MEDICAL RECORDS SYSTEM

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OBJECTIVE AND FEATURES:

Medicine is and always has been an inseparable part of humanity. Over the past decade, the industry has seen an upward rise thanks to advancement in technology and science.
With so many hospitals, doctors and patients it becomes difficult for the concerned authorities to maintain a systematic record of all the appointments, operation schedules, patient histories and other medical related stuff that needs to be accounted for. Keeping physical hard copy records of all the information demands high maintenance, time, space and patience. Also, finding a patient's medical history out of millions would be as tough as finding a needle in haystack.
In order to solve these problems, we are proposing this project which would not only store all the concerned information but would let the user query the DBMS processor, returning information based on the user specified constraints.

SOME QUERIES:

Records that belong to a particular department, thereby determining which dept is the busiest/ gets the most patients

Medical test/operation performed and the medicines required corresponding to the most prevalent disease currently

Surgeon who has performed maximum number of operations

No. of operations performed by a surgeon

SOME COMPLEX QUERIES:

Disease most common right now

Most common medical prescription, thereby helping in maintaining the stock for that particular medicine

Most common medical tests/operation performed, so that there are proper equipments for that

Getting a patient's medical history in terms of the diseases he/she has suffered from, test/operations undergone, and doctor consulted to

No. of patients that visit a particular doctor

Using patient's history to find after how much time on average he/she usually comes to visit a doctor

See if a medicine is prescribed more than 'n' no. of times over a period of time by a particular doctor, thus seeing how often a doctor usually prescribes a particular medicine