***Covid Patient Management System***

ABSTRACT :-

This project covid Management system includes registration of patients, storing their details into the system, and also computerized billing in the pharmacy, and labs. The software has the facility to give a unique id for every patient and stores the clinical details of every patient and hospital tests done automatically. It includes a search facility to know the current status of each patient. User can search details of a patient using the id. The covid Management System can be entered using a username and password. It is accessible either by an administrator or receptionist. Only they can add data into the database. The data can be retrieved easily. The interface is very user-friendly. The data are well protected for personal use and makes the data processing very fast.

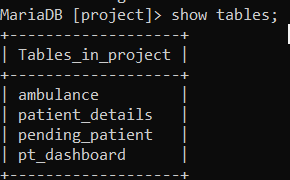
OBJECTIVE :-

In order to create the covid management system feature list, you need to identify your priorities by choosing the benefits that are prior for your case.

1. Improved Processes. ...
2. Digital medical records. ...
3. Staff interaction. ...
4. Facility management. ...
5. Financial control and tax planning. ...
6. Market strategy. ...
7. Insurance claims processing.

STRUCTURE OF TABLES

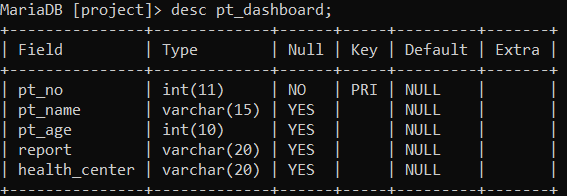
**TABLE LIST IN PROJECT :-**

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**PATIENT\_DASHBOARD :-**

This table contain all the information of patient including their

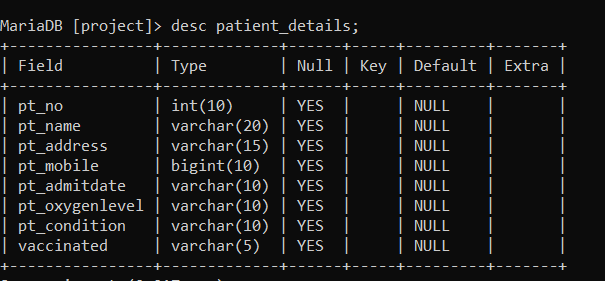
Name , mobile no. , age , report



**PATIENT DETAILS :-**

This table contain all the information of patient including their

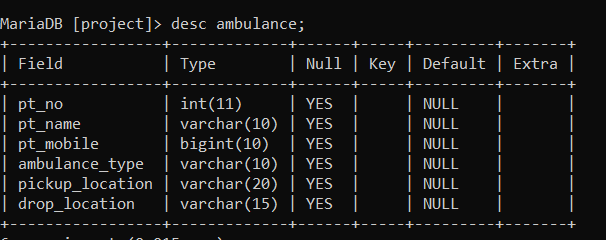
Name , mobile no. , age , addrese .

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AMBULANCE :-

This table contain all the information of patient including their

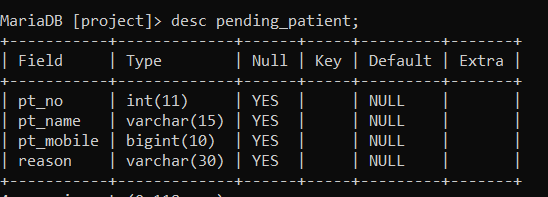
Name , mobile no. , pickup location , drop location .



**PENDING PATIENT :-**

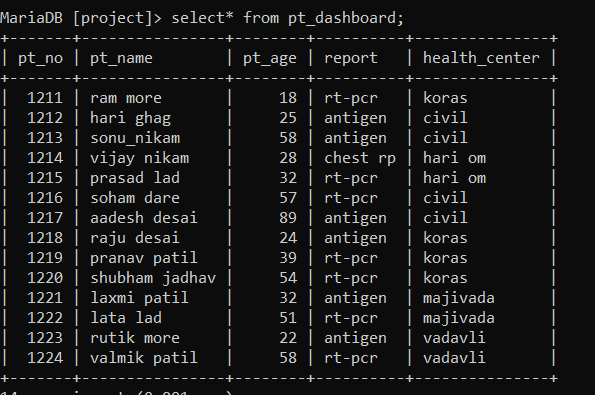
This table contain all the information of patient including their

Name , mobile no. , age , reson .

