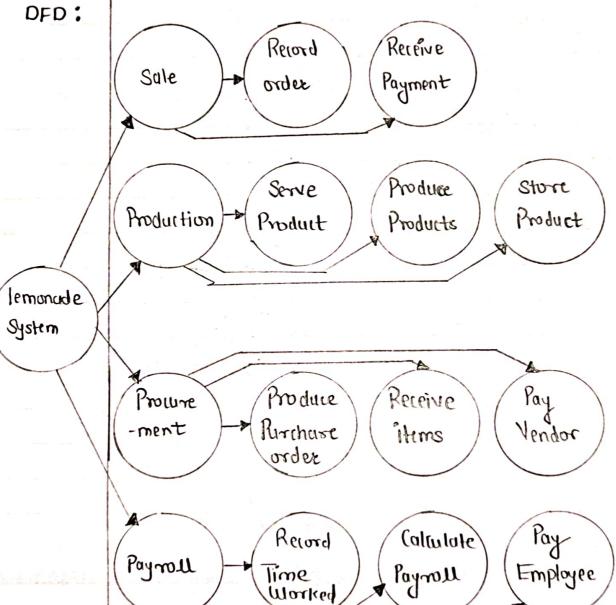
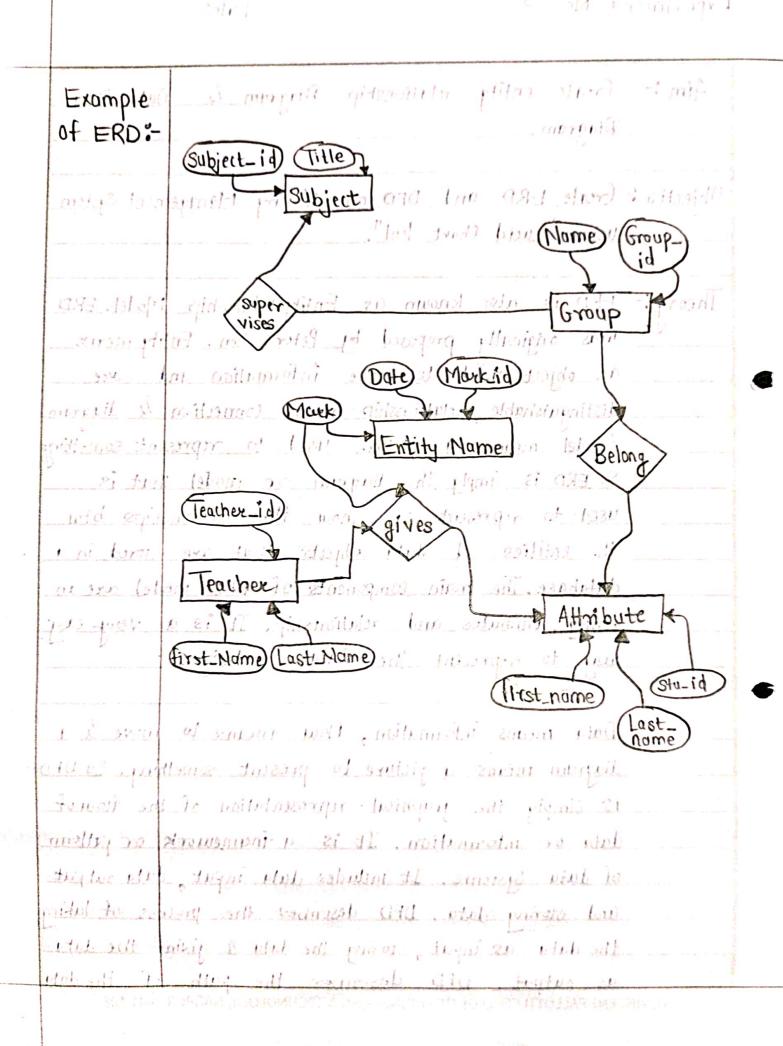
Aim: Create entity Relationship Diagram & Data Flow Diagram.

Objective: Create ERD & DFD on Library Management
System using "Lucid charet tool".

Example of lemonade Stand:



