Through DFD we can give the overview of the system without going into the deep tetail of the system.

· DFD also known and Bubble chart or data flow graph

Symbola used in DFD:-

Process

shows a frocess that transforms data inputs into data outputs.

Data Flow.

Depicts flow of data into or out of data a process or data store.

External

OR

-20Ur(Q

_sink

An External Entity that acts as a source of system Input or sink of system output.

Data

Data repository: a - collection of data items.

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Rules conti...

- 3
- . Process must have atleast one input and an output.
- · Data source must have atleast one data flow in
- · Data store must go through a process.
- · Process in Data Flow Diagram (DFD) go to another Process or data store.
- · unique names are important
- events like a flow chart,
- Logical expressions are not specified.

=> Levelling in A DFD

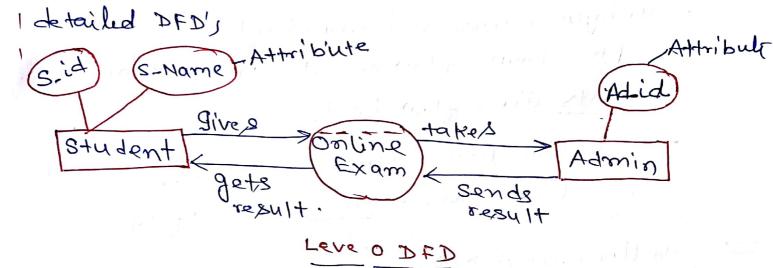
- * DFD can be drawn to represent the system at different Levels of abstraction.
- (Levelo) Higher level of DFD; are partitioned/refined into lower levels. that having more information and-functional details.
 - Level ODFD: Also known as context -Diagram or fundamental system

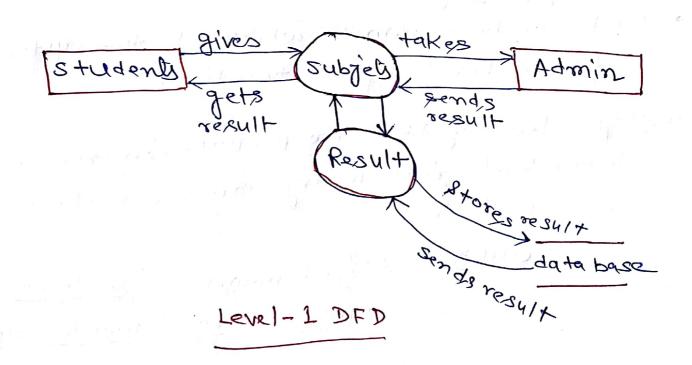
Levelling conti.

Level-O-DFD: - It represent the entire system as a single bubble with Input and on output data indicated by incoming & outgoing arrows

De Compose this DFD into multiple bubbles.

Beach bubbles is then decomposed into more





" Decision Tree and Table "

Age concession card Fee						
< 5	_	fore				
7 =5 &<18		81-				
7=18 & <ss< td=""><td></td><td>15/-</td></ss<>		15/-				
>=85	798	8/-				
, 33		6/_				

fee chart.

- Decision Table =							
conditions		Rules.					
4 5	V	a Wasa	. 1,				
>=54<18		V					
7=18 & <55 with concession card.			/				
>=18 & <55 mithout concession card.	ดา			<u> </u>	lessee		
7255		,			~		
Action		27,81		7.	1		
free	1	,					
81-		/	~				
12/-			,	V			
61-				, j	V		