**Visitor management**.

**Queries**

Application should manage the Visitors and hosts along with their details.

Each visitor will be identified by VisitorId. Visitor has attributes like: Name, Location, Parent Company, Purpose, Mobile Numbers, Visting Date and Host name.

Host attributes include: HostId, HostName, employeeNumber, department, location and Contact number.

The Visitor Manager and Host should able to allow the following activities:

1. Add new Host
2. Add New Visitor
3. View all Host details
4. View all visitors
5. Update Visitor details based on visitor Id.
6. List All Visitors on a given date.
7. Remove the visitor from Visitor list.
8. Host should able to view his own Visitors

Users (Host/ Manager) should login into the application in order to perform actions in the system.

**Write queries for below requirements:**

1. List all locations in the system
2. List locations with visitors.
3. List the location names that starts with given string.
4. Get number of Hosts in the system
5. Get number of hosts in a given location id.
6. List all visitor names for a given host
7. List all visitor information on a given date
8. List the visitors sorted based on visiting date, latest date first.
9. List of visitors with no host assigned.
10. List of visitors for a given host name
11. List of visitors for a given department
12. Get average number of visitors for a given host id
13. Get average visitors for a location on a given date.
14. List of visitors’ information who has visited a host with maximum number of visitors.
15. List the hosts with minimum number of visitors
16. List the hosts with no visitors
17. Get the count of visitors and visiting date for all available dates.
18. Get Visitor details for a given host those are visited between given dates.
19. Get the list of users who are not managers.
20. Get list of visitors with out Phone number