Resource

Product Modeling—Catalog Driven Approach | Design Pattern Discovery

Enterprise Product Catalog (EPC)

Here are a few considerations as you design an EPC. Its design has a significant impact on the overall solution, which is why it's essential to get it right the first time.

The following table lists the minimum relevant information to collect before the design phase. This information influences the EPC design choice by suggesting the use of one or more design patterns.

	Patterns			
Questions	Full Flat	Hierarchical	Offer Meiosis	Attribute-Based
Can it be sold as a standalone service or goods?	Yes	No	Yes/No	No
Is it a commercial or technical component?	Commercial	Commercial & Technical	Commercial & Technical	Commercial & Technical
Is it a commercial upgrade/ downgrade of another offer?	No	Yes/No	Yes	Yes/No
Is it required to be displayed during the order capture?	Yes	Yes	Yes	Yes/No
Is it required to be displayed as a customer asset?	Yes/No	Yes/No	Yes/No	No
Is it a required component?	No	Yes/No	Yes/No	Yes/No
Does it have its own price?	Yes/No	Yes/No	Yes/No	No
Does it influence the price of its ancestor together with other elements?	No	Yes/No	Yes/No	No
Is it requester to be the target of a price adjustment?	Yes/No	Yes/No	Yes/No	No
Is it requested to discount the service based on a commercial bundling?	Yes/No	Yes/No	Yes/No	No
Does it require a commitment period?	Yes/No	Yes/No	Yes/No	No
Does it require opt in / opt out?	Yes/No	Yes	Yes	No
Does the service have a pre-established duration?	Yes/No	Yes/No	Yes/No	No
Is it dependent on other products?	Yes/No	Yes/No	Yes/No	No
Is there any eligibility constraint?	Yes/No	Yes/No	Yes/No	No
Is it configurable during the sales process?	Yes/No	Yes/No	Yes/No	Yes/No
Does the configuration affect the price?	Yes/No	Yes/No	Yes/No	Yes/No