

## Documents

Zein, S.<sup>a</sup>, Salleh, N.<sup>b</sup>, Grundy, J.<sup>c</sup>

**Empirical Observations on Requirements Engineering Practices in Palestine**  
(2023) *Frontiers in Artificial Intelligence and Applications*, 371, pp. 39-50.

DOI: 10.3233/FAIA230222

<sup>a</sup> Department of Computer Science, Birzeit University, Birzeit, Palestine

<sup>b</sup> Department of Computer Science, International Islamic University, Kuala Lumpur, Malaysia

<sup>c</sup> Faculty of IT, Monash University, Melbourne, Australia

**Abstract**

Requirements Engineering (RE) is critical to the success of software development projects. Industrial software projects that apply poor RE practices usually suffer from severe quality challenges and even project failures. Even though RE has been drawing more attention in the literature, there is a lack of empirical evidence of RE practices and challenges at industrial contexts. To address this we carried out a study to evaluate the perspectives of software engineers on their RE practices to understand more about how software engineers approach RE process and what are the challenges they face. We conducted a multi-case study by interviewing 8 participants from 5 software development companies in Palestine. Our results show that for all the RE process seems to be fairly systematic with whole team involvement. Further, the agile RE model is the dominant model, and over half reported that key challenges are caused by issues that originated from the client side. Finally, we highlight interesting future RE research from the perspective of industrial practitioners. © 2023 IOS Press. All rights reserved.

**Author Keywords**

qualitative study; Requirements engineering; software analysis; software development

**Index Keywords**

Industrial research, Software design; Industrial software, Palestine, Qualitative study, Quality challenges, Requirement engineering, Requirement engineering practices, Requirement engineering process, Software analysis, Software development projects, Software project; Requirements engineering

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### Correspondence Address

Zein S.; Department of Computer Science, Palestine; email: szain@birzeit.edu

**Editors:** Fujita H., Guizzi G.

**Publisher:** IOS Press BV

**Conference name:** 22nd International Conference on New Trends in Intelligent Software Methodologies, Tools and Techniques, SoMeT 2023

**Conference date:** 20 September 2023 through 23 September 2023

**Conference code:** 193044

**ISSN:** 09226389

**ISBN:** 9781643684307

**Language of Original Document:** English

**Abbreviated Source Title:** Front. Artif. Intell. Appl.

2-s2.0-85175401430

**Document Type:** Conference Paper

**Publication Stage:** Final

**Source:** Scopus