

Date

## Assingment -1

owith neat diaglam explain the database System en illunet of proglam that enables uses to cleate and maintain a database.

The DBMs is a "herelal-pulpose S/w Sythem that fairlitates the Places of defining, and shaling databases among valious week & applications.

Defining: 
a database involves splintging the data types, Istantials

substantial of the data to be stoled in the database. The

database defination of information is also stoled by the DRMS
in the form of a database catlog of dichidualy; it is called

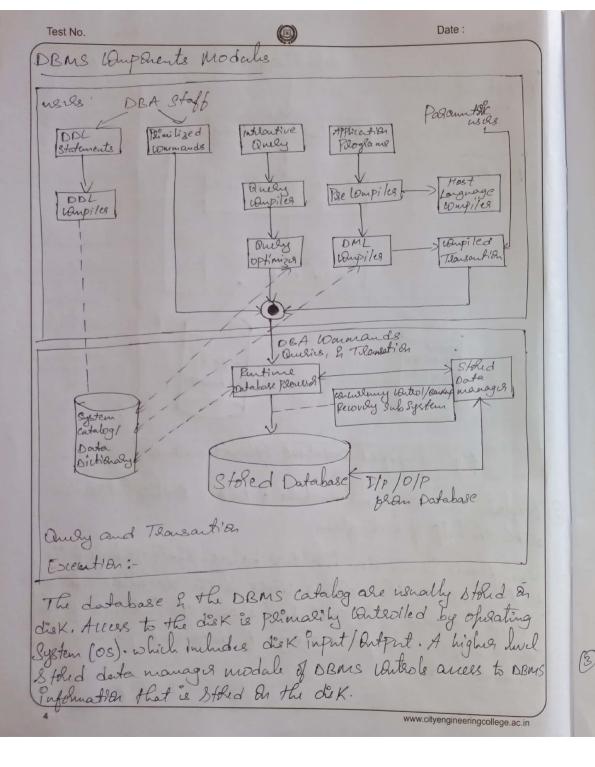
muta-data.

the darkabase is the Process of Stoling the data on Some Stolage medium that is constituted by the DRMS

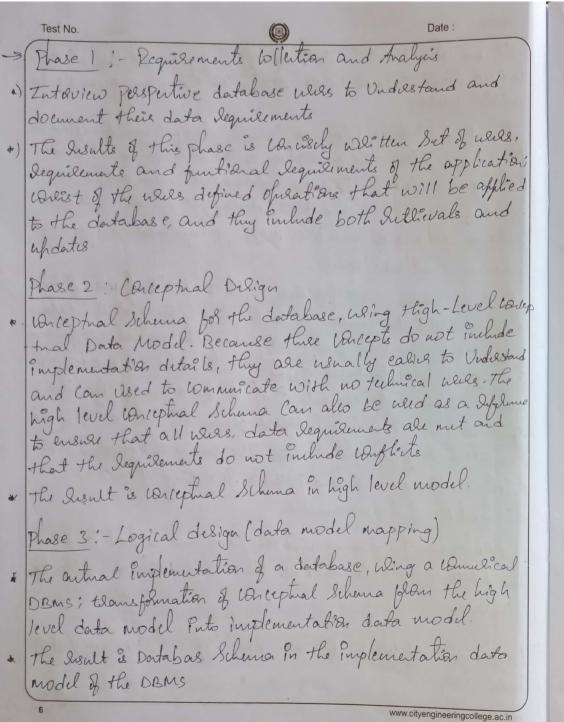
Manipulating a database includes functions Such as quelying the database to Sethieve Sperific data, up dating the database to Sethet changes in the mini world, and Cremelating Suports from the data.

