

# Quizlet

## Business Processes

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### Key concepts:

Data Flow Diagram

Data Processing Cycle

Entity Relationship Diagram

### Terms in this set (37)

Business  
Process

Network of connected activities and buffers with well defined boundaries and precedence relationships, which utilise resources to transform inputs into outputs with the purpose of satisfying customer requirements.

Role of  
business  
processes in  
typical  
organisation?

Management and use of business systems...

Business  
process  
model?

a graphic description of a process, showing the sequence of process tasks, which is developed for a specific purpose and from a selected viewpoint

Data  
Modelling  
Diagrams

1. Entity Relationship Diagram/Crow's Foot Notation  
2. UML Database Notation  
Both are relational properties that define exactly how many instances appear in a child table for each corresponding instance in the parent table

Business  
process  
design

Aka: business process redesign.  
The creation of new, usually cross-departmental business practices

	during information system development.	
Lean Process	Increasing efficiency by reducing the wasting of time and/or materials	
Types of Business processes	Individual processes can be carried out by single person. Vertical/functional processes - Contained within one functional unit Horizontal/Cross functional processes - Spans several functional units	
Benchmarking Process	<ol style="list-style-type: none"><li>1. Identify a critical process that needs improvement</li><li>2. Identify an organization that excels in this process</li><li>3. Contact that organization</li><li>4. Analyze the data</li><li>5. Improve the critical process</li></ol>	
What is a data flow diagram (DFD)?	illustrates the movement of information between external entities and the processes and data stores within the system	
Data flow diagram levels	Context - Inputs and outputs Level 0 - All major activity steps of a system	

	level 1 - Show one major activity divided into sub-activities	
Context Diagram	An overview of an organizational system that shows the system boundaries, external entities that interact with the system, and the major information flows between the entities and the system.	
physical data flow diagram	Graphical representation of a system showing the system's internal and external entities and the flows of data into and out of these entities.	
logical data flow diagram	A graphical representation of a system showing the system's processes (as bubbles), data stores, and the flows of data into and out of the processes and data stores.	
Balanced DFD	When external data flows of 2+ DFD are equivalent	
Process Mapping	Used to describe the process visually Clarifies the steps/sequence in the process Clarifies who performs each step Identifies how the work flows through the organization	

Identifies where the key linkages  
are with other parts of the  
organization  
Helps to identify areas for  
improvement

### THIS SET IS OFTEN IN FOLDERS WITH...

#### **Business Information Systems**

19 terms



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#### **Lean & Quality**

18 terms



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#### **Outsourcing and Governance**

7 terms



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#### **Characteristics of valuable informa- tion:**

17 terms



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