

Title: Database for keeping track of Court Cases in different states.

Scope of Database:

Court case management system involves victim, advocate, judges, respondent, case details and the certified copies of each and every judgments.

Our task is to keep record of all of the information about the cases being filled in different states and the status of them. Database requirements for the same are given below:

Description/Requirements:

1. **User_det** has it's ID ,name ,city , contact no. and aadhar number.
2. A FIR has fir no, registered date and description.
3. Case has case no. ,court ,start and end date, status and locality.
4. Advocate has ID, name, degree , experience, contact no, city and bar association no.
5. Judge has ID ,name, experience, contact no, city, assistant name and active cases.
6. Court has ID, type, area, court no., and its name.
7. Case type has its ID and name.
8. User_type has its id and type(victim or accused).
9. Each victim can have multiple FIRs and any FIR can have multiple victims
10. Each accused can have multiple FIRs and any FIR can have multiple accused.
11. One case can have only one FIR registered.
12. A case can have multiple advocates and an advocate can handle multiple cases.
13. An advocate can prefer multiple case types.
14. A case can have different judges and a judge can handle multiple cases.
15. A court can have different judges and many advocates.
16. A court can have multiple cases dealing at a same day.

Queries that the database system should be able to answer:
(You can consider this as requirements from application user)

1. Retrieve number of cases an advocate has handled.
2. Retrieve number of cases of "criminal" type registered in 'Ahmedabad' in 2017.
3. Retrieve details of cases registered on a FIR.
4. Retrieve cases registered on user name 'Dhawal'.
5. Retrieve details of advocate with experience greater than equal to 9 years.

6. Retrieve victim's detail from case no.
7. Retrieve case status from case no.
8. Retrieve judge names working in Family Court.
9. Retrieve all the court names starting from 'G' with its area.
10. Retrieve names of judge and advocate of Gujarat.
11. Retrieve number of victim under 'Priya'.
12. Retrieve number of cases running in 'Gujarat High Court'.
13. Retrieve number of cases running under 'Criminal' type in 'Gujarat High Court'.
14. Retrieve all the cases registered in 'ahmedabad'.
15. Retrieve victim details from Fir number.
16. Retrieve all details of advocate working in 'Patna Civil Court'.
17. Retrieve details of advocate who are victim.
18. Retrieve name of judge judging a 'Civil' case type in 'Ahmedabad'.
19. Retrieve judge details whose experience is ≥ 8 .
20. Retrieve name of person who is accused in more than 5 cases.
21. Retrieve details of advocate who prefers 'Criminal' case-type.
22. Display Case type with Maximum no. of cases registered.
23. Retrieve all the details of cases which is starting from '4-9-2016'.
24. Retrieve details of advocate who has handled case in 2017.