



# DISCON Specialists

EA Enabling Recipe

## Architectural Priorities

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### 1.1) Identify The Organisation's Business Rules

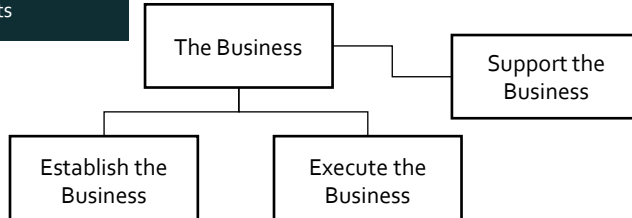


The Business Rules are the mechanisms used by the business to deliver offerings to certain stakeholders. For example, a company might enforce a rule that no orders are allowed without an original authorised quotation from an approved supplier.



### 1.3.) Function Structure Diagram (FSD)

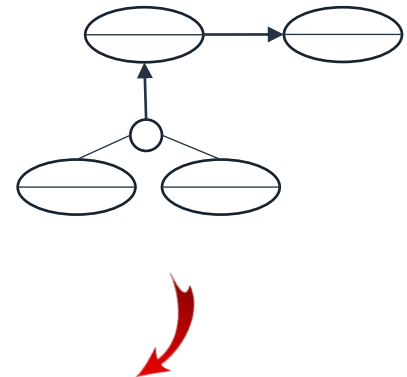
FSD of the Perceived Business which indicates the minimum set of functions required to achieve the goal of the business.



Consolidate

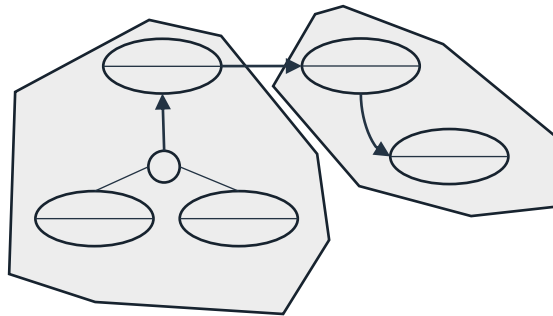
Consolidate

### 1.2) Interpret the Business Rules into an Attribute Dependency Diagram (ADD)



## 2.) Function Effect Backtracking (FEBT)

The FEBT technique results in a Mathematically verified and adjusted ADD, with verified Subsystem definitions.

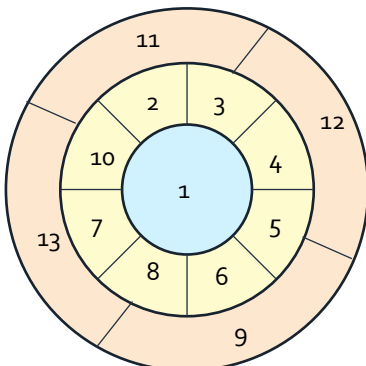


#### Mathematical Inference Rules:

- Augmentation
- Reflexivity
- Transitivity

### 3.1) System Ring Diagram

Create a System Ring Diagram for Management Presentation / Communication, showing the interdependencies of the organisations sub systems.



### 3.2) Schema Interdependency Diagram (SID)

Create a Schema Interdependency Diagram (SID) representing the mathematically preferred development order.

