

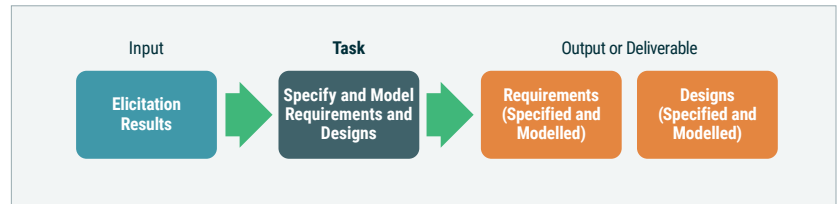
Specify and Model Requirements and Designs

Reference (Guidelines and Tools)

The following resources, if they exist, can be used to transform inputs into outputs:

- Modelling notations/standards
- Modelling tools
- Requirements architecture
- Requirements life cycle management tools
- Solution scope

Task Inputs and Outputs



Purpose or Need

To analyze, synthesize, and refine elicitation results into requirements and designs.



Value

Requirement and design specification and analysis serve as a foundation for stakeholder discussion to reach consensus on solution options.



Solution

Requirements and designs that are specified and modelled in the form of text, matrices, and diagrams.



Techniques

Frequently used techniques:

- [Acceptance and evaluation criteria](#)
- [Data modelling](#)
- [Interface analysis](#)
- [Use cases and scenarios](#)
- [User stories](#)

Refer to the *BABOK Guide* for the complete list of techniques.



Stakeholder

Typically involves any stakeholders who may have relevant knowledge or experience to participate in these activities.



Description of Change

This task describes a set of requirements or designs in enough detail using suitable analytical techniques.

Consider...

This task is about capturing important business information that can be effectively reviewed and communicated to build a shared understanding of the desired future changes. This is important for various initiatives.

Example: Models that represent different views of the enterprise can be used to support the ongoing delivery of value.

See [BABOK Guide – 11.4 The Business Architecture Perspective](#)

Certifications: ECBA, CCBA, CBAP – Refer to the [BABOK Guide](#) for study purposes