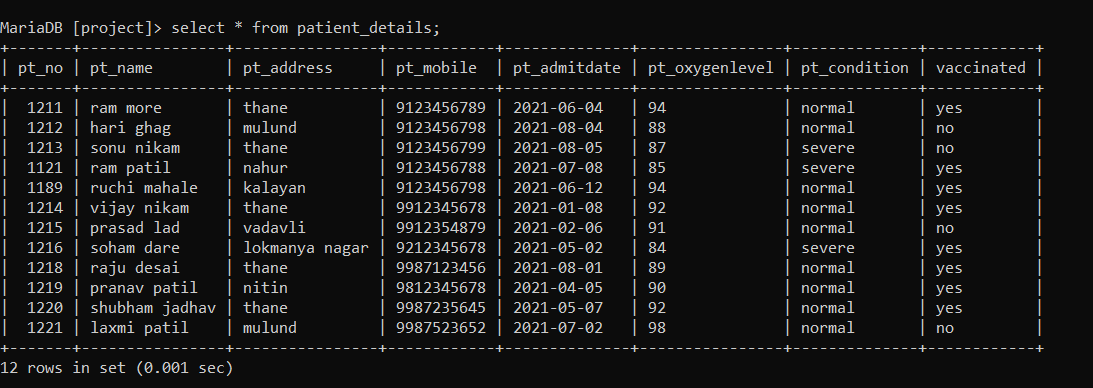


**CONTENT OF TABLES:-**

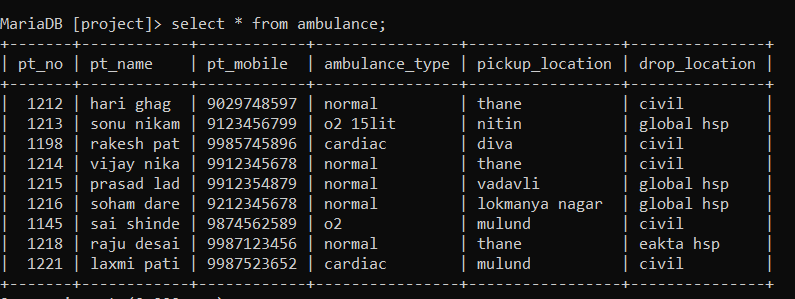
**PATIENT\_DASHBOARD :-**



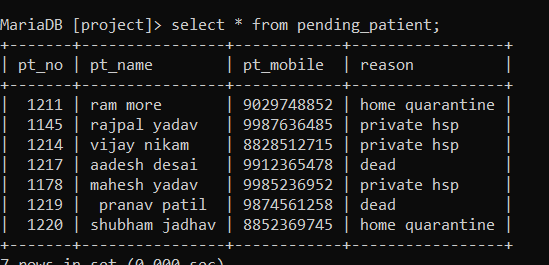
**PATIENT DETAILS :-**

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AMBULANCE :-



**PENDING PATIENT :-**

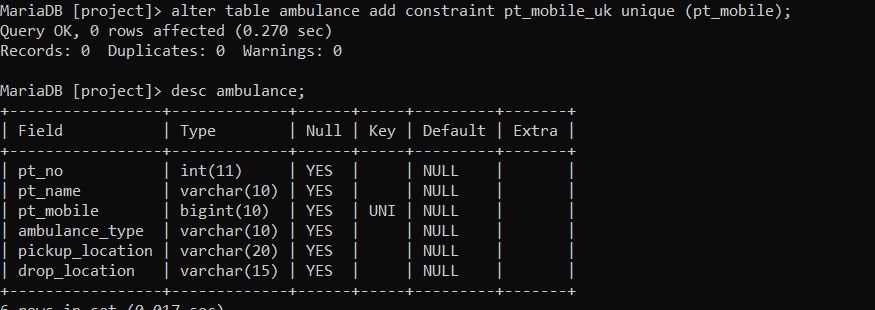


**CONSTRAINTS :-**

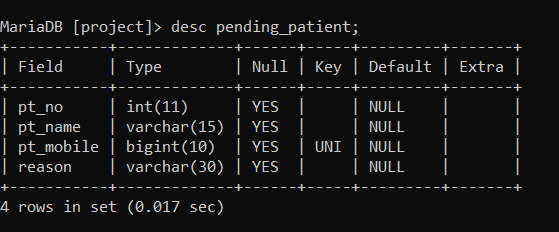
Unique key

A Unique key is a set of one or more than one fields or columns of a table that uniquely identify a record in a database table.

1. Show the pt\_mobil no. as a unique key In ambulance table .

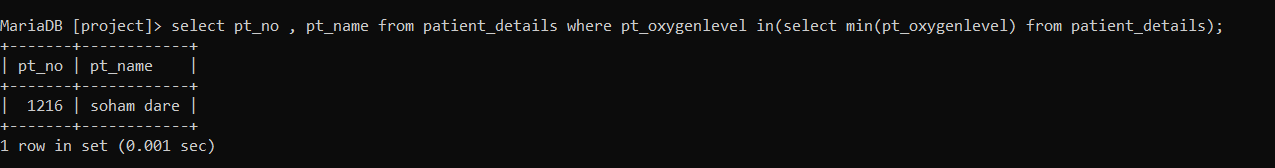


