# 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)]


- 4.1 About Requirements
- 4.2 Functional Requirements
- 4.3 Non-Functional Requirements
- 4.4 Assessing 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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Last update: **2021/08/17 12:21**