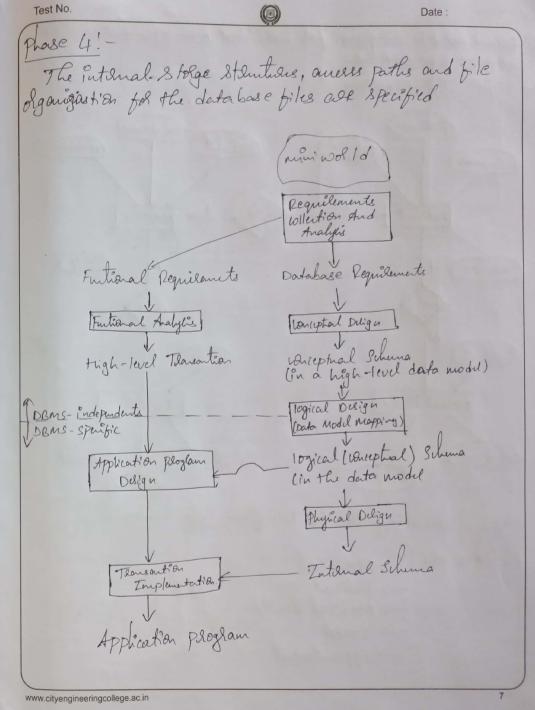
iv) Sharing a database allows multiple vers & Ploglams to arress

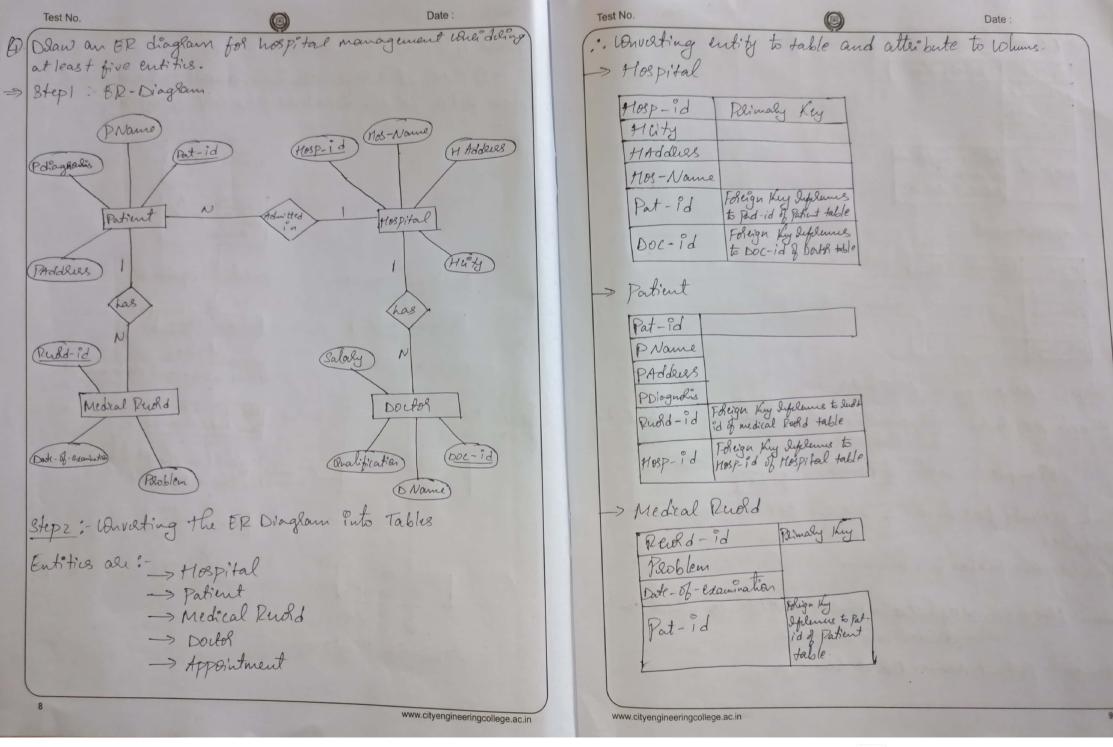
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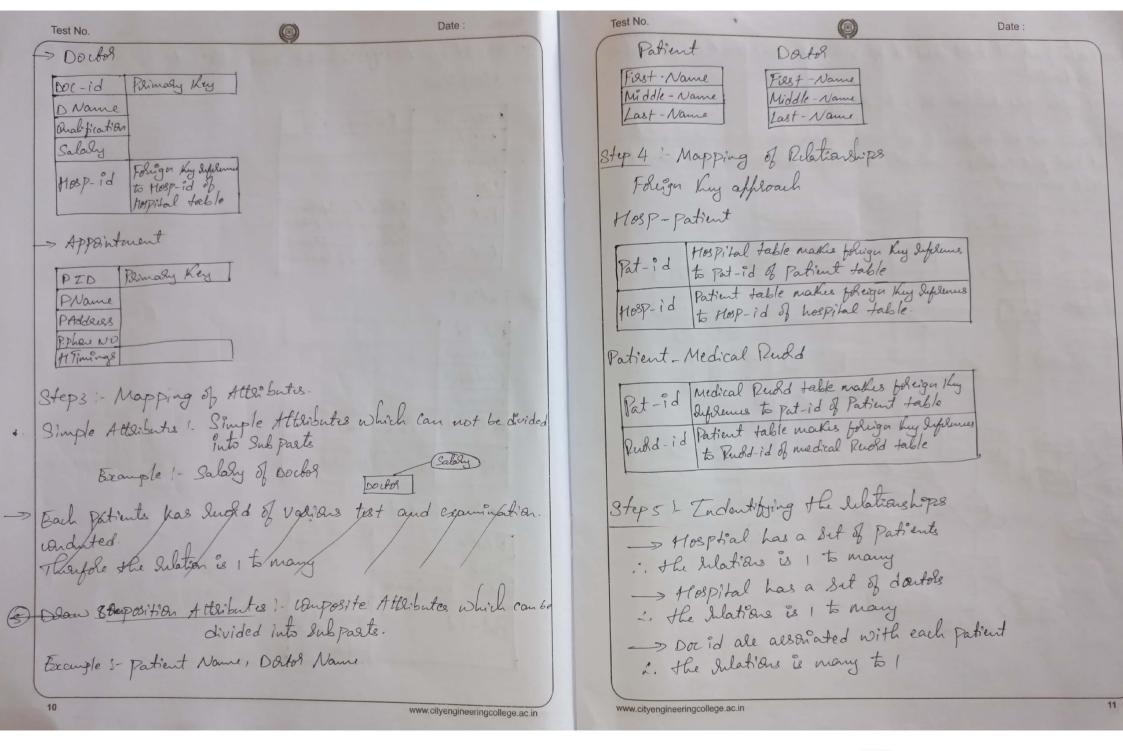


