

Types of Requirements

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Why types of requirements?

- To understand how to get the most out of our requirements
- To understand the different types of requirements that may be needed for a software product.

Kinds of requirements

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- **Why** it should exist in the first place
 - » the reason why that product should exist in the first place
- **What** the product should be like
 - » a list of features which should be included in the final version of the product
- **How** it should work
 - » a set of descriptions of how the product should perform in different situations

Business requirements

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Business requirements outline the purpose of a software project.

- They answer the questions: 'why the product is needed', 'why the product should exist'.
- They give the product owners a reason to pursue the project in the first place.

Product Vision & Business requirements

Business requirements are separated from the actual development of a product.

- Business requirements are used by your client when creating business strategies and plans.
- They're a way for business analysts to review the ultimate business goals for the product.

Business requirement

These requirements are not just personal or ethical reasons

“Must be first on the market or must be used by as many users as possible.”

A business requirement must define product needs that provide tangible and quantifiable business value.

“I need this product to appeal to clothing designers in India to raise our revenue by \$50,000 per year.”

Business rules

Business rules: the requirements associated with words like budget, policies or regulations.

More specific than business requirements:

- outline the product restrictions
- constrain how the product functions.
- specify rules that need to be followed in order for the project to be considered successful, or even appropriate.

Examples:

- A **privacy policy** where the business requires data be stored securely and not shared with non essential personnel.
- A **brand uniformity** requirement where the products to be developed must be visually consistent with other products owned by the client.
- A **government regulation** such as a requirement to maintain user data, and any information regarding its manipulation for a specific period of time according to local or international laws.

Quiz

Suppose you're forming requirements for an invoicing product that needs to calculate sales tax.

Which type of requirement are you creating?

- A. a business requirement,
- B. a business rule.