Define Requirements Architecture

Purpose or Need

To ensure that the requirements and designs collectively support one another to achieve the objectives fully.

Value

A requirements architecture ensures that all requirements and designs form a single whole that supports the overall business objectives and produces a useful outcome for stakeholders.

Solution

Defined requirements architecture that shows the interrelationships among requirements and designs.

Techniques

Frequently used techniques:

- *Data Modelling;*
- *Functional Decomposition;*
- *Process Modelling;*
- *Scope Modelling;*
- *Workshops.*

*Refer to the **BABOK Guide v3** for the complete list of techniques.*

Stakeholder

Different stakeholders may assist in defining and confirming as well as assessing the completeness of the requirements architecture.
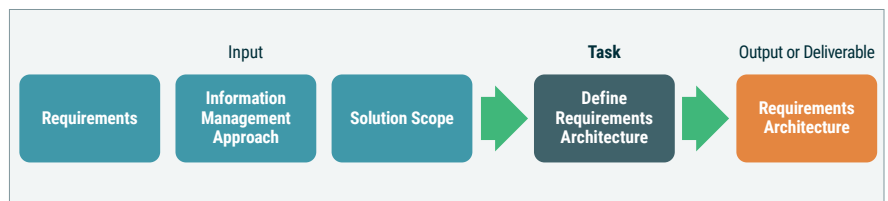
Description of Change

Define Requirements Architecture structures all requirements and designs so that they support the overall business purpose for a change and that they work effectively as a cohesive whole.

Reference (Guidelines and Tools)

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

- Architecture Management Software;
- Legal/Regulatory Information;
- Methodologies and Frameworks.

Task Inputs and Outputs

Input: Requirements → Information Management Approach → Solution Scope

Task: Define Requirements Architecture

Output or Deliverable: Requirements Architecture

Consider...

This can be a rigorous process for large scale predictive initiatives or most often (but not always) less rigorous for adaptive initiatives.

Example: Creating enterprise models that can be used for ongoing value delivery often use commercially available or industry standardized reference models.

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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