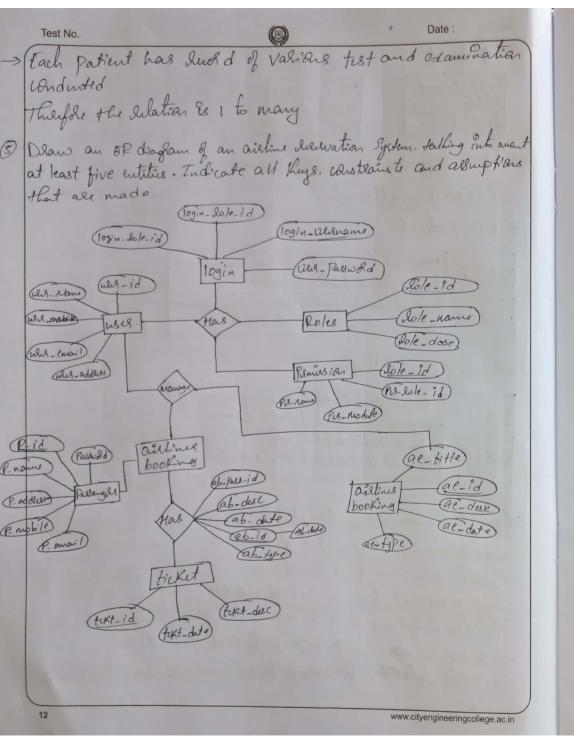
To we wherede the top half of the figure. It shows interprete to DBA Staff, casual weeks, Application proglammes and palameter weeks. The DDL coupiles Placeses Schuna definitions, Sperified in the DOL & Stokes the description of the Schema in the DBMS catalog. The Catalog includes information Such as dames & lized of the lizes of the files, datatypes of data items. storage détails of cach file, mapping infoluation among Schemas and Westlants. Casual Whise and pulsars with occasional need of infor mation flow destabase intelact Wing Some for of interface which is Entrantive guely interface. The guelies are passed, analyzed for collectness of the operations for the model, the Names of the Lata elements & so on by a query compiles that compiler them into Puternal John. The Puternal quely is Subjected to gruly oftenization. The gruly oftenizes is whiched with Deadlangement and Polsible Sundding of operations, dominations of dedundamics. Application Programmer wartes Programs in host languages. The Pecianpiles extrants DML Commands plan an application Hoglam. 3. Explain with block diagram the different phales of data. base disign. www.cityengineeringcollege.ac.in

