Reg no:

L1f17bscs0159

Name:

Mahelaka

Section:

B

Case study of SMS(school management system)

In this system we describe or manufactured a software that have unique applications

In this application we serve convince of school management system with the help of many basic requirements of database which helps out many schools to fetch and save their records easily :

* ER models
* Conceptual schema
* And design

Now we verbally construct system management requirements here then we make conceptual schema and from them we finalize their physically schema which is actually our system or application

The school management system database keeps track of school student ‘s

Teacher’s, subjects ,timetable, fee structure ,and grading system .

From all this entites and with the help of their attributes collection

Designer of database provide the description of this system

This part of school management system will be represented in the database

As following data fetching method ;

* The school system is organized into students :

Each student has a unique name ,unique ID ,

Gender ,cnic no ,address ,phone number ,and father cnic.

And each student have register# which represent him or her on school record

* As same this system also organized teacher :

Each teacher has a unique name ,unique ID.

Gender, cnic no ,address, phone number ,and matirty status.

* The student and teacher mainly attached from one entity called subject :

Subject has unique ID ,title , and the thing which connects student and teacher in class is class\_ID , from which we will get help with it to makes connects.

* Now the second which helps us to bring record of student and teacher is section

Section also has a unique id , name , and connecter of student and teacher class\_id.

* Timetable controls all the management system which is based upon student teacher and their records :

Timetable has rooms, time, day.

And teaher\_id ,subject \_id to fetch them in system of organized model .

* Fee structure of any school is the cardinal crucial based system :

In fee structure we need class\_id to manufactured each student fees ,

And also a fees , discount on critirea, school fines and charges .

* Now its time to fetch record of all students from which this system basically baron

Is grading and store results in this applications for easy acess :

Quizzes, all terms result records .

* The database will store each student ,teacher record, with name, results, address,

Salary, fees, gender, and register number , an student is assigned to on class along section similarly for teaches , but with one or more sections or class ,

On which they teaches and work on , which is not necessarily controlled by the same class teach may teaches different class with different subjects .

* The database will keep track of the fees structure along their discount critira that is he or she have dependent or guardian of any student or teacher for fees maintenance or records .