

## REQUIREMENTS :

- Applicant has applicant ID,status,test\_id,p\_id.
- Document has document\_name,p\_ID.
- Employee has employe ID,  
name,post,Dob,contact\_number,salary,address,gender,post.
- Has\_license has test\_id,app\_id,license\_id.
- Test\_Appointment has appointment\_id,appointment date and time,venue,results.
- Vehicle\_type has vehicle\_type\_id,vehicle\_type\_name
- vehicle\_owner has  
vehicle\_owner\_id,name,contact\_number,address,email\_id.
- Vehicle has vehicle ID,vehicle\_name,amount, model name, number plate,number\_of\_seats,date\_of\_registration,vehicle\_type\_id,p\_id,emp\_id  
.
- license\_type has license\_type\_id,license\_name,charges.
- License had license\_number, issue date, expiry Date,address,emp\_id,license\_type\_id.
- Insurance has  
policy\_number,vehicle\_id,insurance\_type,date\_of\_registration,company\_name.
- Person has person\_id,person\_name,contact\_no,dob,aadhar\_no,gender.
- An applicant can give one or more tests and one test can be given by one or more applicants.
- An applicant can have zero or more vehicle.
- Every applicant can apply for appointment for once at a time.
- An applicant can have one license or more license and one license can be held by one applicant.

- One applicant can upload one or more documents.
- One vehicle owner can have one or more vehicles, vehicles can have one vehicle owner.
- one vehicle owner can have one insurance policy at a time.
- One vehicle can have one number plate and vice versa.
- For an applicant there must one or more documents.
- A vehicle must have number plate.
- A vehicle must have vehicle owner.
- A person can have more than one test\_appointment and have one or more than one vehicles.

## **Queries that database system should be able to answer :**

1. Retrieve the applicant Id, name, who have passed the test on “xyz” dates.
2. List the names of applicants who have failed thrice in the driving test.
3. Retrieve the sales of single day or week.
4. Available days for appointment and booking.
5. List the name of the people who have two or more vehicles.
6. A person who has learning license but not permanent license.
7. Retrieve the name of the applicants whose license will expire on or before “xyz” dates.
8. Retrieve the person who clear the computer test but not clear the practical test.