

4 Requirements

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The term requirement first appeared in software engineering in the 1960s.¹⁾

The Business Analysis Body of Knowledge® version 2 from IIBA (BABOK),²⁾ defines a requirement as having one or more of the following characteristics:

1. *A condition or capability needed by a stakeholder to solve a problem or achieve an objective.*
2. *A condition or capability that must be met or possessed by a solution or solution component to satisfy a contract, standard, specification, or other formally imposed documents.*
3. *A documented representation of a condition or capability as in (1) or (2).*³⁾

This definition is based on IEEE Standardized vocabulary.⁴⁾

- [01_govReqMdl](#)
- [02_cogReqMdl](#)
- [03_combReqMdl](#)
- [04_combExmpMdl](#)
- [05_currState](#)
- [06_oneDegree](#)
- [07_reqSpec](#)
- [4.2 Functional Requirements](#)
- [4.3 Non-Functional Requirements](#)

1)

Boehm, Barry (2006). A view of 20th and 21st century software engineering. ICSE '06 Proceedings of the 28th international conference on Software engineering. University of Southern California, University Park Campus, Los Angeles, CA: Association for Computing Machinery, ACM New York, NY, USA. pp. 12-29. ISBN 1-59593-375-1. Retrieved January 2, 2013. <http://dl.acm.org/citation.cfm?id=1134288>

2)

1.3 Key Concepts - IIBA | International Institute of Business Analysis". www.iiba.org. Retrieved 2016-09-25.

<http://www.iiba.org/babok-guide/babok-guide-v2/babok-guide-online/chapter-one-introduction/1-3-key-concepts.aspx>

3)

[Wikipedia Requirement](#)

4)

IEEE/ISO/IEC 24765-2010 - ISO/IEC/IEEE International Standard - Systems and software engineering - Vocabulary, 2010-02-02, published 15 December 2015, IEEE, [<https://standards.ieee.org/standard/24765-2010.html>]

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