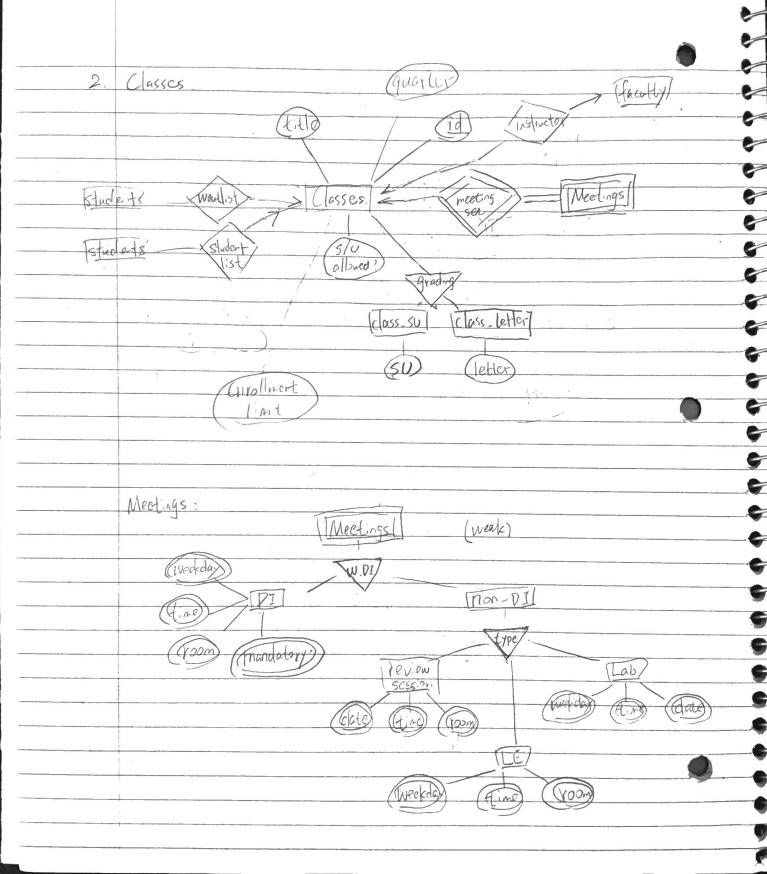
CSE132B Milestone 1 E12 Schema students strong entry set. Griddle name Tistinare Not prohoted (last name) Pesident - (B) Probation Students Probated Enrolled (begin) allera. Ettendonre Tristory blain end reason PIEVIOUS undergrady no pievious degree department Undergrad Logrec Institution (1) MS-PHD (PHD/ TUSI (andioacy) (fifth year?) 



Courses (units Aerantie number Cairses grading Conse letter Course SU) (lette) Faculty Dare (tale) Faculty teaching next year PICV. 34: (Taculty) Thesis Committee 3...+ committee Dame 1 ... 1 Committee Num-Fret in when day

Pegrees 6. (LD GPA) (OT GPA) Lower P. Vision Units Major Units Opper Division Degrees Major GPF Units Total (id Estal GRA type TS\_MS mon-Ms Controlled Concertial, 21 Contactules, name units Concentration 101585 Cosises/ Account (distibuted) VOSSWOLD Account Current balance

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Students = Cid, SSN, firstname, lastname, middlename, envoled,
               adlandance begin attendance end,
                undergrad-grad, college)
  Courses = ( number preveg, department, units. lab)
  classes = (id. title quarter instructor 5/vallowed)
  Faculty = (name, title)
  Thesis Committee = ( name, num-prof. num-prof. num-prof. n-other-dept)
  Degrees = (Major Units, Major GPA, LD Units, LDGPA, UDUnits, UDGPA,
          Total Units, Total GPA, id)
  Account = (student-id, passivord, account-bulance)
  waitlist: (students classes)
  studentlist = (students, classes)
 Meetingset = ( Classes, Meetings)
 previous = (Faculy, classes)
 feaching = (Faculty, classes)
 nextrear = (Faculty, classes)
 committee: (Faculty, Thesis-Committee)
 Resident: (id. SSN. R) Foreign: (id. SSN. F) Od. of. State: (id. SSN. O)
undergrad: (id. SSN, major, minor) grad: (id. SSN, department)
MS = (id. SSN, department, fifth year) PHD: (id. SSIV, department, candidacy)
Probated = (id, SSIV, bogin, end, reason) not probated = (id, SSIV)
previous dogree = (id ssn degree type, institution) no previous degree = (id. ssn)
class-su = (id, su) class-letter: (id, letter)
(ourse su: (number, su) course letter = (number, letter)
Non-MS: (id) Is-MS: (id concentration-Name, concentration-Units,
                                                concentration GPA)
(oncentration courses: (IS-MS, courses)
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To change this into 3rd Normal Form: Degrees 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 = (id, Major, Units, Mojor, GPA, LD-Units, LD-GPA, UD-Units, UD-GPA) Degrec-Total = (id, Total-Units, Total-GPA)