19:00

Machine Coding Round: FLIPMED

- should be to rank by start time. But we should be able to plugin more strategies like Doctor's rating etc in future. Patients should be able to book appointments with a doctor for an available slot A patient cannot knullpile appointments in a day. A patient cannot book two appointments with two different doctors in the same time slot. Patients can also cancel an appointment, in which case that slot becomes available for someone dise to book.

- Build a waitlist feature:
 If the patient wishes to book a slot for a particular doctor that is already book then add this patient to the waitlist.
 If the patient with whom the appointment was booked originally cancels the appointment, then the first in the waitlist gets the appointment.
 A patient/doctor should be able to view his/her booked appointments for the day.

- Trending Doctor: Maintain at any point of time which doctor has the most appointments.
 Offerent ranking strategy use rating of doctor as a strategy to display a list of available doctors for a given specialization.

Date Fine

Patient Data nome Start none Cnd Spcl. doctor AL (Slot) AL LSRO+) booked by booked Slob slati, Waitlist

Specialization - Erum

Slot 3-

new Slat =) ns 11-1100, 12:15-12:45

y y (ns. Start > slot. start

y (no. Start & Slot. Start Le Re no. end L slot. stord)

72+30 >60

hown + +>

45+60 > 105 60-45 = 15

60- n= 21

10:15 - 10:43

10:45-11:15

O. start. Ofter (curred. start) (e ((O. Max. ofte (curred. end)) ... A helme (c. Hart) ble (o.end. before (c. Ntart))