Functional Requirements:

1. List the names of doctors from each department with highest consultation charges.

2. Count the number of doctors in each department.

3. List the details of nurses working in a particular shift.

4. List the name of doctors who have done more than 2 operations in a month.

5. List the name of doctors working in a particular shift.

6. Given the doctor's id, retrieve the names of patients he has treated so far.

7. Retrieve details of nurses assigned to a particular room.

8. Count the number of patients preferring a particular category of room.(to understand which room category is preferred so the infrastructure of rooms in hospital is adjusted accordingly)

9. From date A to B retrieve the data of visited patients.

10. Get the admit history of a particular patient.

11. List of medicines prescribed to a patient on a particular visit.

12. List of the disease of a particular patient in previous visits.

13. Show the details of patients treated by a doctor.

14. Show the details of patients operated by a particular doctor.

15. Count the number visits of a particular patient as per his disease.

16. List the details of the doctor working in a particular department and shift.

17. Get the revenue generated in a particular month.

18. Get the last prescription of a particular patient.

19. Total revenue contributed by a doctor in a financial year.

20. Count the number of particular operations in a year.

21. Count the number of operations done by doctors in a year.

22. Count the number of patients who took appointments with at least two different physicians.

23. Obtain the names of all patients whose operation is done by a doctor who is head of a department.

24. List the Nurses who have taken leave on a particular date.

25. Get the revenue generated in a particular month by rooms.

26. List the substitution of nurses on a particular date.

27. Count the number of leaves taken by a particular nurse in a given time.

28. Count the number of leaves taken by each nurse in a year.

29. Select the details of doctors (department wise) whose consultation charge is greater than the average consultation charge.

30. Number of new patients registered in the hospital in a year.