RADHIKA PATWARI Rollno = 18CS 10062 PAGE NO. date-of-admission patient date-of-release patient-id doctor patient_name admitted first_name middle_initial doctorid last-name doctor-name department address first-hame middle-initial house number department-code lastname street-number department_name date-of-birth STATE OF THE PARTY HOD-name highest degree -Street_name first_name department_code age to the middle-initial state Partial = .last_name pincode number of wards genden date-O-birth age() 2 phone numbery

doctor-dept 1...1

start_treatment

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Assumptions 1. department, postient, doctor are entity sets 2: department code is primary key for department at 3. doctor is identified by doctor-id 4. patient is identified by patient id 5. department name how only one word 6 Each department can have only one 1100 7. HOD name can have post, middle and last words 8. Patient name can have first, middle and last words 9. age is a derived affibile and can be found evering date of birth and assent date for the patient 10. Phone nomber you the patient in a multivariate attribute as a pasent can have one or more phone numbers 11. doctor name congriser of first, middle and last 12. do dor name, patient name and HOD have are comprised outsibutes 13. department-code is also an attribute for doctor entity set because use med to maintain the department of doctor (asper question) 14. A dypartment can have Oor man posterett 15. A patient can be admitted to one or many dy ortheuts relintified by date of adminion and release. 16 A department can have I or more doctors

17. A doctor must belong to only on department-18. A patient must be admitted to a department 13. A patient must be arrived to atteat one doctor 20. A doctor can have o or more patients. 1. date of adminion and release are related with patient and department and has no xelation with doctor: Inplying, a doctor can be assigned to a patient and vicenessa withoutmaintainy date of subonixion or release. 22. We maintain Start tocatment and end-treatment data for the patent with respect to 23 Street us a composite attribute contactuly streetunifer, street name and sportsoogs soodes DV. A posicul will in assigned a doctor When a patient is admitted to a dypartment, he may have different aloctor for same time. Henre me maintain start treatment and end trament attribute for dector-patient relation.

25. address is a conjunite variable containing houses, street name, street no. city, stake and pir cools.