1. Show the pt\_mobile no. as a unique key in pending\_patient table.

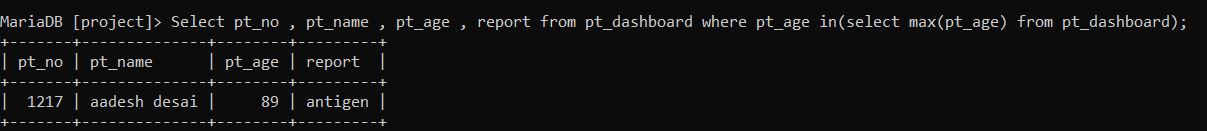


SUBQUERIES :-

* You can place the Subquery in a number of SQL clauses: WHERE clause, HAVING clause, FROM clause. Subqueries can be used with SELECT, UPDATE, INSERT, DELETE statements along with expression operator.
  1. select pt\_no , pt\_name from patient\_details where pt\_oxygenlevel in(select min(pt\_oxygenlevel) from patient\_details);

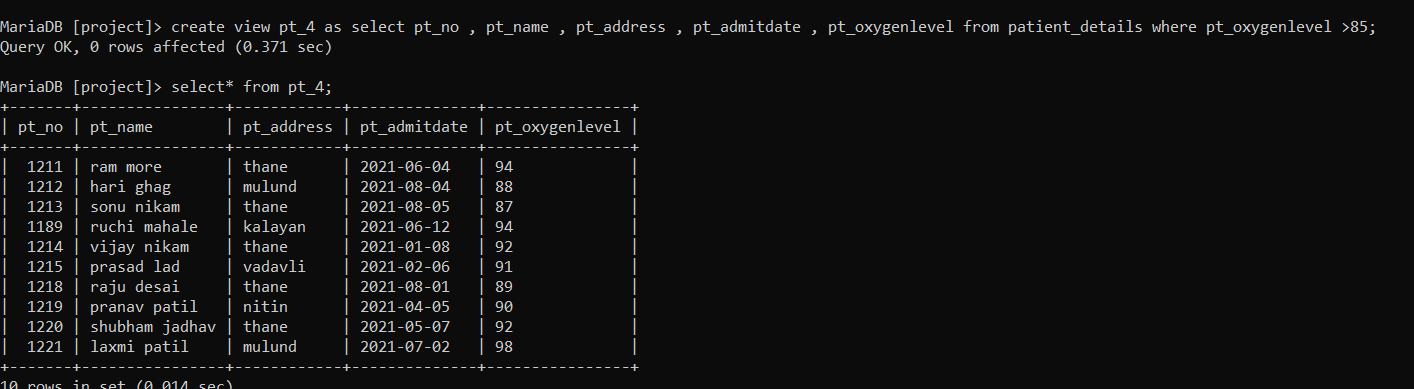


* 1. Select pt\_no , pt\_name , pt\_age , report from pt\_dashboard where pt\_age in(select max(pt\_age) from pt\_dashboard);

