

Documentation Practices in Agile Software Development

1. Name of the Paper & Authors

Title: Documentation Practices in Agile Software Development: A Systematic Literature Review

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2. Introduction Summary

The paper examines how documentation is handled in Agile Software Development (ASD). Although Agile values working software over extensive documentation, teams still require clear and useful documentation for communication and maintenance. The authors review studies from 2010–2021 to understand documentation practices, tools, and challenges in Agile environments.

3. Problem Statement Summary

There is confusion and inconsistency in Agile documentation. While Agile encourages minimal documentation, teams still need structured information for collaboration and long-term maintenance. There is no agreement on what should be documented or which tools are most effective.

4. Objectives

- Identify documentation types used in Agile Software Development.
- Review tools and methods used for documentation.
- Understand how documentation practices address Agile challenges.
- Analyze patterns and research gaps in existing studies.

5. Gap of the Paper

The study reveals that documentation tools address specific challenges but are not unified or synchronized. There is no standard framework guiding Agile teams on what to document and how to document it effectively, leaving room for further research and improvement.