_Aim :-	Create entity relationship Diagram & Data flow
	Diagram.
Objective:	Create ERD and DFD on library Management System
,	using "Lucid Chart Tool".
Theory:	ERD is also known as Entity-Relatioship Model. ERD
	was originally proposed by Peter Chen. Entity means
	an object used to store information and are
	distinguishable, relationship means connection & diagram
	Imodel means 9 pirture used to represent something
	So ERD is simply the diagram or model that is
	used to represent or show the relationships by
	the entities of data objects that are stoned in a
	database. The main components of ERD model are an
) !	entity attributes and relationship. It is a very cary
	may to represent the database design.
777	ARISE & SHINE
1 -	Data means information, flow means to move & a
	diagram means a picture to present something. So DFD
	is simply the graphical representation of the flow of
	data or information. It is a framework or pattern
	of data systems. It includes data input, data output
	and storing data. DFD describes the process of taking
	the data as input, storing the data & giving the data
	as output. DFD describes the puth of the data
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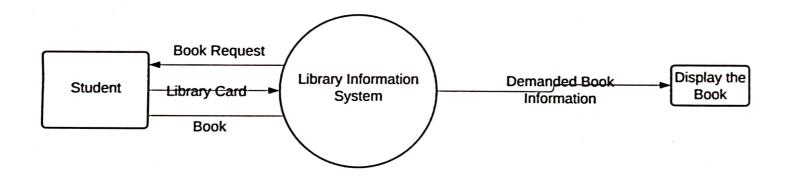


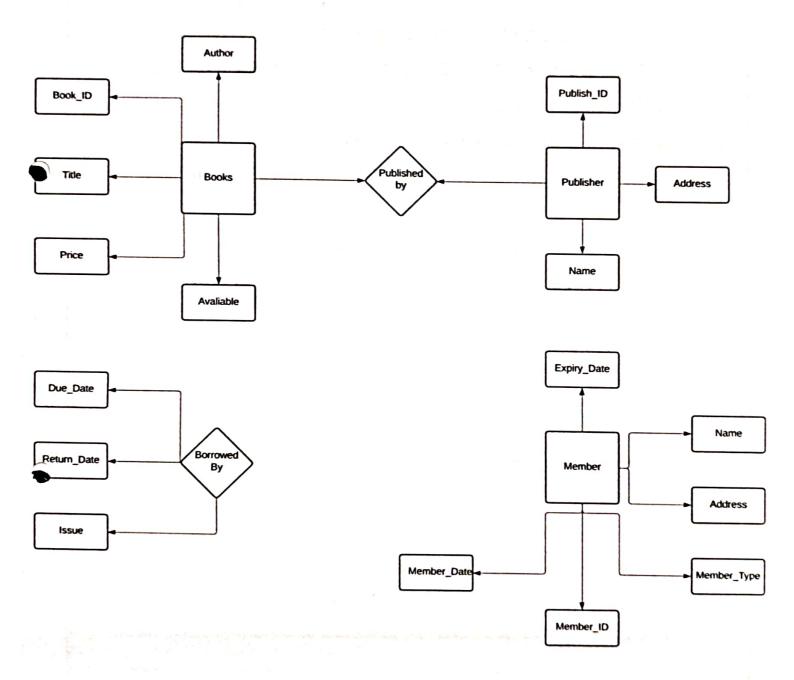
Companison: Stands for Data flow Stands for Entity Relationship Diagram - nahip Diagram or Model Main objective is to represent Main objective is to represent the processess & data flow sent that data object or between them. The explains the flow & process It explains & represent the of data input, data output & relationship blue entities		types at DFD: O Data	How Diagram.
Diagram — nahip Diagram or Model Main objective is to represent Main objective is to represent the processess & data from sent that data object or between them. Perplains the flow & process It explains & represent the of data input, data output & relationship blue entities	Table of	DFO	ERD
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Detween them. entity & Relationship thu them The explains the flow & process It explains & represent the of data input, data output & telationship blue entities			Charles Raine
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of data input, data output & telationship blu entities		Detween them	erminy a relationship dru thim.
of data input, data output & telationship blu entities		It explains the flow & process	It explains & represent the
Storing data stored		of data input, data output &	telationship btw entities
		Storing data	stored
Rule followed by DFD is that Rule followed by FRD is			
atteast on endata flow should that all entities must			
be there entering into a leaving represent the set of similar		_	
them process or store. things.		them process or store.	things.
		It models the flow of	It model entities like people
			objects, places and exents
332	3	System	for which data is stored
in 9 System.			in a system.

	Conclusion:	We have Successfully executed the experiment by creating a Entity Relationship Diagram (ERD) & a
	*	Creating a Entity relationship Diagram (EKD) a d
	- Allti	Data flow Diagram (DFD) for a library management
		System using Lucid tools chart. The ERD effectively
	ne anglessament transfer net settlement safter	illustrates the entities & their relationships; while
	oitelel ptil	the DFD mapped out the data flow within the
	Isto/ _ n	System: This resperiment enhanced our understanding
		of system design & demonstrate the value of using
	man of e	lucidit chart for visualizing complex procession
		the processes & data flow -sent bout data
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Conclusion: We have Successfully executed the experiment by creating an Eitity Relationship Diagram LERD) & a Data Haw Diagram (DED) for a library management system using Lucid tools Chart. The ERD effectively illustrates the entities and their relationships, while the DFD mapped out the data flow within the system. This experiment enhanced our understanding of system design & demonstrate the value of using lucid chart for visualizing complex process.
ARISE & SHINE