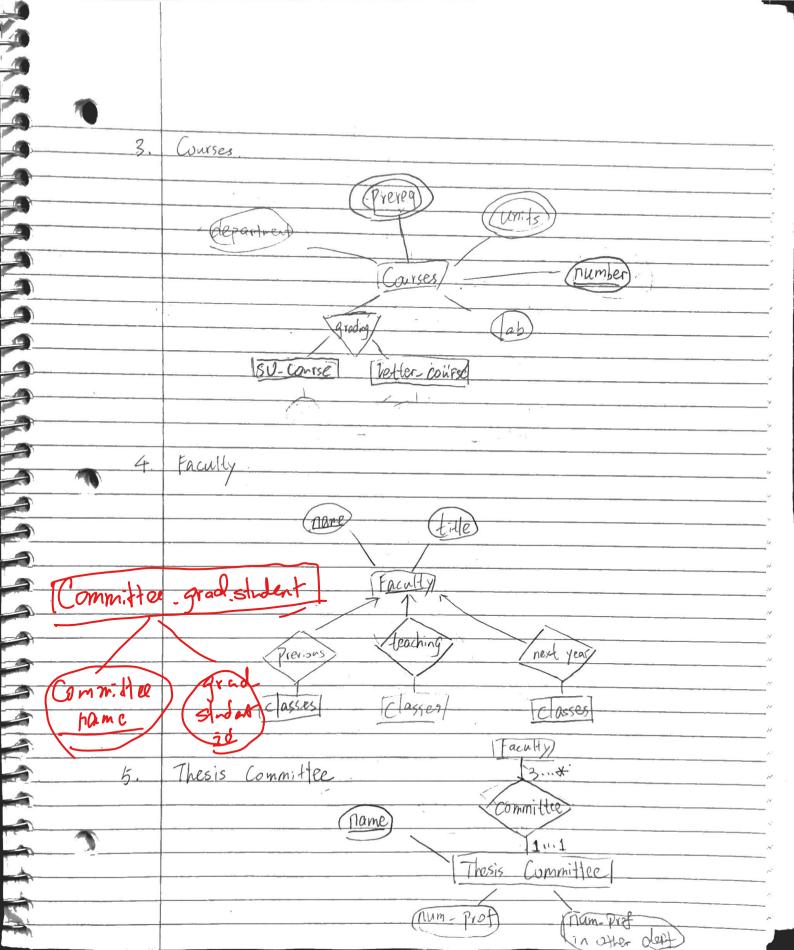
CSE132B Milestone 1 Diagram EIR attendance Period students. 4 Student-id 70000 middle name istname not probated lastnomes Resident (SSN Probation Students Poreign Origin Probated Corrolled Out of state (begin end aledan Wednesdance RISTONY reason Pievious undergrad, No Plevious degree degree dopartment Undergrad grad dogree 1 Institution WS-PHD Major (PHD/ TUSI (andidacy) (fifth year?)



Pegrees 6. (LO GPA) (UT GPA) over P. Vision Units Major Units Josep Pivision Units Vegrees major GPA Units Total id Lotal · GPA course.id MS Degree NON_MS_ Pegree Concentration Concentiation Concert ration rame units GPA Oncentration Sourse id Degree-id (Ourses Courses Account Student id PASSWORD Account Current be and referencing Students IN

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Students = Cid, SSN, firstname, lastname, middlename, envoled,
               odlendance begin attackence and, undergrad-grad, college)
   SU_course = ( number, preseq, department, units, 1ab)
   Letter-course = ( number, preveg, department, units, lab)
   SU-class = (id, title quarter instructor)
   Letter class = (id stitle quarter, instructor)
   Faculty = (name, title)
   Thesis Committee = ( name, num-prof num-prof in-other-dept)
                                                                                 -
   Non-MS-Pegree : (id Major-Vrits, MajorGPA LD-Units, LD-GPA UD-Units, UD-GPA
             Total-Units, Total-GPA)
   Ms- Degree = (id, Major-Units, Major GPA, LD-Units, LD-GPA, UD-Units, UD-GPA,
                                                                                 -
                Total-Units, Total GPA, concentration-name, concentration, units,
    Wait ist : (students classes)
                                                    Concentration_GPA)
    studentlist = (students, classes)
    Meetingset = ( Classes, Meetings)
    pyevious = (Faculy, classes)
   leaching = (Faculty, classes)
   next year = (Faculty, classes)
   committee: (Faculty, Thesis-Committee)
   Resident: (id. SSN. R) Foreign: (id. SSN. F) Oct. of State: (id. SSN. O)
   undergrad = c id, SSN, major, minor) grad = (id, SSN, department)

MS = (id, SSN, department, fifth-year) PHD = (id. SSN, department, candidacy)
   Probated = (id, SSIN, begin, end, reason) not probated = (id, SSIN)
  previous degree = (id SSN degree type, institution) no previous degree - (id: SSN)
5 Pt = (weekdoy ! time, room, mandalory) review session = ( date, time, room)
  Lab = (weekday, time, room) LE= (weekday, time, room)
Account = (studentid, password, account balance)
  (oncentration Courses = (MS_Degree, courses)
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To change this into 3rd Normal Form: Both MS and Non MS Pegrece should be separated into 2 forms, as
Total Units and total GPA can be calculated from LD units, LD GPA, UD Units and UD GPA. Pegree = Lid Major Units Mojor GPA, LD-Units, LD-GPA, UD-Units, UP-GPA) Degrec-Total = (id, Total-Units, Total-GPA)