





Assumption :

1. Assume the length of doctor's practitioner IDs are less than 10 digits.
2. Assume the actual consultation might delay more than one day, due to special circumstances.
(delay without re-scheduled).
3. Assume the length of patients' email addresses are less than 120 characters.
4. Assume there might be more than one appointment and more than one consultation between the same patient and same doctor. → Appointment needs ID, strong entity.
5. Assume that each medicine's dosage and frequency may differ from patient to patient.
6. Assume that the same medicine's dosage and frequency may change for the same patient depending on their condition (eg. Dosage decreases as the patient gets better).
7. Assume that medicine can't be identified by its name. eg: same medicine name but in fact they are from different brands and companies, with different ingredients and concentrations.
8. Assume same patient can redo the same medical test on the same day.
9. Assume the lengths of the standard medical test's name are less than 150 characters.
10. Assume that a doctor's working hours varies from day to day.
11. Assume that there might be new doctors who haven't started working yet.
12. Assume the monthly payment of doctors can be calculated by their working hours times negotiated hourly fee.
13. Assume the waiting time of a patient can be calculated by subtracting the actual start time of consultation and the scheduled time.