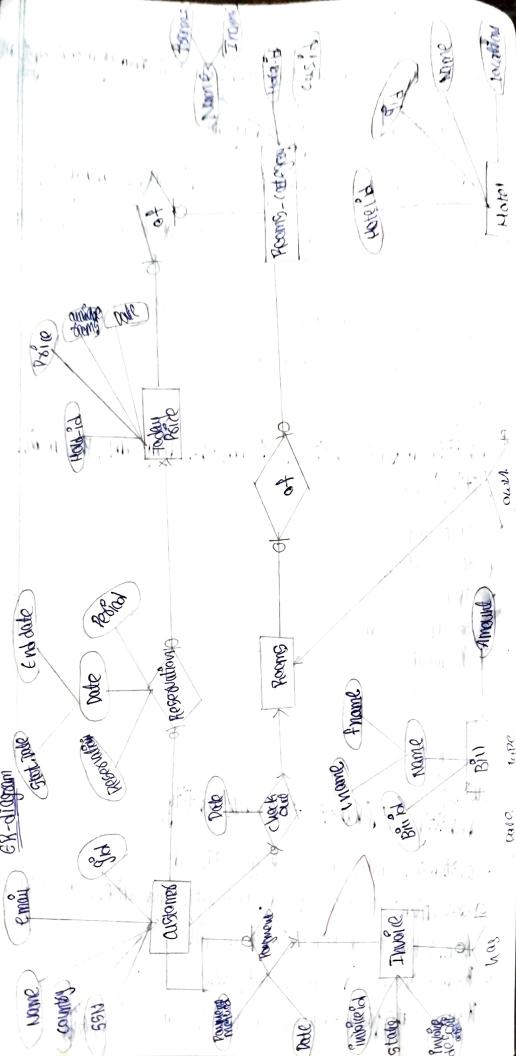
TASK-1 28/07/25 Title: conceptual resign using ER Model. Hotel management system steps involved in creating ex diagram, ster1: - Pooblem understanding & Requirement analysis, * Analyze the seal world application: Habelthologie management system. nunderstand the domain; costmer regitalion. *soom reservation and a vailability, stel2: Identify major entitles from the diagram, the main entitle go one, * customer x Resexuation x Hotel * toom - category X Payment Y Invoice X Bill R Tody Poice Jaentify Altorbutes for each entity, * customes: Name, Email, Country, 99N, Gid Reseavation: Regervation - id, start Date, End date, Date, Person Hotel; Hotel id, Name, Location, Gid hoom; Room - id, wheck, out, bate. Room - category : Room - id, Name, Hotel - id, GH



4 today-Price; Dat a, Price, available sooms. * Payment: Data, Payment method * Invoice: "I vivoice lid, status, in voice description * Bill: Bill-id, Name, Data, type, Amount Steru: perine relationships between entities costomer. Reservation: one - to-many (customer can make many reservations) r he sexution today Price, invited via date x Researchon - Room's; one-to-many * Room - Room - category, many to - one p Room - category - Hotel: many to one. * austomer - rayment one-to-many austomer - invoice; one-to-many kinvoice - Bitt; one-to-one * Bill - Rooms; one-to-one 5. psaw ER diagram x use sectorques for entities puse ovals for attributes puse diamonds for relationship re link entitles with attributes and selection ship using Result: Theen imprimented successfully. This tas in helped us understand the importance of conceptual design in data base managment rusing doan io, we were able to visually model a sent time hotelise system into a ER diagram, which form the foundation fro Phase)

Me corner frag Becommon in PA Pount Stort Dake Am Today Price ogrove u Plual Date Intorna VIA 11 Stanton D Price NamP comms Avaira OUNDAY Oute (main Involve 14 AD POUNT DE SUXERRA Statup Paymend Room. Roomid Payment ID Plu Rotel & Regeouthous Chelyin Do Method Pate check out of Bill hogoms (oderow Billy 14 RH fooms along frame AK. Hotel id Date a Stomery type Namp Amand Hotel Hotely MY Name Dr. R.

1.2. Convert CH ingram auto Actational market to design the selational model has botel management system TELS for puresting the est goddow to the forms extig type revames a table All single value attentite became, a each entity in the en diagram become the table y the entity's attributes becomes the columns of the they attribute of the entity type sepresence by the Pramony has the multi value d'attribute is proprosented by a se parato to composite affigipate refresented på combonente I esive d'attoubit 9 age not considere d'in the table and columns are andon the walking between the tables VEL TECH - CSE EXNEL TECH - C 71 PERFORMANCE (5) 5-RESULPAND AIGH (5) RANAL VOUE A SALYSIS MAS 366 £5(5) RECORPO(5) 14 TOTAL (20) IN WITH DAY 18/18/10 Regut :

thus the ER diagram and Conversion of ER diagram to database selational model for Hotal management system has been implemented successfully.