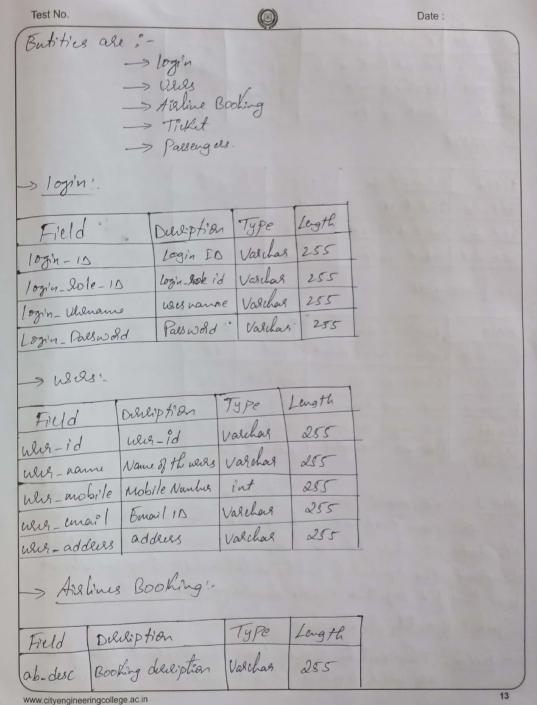












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Step 1: We must familize Ruschers with the entity Inlatiaship diagram cashinality & Symbols Thun we have to show the data struture for the Project in the entity Inlatianship diagram. The Symbol of entity Inlatianship diagram shows how they for together Before marking the BR diagram.  Symbol of entity Inlatianship diagram:  Symbol of entity Inlatianship diagram:  Tields: This entity shows how the different type of data.  are used together for a Project. The Symbol is used  www.cityengineeringcollege.ac.in				
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to show how the past of the Project is working -> Kny: - It is a type of technique that is used to categolize the quality of the date. These are two types of they available for the database. These are as pollows! 1) Plinary Kry: - It is a Set of Chique Profueties that are alld for finding the sperific entity. 2) A foleign ky!- It is a type of ky made up of a fine of date with two many links to other things. Step 2 :- Finalize the entities imbuded. Start mathing your ER Diagram by deciding on all the Parts your airline Juliwation lystem must have . You'll need to know the area in your design for those Julangles to be included later. Step 3? - Add the attributes of each entity. After you have decided the entities, that about the thaits you will need for each one. In a uniceptual BR diagram, the deals of the different entities are given as atteibutes. Attributes are thing dikthery a thing's traits, a many-to-many Julationship, of a due-to-one Julationship. AttRibutes with values can be given mole than he value Step4: Discribe the Salationships b/w entities & attendes You will need the entities, their attributes & the Inlationships

How them to plot the sulationships blow the BRD. to the sight entity sulationship dragsam, you will use the information you gathereal to build the data stantings

Alsemption; we need to know how the Airline Delivation Systems was deligned & built whing diaglams. with the help of an BR diaglam it will help us to make a System that works well. Making ith will help us to Understand how the sfa wolks behind the Scenes. This is where all the data that gos in hat of the System will be stoled.