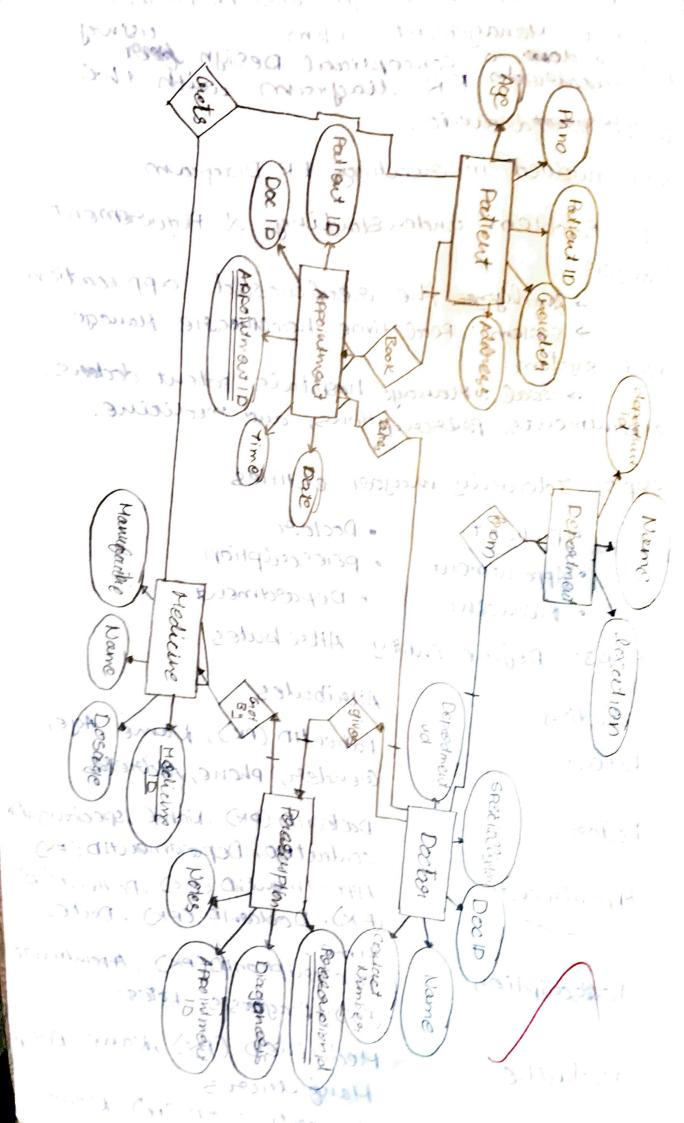
Date: 4/8/25 Task: 100 Title : conceptual Design using ER Model -Healthouse Hanagement system wing Aim: To done a conseptical Design Morez help of the more so. Steps involved in occarting ER Diagram Step1: Poroblem understanding & pequinement Analysis - Analyze the oreal woodld application → System: Peal time haceltheaste Hanage system. * Goal: Hanaye hospitals, patient, doctors, appointments, poiscoriptions, and medicine. Step 2: Identify mayor entities · palient · Poctogi · parescription · Appointment · Medicine · Department Steps: Define entity Attendances Atteribules Entity Patientio (PK), Name, Age, Padleut Grender, phone, Address Doctor Declasion (PK), Name, specialization contact uo, Deposimento (FK) Appoint ment Appointment ID (PK), Pattent (ID) (FK), Doctario (FK), Docte, Possouption parescriptionID(PK), Appointment 11 (FR), Diagnosis, Dotes. Mediane

Modical all Coul some

Step 4: Define Pelationships Between Entitles cardirely Relationship Description - A padient can 1:M Podlew - Appointment book many appointments 1: M Doctor - Appointment - A doctoor mais priero Appointment -1: 144 1 - one possoripur perescription peor appoint nut A psiecouption Pacsociption-- can include product 1: M Medicine A doctor belonge Doctos - Department MII to one depoints Step 5: Down the ER Diagram Institutions to Donau 1. Leso to https://draw.io 2. vilette a Blank Diagram -> clith brom the side bor conecute 3 use shapes · Rectangle = Entities · Ellipse = Attributes · Diamond = Relationships 4 connect entities and Relationships unsing dines: Polition Stip diamoners

Add Cableles for coordinality

5. Notetions. 5. Notcetions: · Juderline or lubble pointer



to whomp ! Win with mile

Al Carlotte 12"

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34	GH NO.	141
	PERFORMANCE (5)	9
	RESULT AND ANALYSIS	3
	VIVA VOCE (9)	3
	RECORD (5)	
	TOTAL (20)	13

Mary and

Result:

ER Diagram of cesing Documents. Thus drawn the healthaure patubiese

Aim:

convert ER Diagram into Relational

steps:

- · Enlity type becomes a table
- All Single-volued attoibute becomes a column boon the table oxey atteibute as the outity type orepresented by the paimers key
- ore multiplied cetteribrile its orepowers by componeurs.
- considered in table.

Address Doctour Porescouption Depositnent Perescriptionid Specilization Diagnosis DOC ID Appointmentio namo nates contact remains medicted Medicine 10 Namo Doscocio Hambacher

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PERFORMANCE (5) **RESULT AND ANALYSIS (5)** VIVA VOCE (5) RECORD (5) TOTAL (20) SIGN WITH DATE

Pesuet:

Pelational Model. ER diagram to