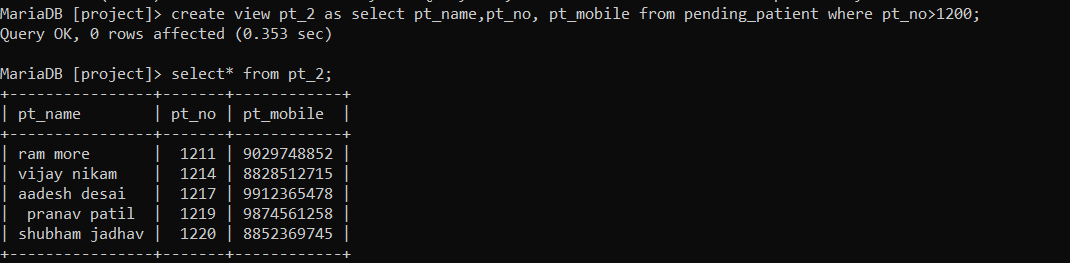


Views:-

* A view is a virtual table whose contents are defined by a query. Like a table, a view consists of a set of named columns and rows of data. Unless indexed, a view does not exist as a stored set of data values in a database.
  1. Create view pt\_4 as select pt\_no , pt\_name ,pt\_address , pt\_admitdate ,pt\_oxygenlevel from patient\_details where pt\_oxygenlevel >85;



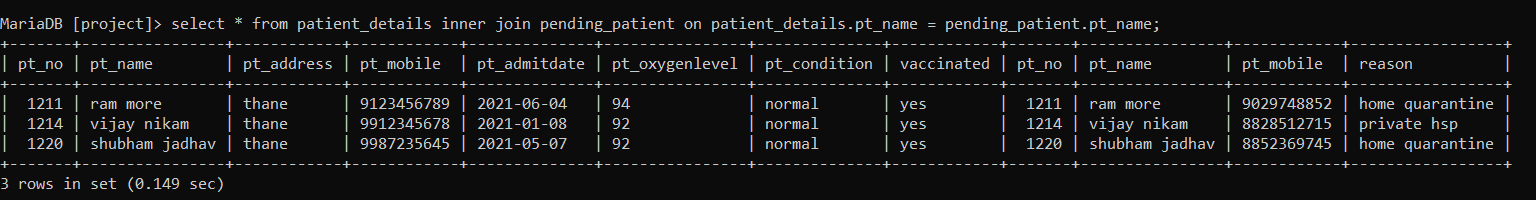
* 1. Create view pt\_2 as select pt\_name , pt\_no , pt\_mobile from pending\_patient where pt\_no>1200;



