a lista dos artigos de controle, lista das publicações extraídas e o formulário de extração de dados referentes ao artigo “Aplicando Design Thinking em Engenharia de Software: um Mapeamento Sistemático”. Estes itens são citados na seção 3 do artigo.

**Tabela 1.** Lista dos Artigos de Controle

Autor(es), ano	Nome da publicação
Chasanidou, D.; Gasparini, A. A.; Lee, E. (2015)	Design Thinking Methods and Tools for Innovation
Souza, C. L. C.; Silva, C (2014)	Use of design thinking in requirements elicitation of mobile learning in virtual environment
Newman, P.; Ferrario, M. A.; Simm, W.; Forshaw, S.; Friday, A.; Whittle, J. (2015)	The role of design thinking and physical prototyping in social software engineering
Vetterli, C.; Brenner, W.; Uebernickel, F.; Petrie, C. (2013)	From Palaces to Yurts: Why Requirements Engineering Needs Design Thinking
Adikari, S.; McDonald, C.; Campbell, J. (2013)	Reframed contexts: design thinking for agile user experience design

**Tabela 2.** Lista das publicações relevantes extraídas

ID	Fonte	Referência
1	Scopus	Adikari, S., McDonald, C., Campbell, J.: Reframed contexts: Design Thinking for Agile User Experience Design. In: International Conference of Design, User Experience, and Usability, pp. 3--12. Springer Berlin Heidelberg (2013)
2	Scopus	Adikari, S.; Keighran, H.; Sarbazhosseini, H.: Embed Design Thinking in Co-Design for Rapid Innovation of Design Solutions. In: International Conference of Design, User Experience, and Usability. pp. 3--14, Springer International Publishing (2016)
3	Scopus	Araújo, R., Anjos, E., Silva, D. R.: Trends in the Use of Design Thinking for Embedded Systems. In: 15th International Conference on Computational Science and Applications (ICCSA), pp. 82--86 (2015)
4	Scopus	Berger, A.: Design Thinking for Search User Interface Design. In: Human-Computer Interaction and Information Retrieval (HCIR), pp. 1--4 (2011)
5	Scopus	Beyhl, T., Berg, G., Giese, H.: Traceability Recovery for Innovation Processes. In: 8th International Symposium on Software and Systems Traceability, pp. 22--28. IEEE Press (2015)

