PURPOSE

Manage the requirements and designs for a project

✔ Tasks

◼ **Specify & Model Requirements** - analyzing needs using a variety of models.

◼ **Verify Requirements** - ensures that the requirements & models are of sufficient quality to be used for further work.

◼ **Validate Requirements** - ensures that all requirements deliver value to the business, contribute to the fulfillment of goals and objectives and meet a specific stakeholder need.

◼ **Define Requirements Architecture** - describes how the requirements are organized into various models & documents.
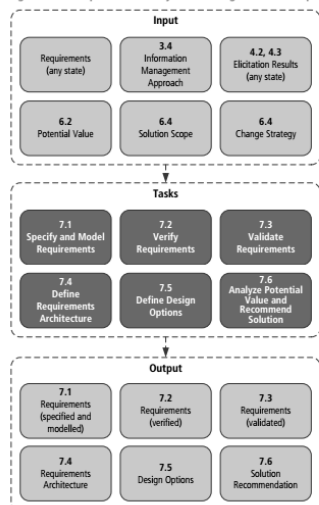
◼ **Define Design Options** - define the solution approach, identify opportunities to improve the business, allocate requirements across solution components and represent design option that achieve the desired future state.

◼ **Analyze Potentials Value & Recommend Solution** - determining which design options will be selected to meet the stakeholder requirements.

Requirement Analysis Techniques

Tasks, Inputs & Outputs Diagram

Figure 7.0.2: Requirements Analysis and Design Definition Input/Output Diagram

Business Process Analysis

Allocate Requirements

📖 Definitions

Model	representation of a real-world process, device or concept
Business Process Analysis	used in any methodology that is aiming to improve process performce

? Study Q & A

What is the difference between requirement verification & validation?

★ **REQUIREMENT VERIFICATION**

◼ Verification of requirements ensures that the requirements and models are of sufficient quality to be used for further work.

◼ making sure that requirements are ready for stakeholder review and approval.

◼ making sure that requirements provide all the information needed for the next steps in constructing the solution (i.e. ready for design efforts)

★ **REQUIREMENT VALIDATION**

◼ Requirement validation ensures that all requirements deliver value to the business, contribute to the fulfillment of goals and objectives and meet a specific stakeholder need.

◼ BA should Tie the requirement to a business value that will be delivered.

◼ Define evaluation criteria and process

◼ Define any dependencies the requirement has in order to gain desired result (including assumptions)

◼ Make sure the requirement aligns to the business case

Discuss the tasks of Define Design Options and Analyze Potential Value & Recommend Solution

How does a BA Evaluate and manage requirements to keep the solution focused on business goals?