JOINS :-

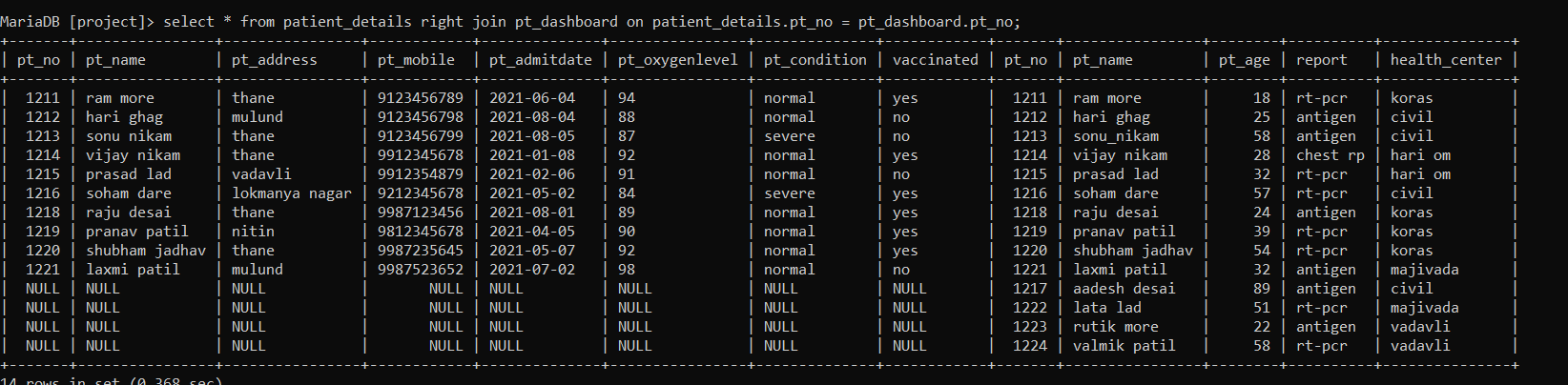
A JOIN clause is used to combine rows from two or more tables, based on a related column between them. Let's look at a selection from the "Orders" table: Then, look at a selection from the "Customers" table:

1. SELECT \* from patient details inner join pending\_patient on patient\_details.pt\_name = pending\_patient.pt\_name;



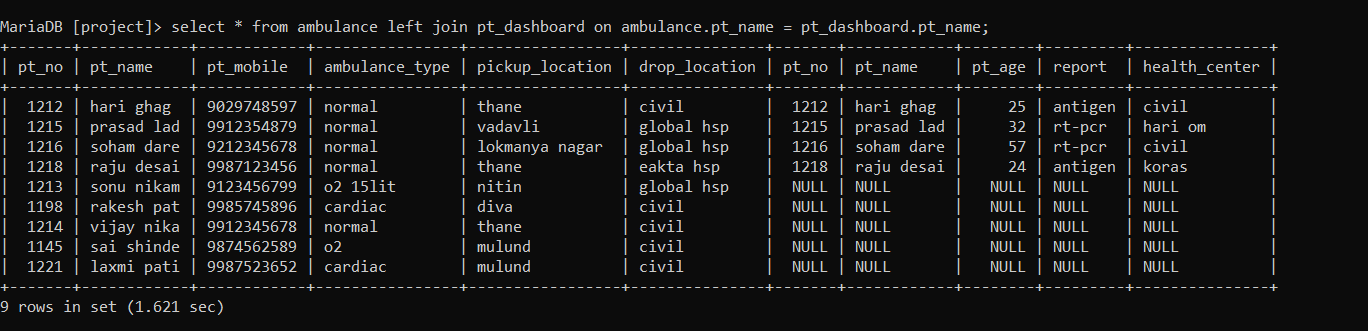
 Right join:-

1. Select \* from patient\_details right join pt\_dashboard on patient\_details.pt\_no = pt\_dashboard.pt\_no;



 Left join :-

1. Select \* from ambulance left join pt\_dashboard on ambulance.pt\_name = pt\_dashboard.pt\_name;



ER-DAIGRAM:-

AMBULANCE

PATIENT\_DETAILS

PENDING\_PATIENT

PT\_NO

PT\_NAME

PT\_AGE

REPORT

HEALTH\_CENTRE

PT\_NO

PT\_NAME

PT\_AGE

AMBULANCE\_TYPE

PICKUP\_LOCATION

DROP\_LOCATION

PT\_NO

PT\_NAME

PT\_ADDRESS

PT\_MOBILE

PT\_ADMITDATE

PT\_OXYGENLEVEL

PT\_CONDITION

VACCINATED

PT\_NO

PT\_NAME

PT\_MOBILE NO.

REASON

PT\_***DASHBOARD***

PT\_MOBILENO.

PT\_ADMITDATE

PT\_OXYGENLEVEL