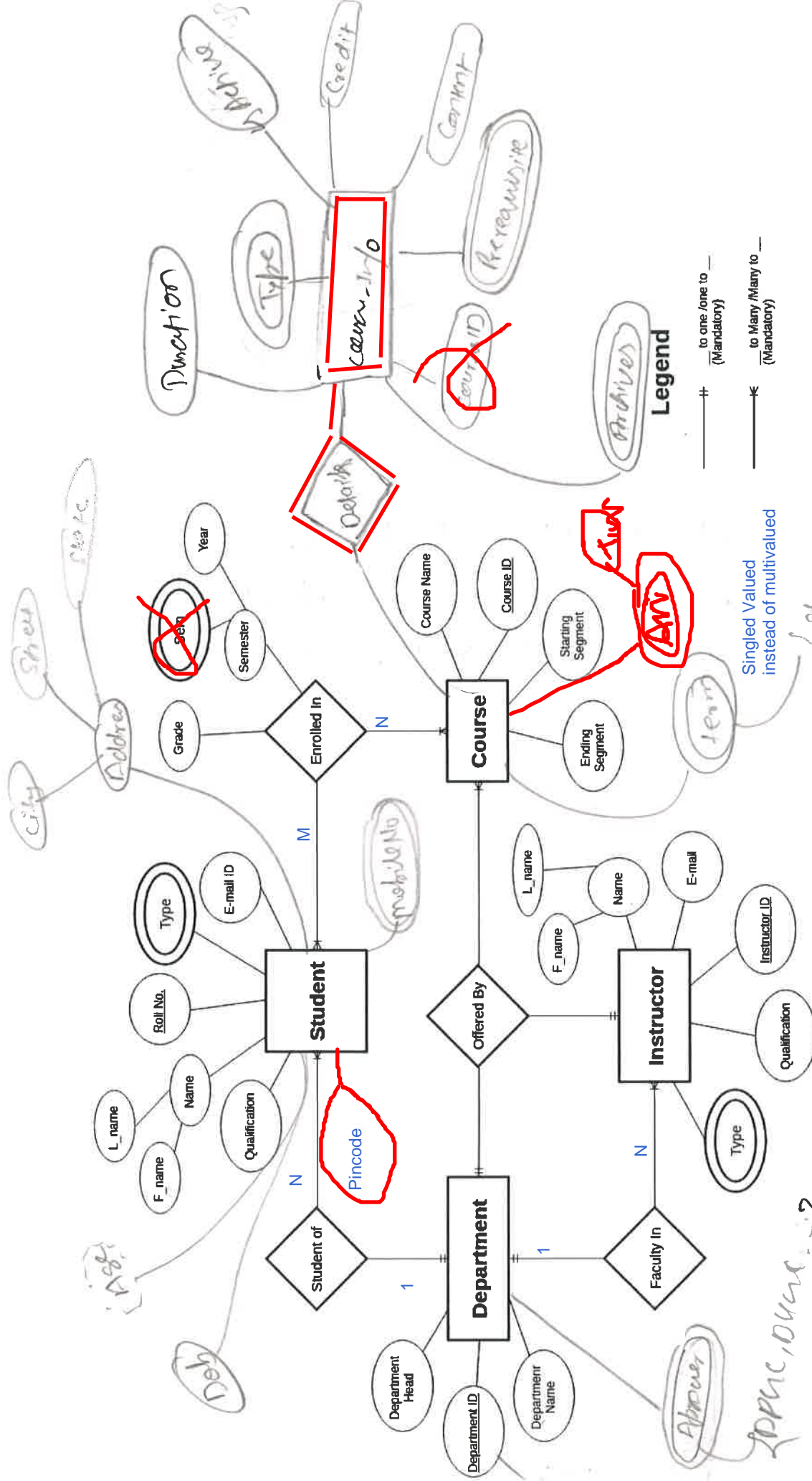Group No.: ____A____ Project No.: ____Z____
Project Name: __IIT BHILAI COURSE MANAGEMENT SYSTEM__

PHASE - II CONCEPTUAL DATABASE DESIGN

Changes made ??
Incomplete

Lots of student details are not considered.
why? (Same for department also).
All entities.

ER Diagram

Entities: Student, Course, Instructor, Department

Relationships: Enrolled In, Offered By, Student of, Faculty In

Course
- Duration
- Type
- Credit
- Content
- Prerequisite
- Archives
- Course_info
- Course ID
- Course Name
- Starting Segment
- Ending Segment
- term

Student
- Type
- E-mail ID
- Roll No.
- Name
  - F_name
  - L_name
- Qualification
- Pincode
- Mobile No
- Address
  - City
  - State
  - Street
  - Pin code
- Semester
- Year
- Grade
- Sem (crossed out)

Instructor
- L_name
- F_name
- Name
- E-mail
- Instructor ID
- Qualification
- Type

Department
- Department Head
- Department ID
- Department Name

Relationships
- Enrolled In (M ... N)
- Offered By
- Student of (N ... 1)
- Faculty In (1 ... N)
- Details

Legend
- ——— to one /one to ___ (Mandatory)
- ——< to Many /Many to ___ (Mandatory)

Singled Valued instead of multivalued

{Spring, Summer, Fall}

{PHD, Bachelor...}

Verify!!