

Airport

Group 4

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1.goal and description

This database is used to organize the information, to decrease confusion and to enhance the service so it is beneficial to the managers of airport to know these information easily:

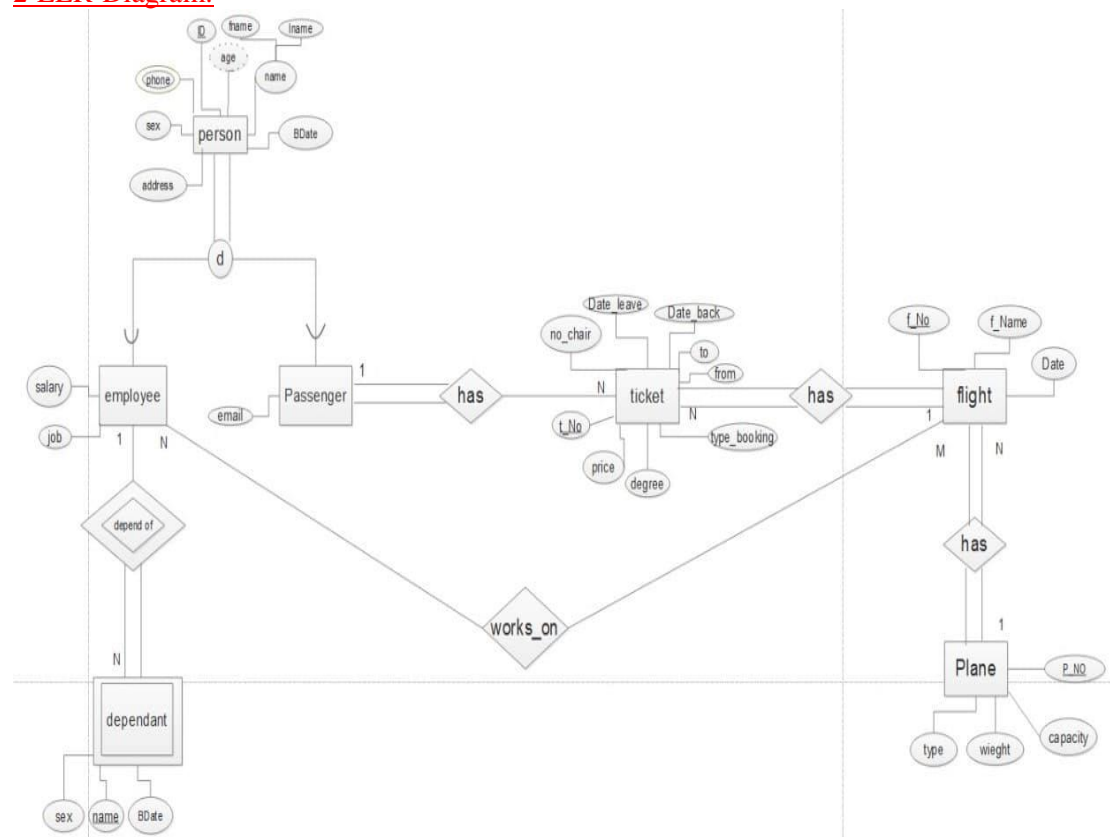
- How many flight launch in day??
- Save the information for employee.
- knows the arrival and departure time.

Overview

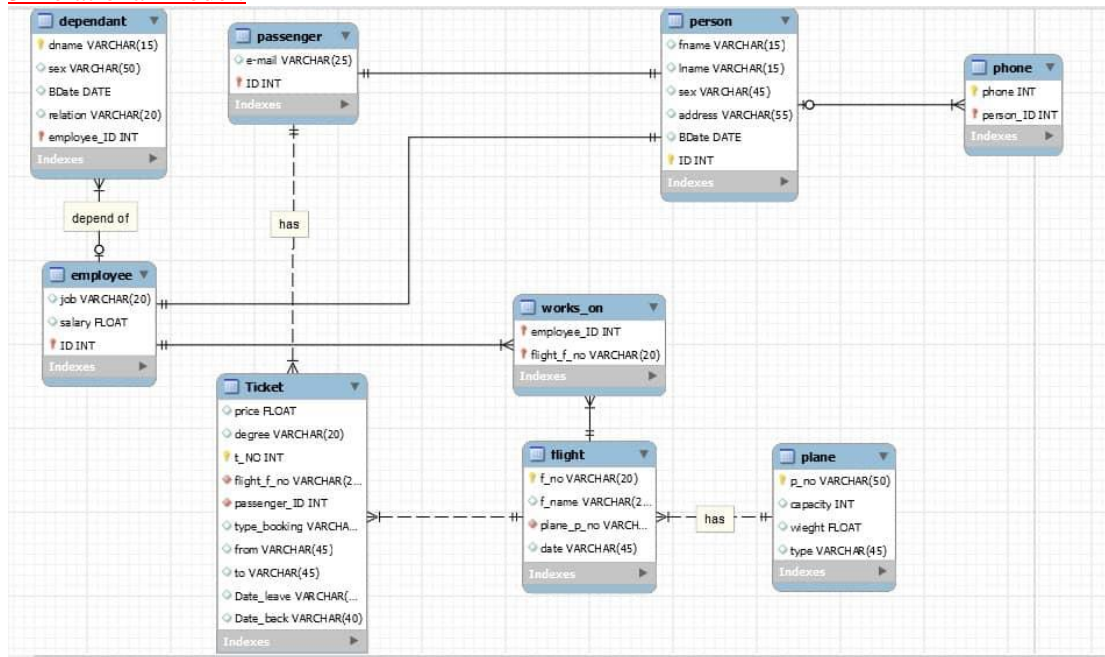
The database of airport keeps, organizes the process and the procedures of the travelling, the database illustrative will be maintaining the travelling process and keep it in a professional it is the method of regulation:

- The database of the airport will be saving the passenger's information and keep it confidential.
- The database of the airport will be saving a lot of time.
- The database of the will be facilitating the traveling process.
- The database will be regulating the flights with the exact date and time.
- The database of the airport will be including the passenger's information like for instance: passenger's first and last name, special social number" national ID" ,passenger's email, phone number and address.

2-EER-Diagram:



3-Relational Model:



The following queries SQL on the airport relational database

1-retrieve all employee has id=123123123

Select*

from employee

where id=123123123;

2- retrieve all salary and name of employee and add 12%

select p.fname,p.lname,e.salary,e.salary+0.12*salary as total salary

from employee e, person p

where e.id=p.id;

3-Retrieve the first name and salary of all Employee whose salary between 5000 and 12000

select p.fname,p.lname,e.salary

from employee e natural join person p

where e.salary between 5000 and 12000;

4-change type_booking for passenger id=123454326 to round trip

update ticket

set type_booking='round trip'

where passenger_id=123454326;

5-delete the data for passenger id=1312423543

delete from passenger

where id=1312423543;