

Devise a Conceptual Data Diagram

Describe information objects processed by the architecture.







Why to Devise a Conceptual Data Diagram

The purpose of the "Conceptual Data Diagram" is to outline the relationship between data and business entities of the aspired solution.

The Conceptual Data Diagram can be treated like an entity relationship diagram, outlining and describing the information being processed by the aspired solution.



Created by SAP AppHaus



When To Devise a Conceptual Data Diagram

The Conceptual Data Diagram is created during the Design phase after the **Architectural Decisions List.**



Learn more about SAP's Human-Centered Approach to Innovation: https://apphaus.sap.com/approach



How To Devise a Conceptual Data Diagram

	Duration	Steps	Exp
	60 - 120 Minutes	Identify information objects (entities) being processe solution building blocks (SBBs) in the Solution Rea Diagram and understand the information flow betwe SBBs.	d by the This lization data een the to a Inste
	Participation		store
		Assign each identified entity a clear, unambiguous na and add attributes or properties with corresponding	ame, builo data
	Roles Architects	types to provide further detail. For choosing data types to provide further detail.	es, They
		for example.	be n
			the i mes
		3 Think about the relationship between the different er Mostly, you will design an association between two e	ntities. outs entities
		and define a multiplicity. The association is represen	ted by a Sour
	Use Input From	solid line between two entities and is described with	a verb. Con
	Create a Use Case Blueprint Diagram		Solu
	Craft a Solution		
	Realization Diagram		

ert Tips

a diagram is not a technically detailed a model that can be directly mapped relational database, for example. ead, the information objects or a entities represented here may be ed and managed by various solution ding blocks within the architecture.

y might not necessarily be stored in a tional database; a graph store might more suitable, or you might receive information objects via an API or ssage queue from a building block side the scope of your architecture.

rces of input for creating the aceptual Data Diagram are the Use a Blueprint Diagram and the aution Realization Diagram.



Example Conceptual Data Diagram