ID	Fonte	Referência
6	Scopus	Beyhl, T., Berg, G., Giese, H.: Why innovation Processes Need to Support Traceability. In: Traceability in Emerging Forms of Software Engineering (TEFSE), pp. 1--4 (2013)
7	Scopus	Carroll, N., Richardson, I.: Aligning Healthcare Innovation and Software Requirements Through Design Thinking. In: Software Engineering in Healthcare Systems (SEHS), pp. 1--7 (2016)
8	Scopus	Chasanidou, D., Gasparini, A. A., Lee, E.: Design Thinking Methods and Tools for Innovation. In: International Conference of Design, User Experience, and Usability, pp. 12--23. Springer International Publishing (2015)
9	Scopus	De Paula, D. F. O., Araújo, C. C.: Pet Empires: Combining Design Thinking, Lean Startup and Agile to Learn from Failure and Develop a Successful Game in an Undergraduate Environment. In: International Conference on Human-Computer Interaction, pp. 30--34. Springer International Publishing (2016)
10	Scopus	Gamble, M. T.: Can metamodels link development to design intent?. In: Proceedings of the 1st International Workshop on Bringing Architectural Design Thinking into Developers' Daily Activities. pp. 14—17. ACM (2016)
11	Scopus	Gurusamy, K., Srinivasaraghavan, N., Adikari, S.: An Integrated Framework for Design Thinking and Agile Methods for Digital Transformation. In: International Conference of Design, User Experience, and Usability, pp. 34--42. Springer International Publishing (2016)
12	Scopus	Hiremath, M., Sathiyam, V.: Fast train to DT: A Practical Guide to Coach Design Thinking in Software Industry. In: Conference on Human-Computer Interaction (IFIP), pp. 780--787. Springer Berlin Heidelberg (2013)
13	Scopus	Kabiawu, O., Van Belle, J-P., Oshin, M. A.: Designing a Knowledge Resource to Address Bounded Rationality and Satisficing for ICT Decisions in Small Organizations. The Electronic Journal of Information Systems in Developing Countries. 73, 1-18 (2016)
14	Scopus	Mussbacher, G.; Amyot, D.; Breu, R; Bruel, J. M.; Cheng, B.; Collet, P.; Kienzle, J.: The relevance of model-driven engineering thirty years from now. In: International Conference on Model Driven Engineering Languages and Systems. pp. 183-200. Springer International Publishing (2014)
15	Scopus	Newman, P., Ferrario, M. A., Simm, W., Forshaw, S., Friday, A., Whittle, J.: The Role of Design Thinking and Physical Prototyping in Social Software Engineering. In: 37th International Conference on Software Engineering-Volume 2, pp. 487--496. IEEE Press (2015)
16	Scopus	Queiros, L. M.; Da Silveira, D. S.; Da Silva, C. N.; Vilar, G.: LODPRO: learning objects development process. In: Journal of the Brazilian Computer Society. v. 1, n. 22, pp. 1--9 (2016)
17	Scopus	Razavian, M.; Tang, A.; Capilla, R.; Lago, P.: In two minds: how reflections influence software design thinking. In: Journal of Software: Evolution and Process. v. 28, n. 6, p. 394--426 (2016)
18	Scopus	Sandino, D., Matey, L. M., Vélez, G.: Design Thinking Methodology for the Design of Interactive real-time applications. In: International Conference of Design, User Experience, and Usability, pp. 583-592. Springer Berlin Heidelberg (2013)
19	Scopus	Souza, C. L. C., Silva, C.: Uso do Design Thinking na Elicitação de Requisitos de Ambientes Virtuais de Aprendizagem Móvel. In: 17th Workshop de Engenharia de Requisitos (WER). XVII Congresso Ibero-Americano de Engenharia de Software (CibSE), pp. 1--14 (2014)

ID	Fonte	Referência
20	Scopus	Ximenes, B. H., Alves, I. N., Araújo, C. C.: Software Project Management Combining Agile, Lean Startup and Design Thinking. In: International Conference of Design, User Experience, and Usability, pp. 356--367. Springer International Publishing (2015)
21	Engineering Village	Coutinho, E. F., Gomes, G. A. M., Leite, A. J. M.: Applying Design Thinking in Disciplines of Systems Development. In: Telematics and Information Systems (EATIS), pp. 1--8 (2016)
22	Engineering Village	Jensen, M. B., Lozano, F., Steinert, M.: The Origins of Design Thinking and the Relevance in Software Innovations. In: 17th Product-Focused Software Process Improvement (PROFES), pp. 675--678. Springer International Publishing (2016)

**Tabela 3.** Formulário de Extração de Dados

<Nome do artigo>	Autor (ano, mês)
<b>Descrição da tecnologia de design thinking proposta ou que foi utilizada</b>	
<b>Baseia-se em alguma tecnologia de design thinking já existente? (Descrever se houver)</b>	
<b>Contextualização/a tecnologia de design thinking foi aplicada a um ambiente acadêmico ou industrial?</b>	
<b>Fase do processo de software em que a tecnologia de design thinking deve ser/foi utilizada</b>	
<b>Apoio ferramental/ferramentas de apoio da tecnologia de design thinking</b>	
<b>A tecnologia de design thinking foi usada em conjunto com outra (s) tecnologia (s)? (Descrever se houver)</b>	
<b>Em qual artefato do processo de software esta tecnologia de design thinking deve ser/pode ser aplicada?</b>	
<b>Qual é o tipo da pesquisa?</b>	
<b>Descrição do estudo realizado</b>	
<b>Limitações do estudo</b>	
<b>Contribuição do estudo</b>	
<b>Contribuições para minha pesquisa</b>	