Specify and Model Requirements and Designs

Purpose or Need

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

Value

Requirements and designs specification and analysis provides a basis for discussion with stakeholders to reach a conclusion about solution options.

Solution

Requirements and designs which 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 v3** for the complete list of techniques.*

Stakeholder

Typically involves any stakeholders that could have relevant knowledge or experience to participate in these activities.
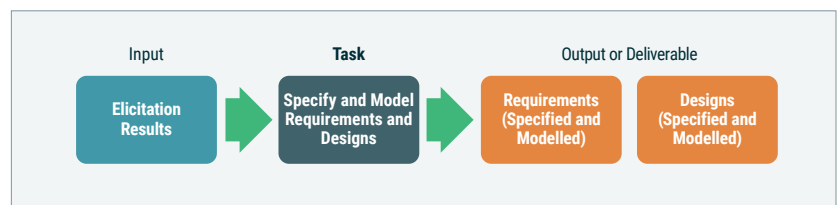
Description of Change

Specify and Model Requirements and Designs describes a set of requirements or designs in enough detail using suitable analytical techniques.

Reference (Guidelines and Tools)

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

– Modelling Notations/Standards;
– Modelling Tools;
– Requirements Architecture;
– Requirements Life Cycle Management Tools;
– Solution Scope.

Task Inputs and Outputs

Input	Task	Output or Deliverable	
Elicitation Results	Specify and Model Requirements and Designs	Requirements (Specified and Modelled)	Designs (Specified and Modelled)

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 different types of initiatives.

Example: Creating 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*

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