pale:29 - 07-25 fette: Conceptual design using ER model college slot booking and management system Tools required: https://decawfo Step Envolved in breating ER Diagram Step 1: problem Understanding and eccutioned analysis & Analyse real world application: college Not booking and magement system. * understanding domain: student, Pept lourse, slot. Stepz: Identify major entities * STUDENT * DEPARTMENT * COURSE * SLOT Step3: Entity Attributes. -> STUDENT: Student-Pd (PK), name, emael, academec year 7 Depart mont: dept_rd (PK), deppt-name 7 lowise: Louise-Pd (Pr), course-name, credets effered pre recuertes, course-hyp -7 SLOT: Slot-id (PK), Not-terner Instructor, date, venue.

the constant deals used through SLOP Emmoprison but present sale spelling June suggest budget was Ste Mer Engeled to oursey to troque han pratuctivetial malania : 1 4032 compose himmer out one & Avaluate such assess applications college weter poolsy and maganest system of underestandered domain students, Pepel tell (some is) Stop 2: I devilley maker adelies Y STUDGENT . X ENSMTRAPRIX A COURSE 1012 x Fintily Albus but es. SENDIEMET PO (PR) & NOONE , ONCE Butput: Entery Relationship diagram that clearly Mous; - Au Polentical entitles with attribute - All helateonships with appropriate condenates -> Poully Keys and premary keys marked appropriately

Slep 4: > A student has one dept -7 one department has many courses -> A lower has many story -> One on more student thooses one state Step 5: Deraw ER Deagram using draw to * open https: 11 draw Po x chance Blank deagram -> clax create * from left panel, drag the followly. -> use rectargle for entates (Studing Dept) -> use ellepses for Attachutes (student-90, dept -9d) -7 use déamends for relationships -7 connect using lines. (has, books) of use px on underline to denote primary Tuse labels such as [1:N], [m:N] · key Steps: Realeonsheps:--> Student (1) >> Li) depart ment -> Department (1) > nas -(M) courses -> (oversell)-has -> (M) slots -> student (M)-BOOKS -> (H) VELTECH XNO. PERFORMANCE (5) RESULT AND ANALYSIS (5) VIVA VOCE (5) RECORD (5) Input: college slot managettaget system scencio user requirements proces stat bookeng, faculty availabelety, Room scheduling, Time table managements Database degenerales (Entity-Attribute relations Polentefecation, normalesation lossedenations Result: Inls task helped us to understand the importure. It conceptual airlan en database system using diguio.

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Task 1.2 Den: Steps for converteng the Ex deagram for table * Entitly type b * All senger - valued attribute becomes Column for tabl X A Key advisoute of entity hyp represent * The multivalued attribute is represented by separato valou. * benened attrebute represented by * composete attendente represental by company * perhad attended are not lansedered urong the values you convert be diagram and arregn mapping [PERFORMANCE (5) RESULT AND ANALYSIS (5) between tables. VIVA VOCE (5) RECORD (5) TOTAL (20) IGN WITH DATE Result: Hence, the suladpointing model of College/ Not pooterng and management system users on model was completed