Ahmed Abdullah – 20I1775

Muhammad Mujtaba -20I0649

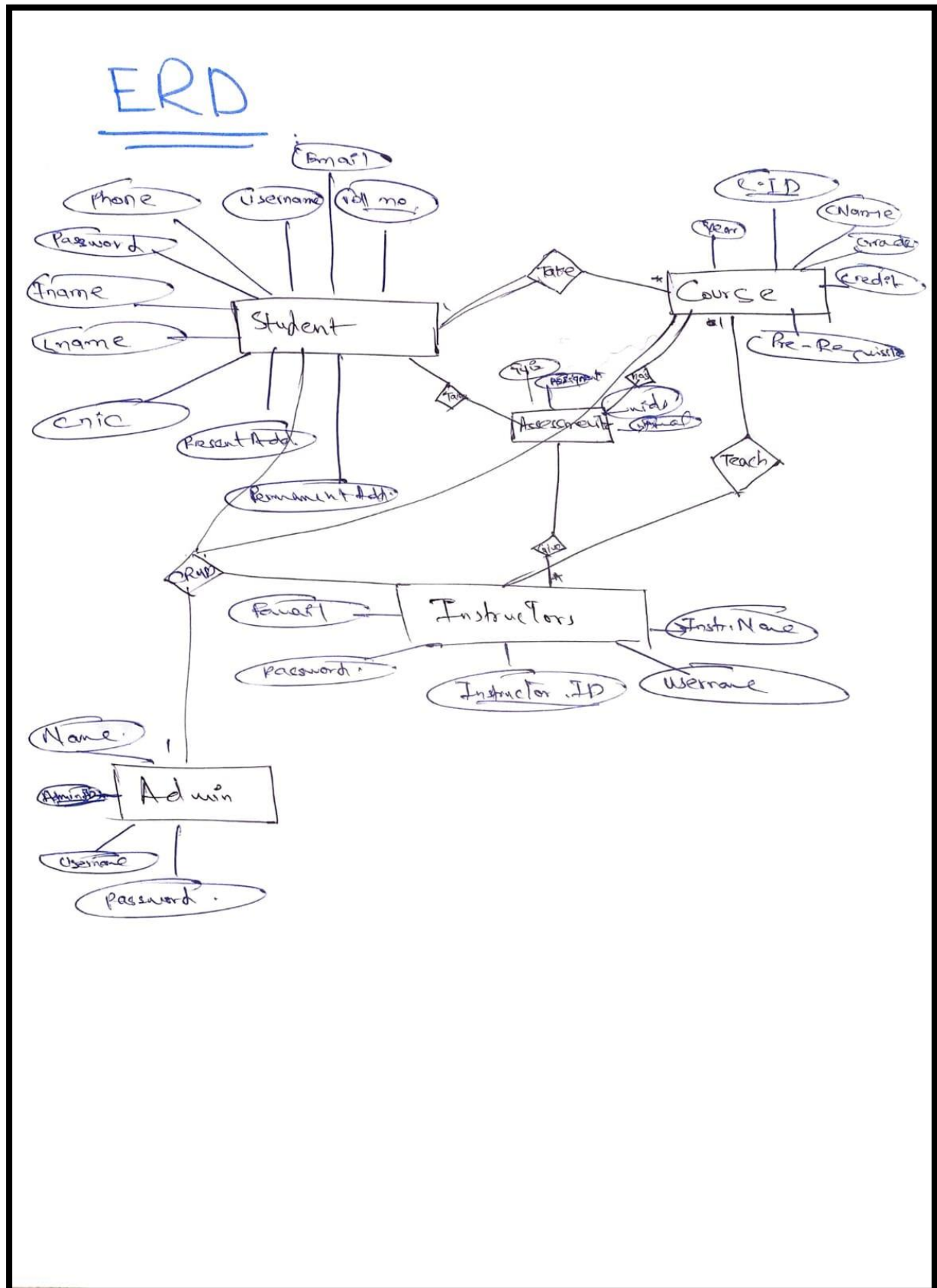**Jawad Ahmed - 20I0945**

DATABASE PROJECT
Project Report
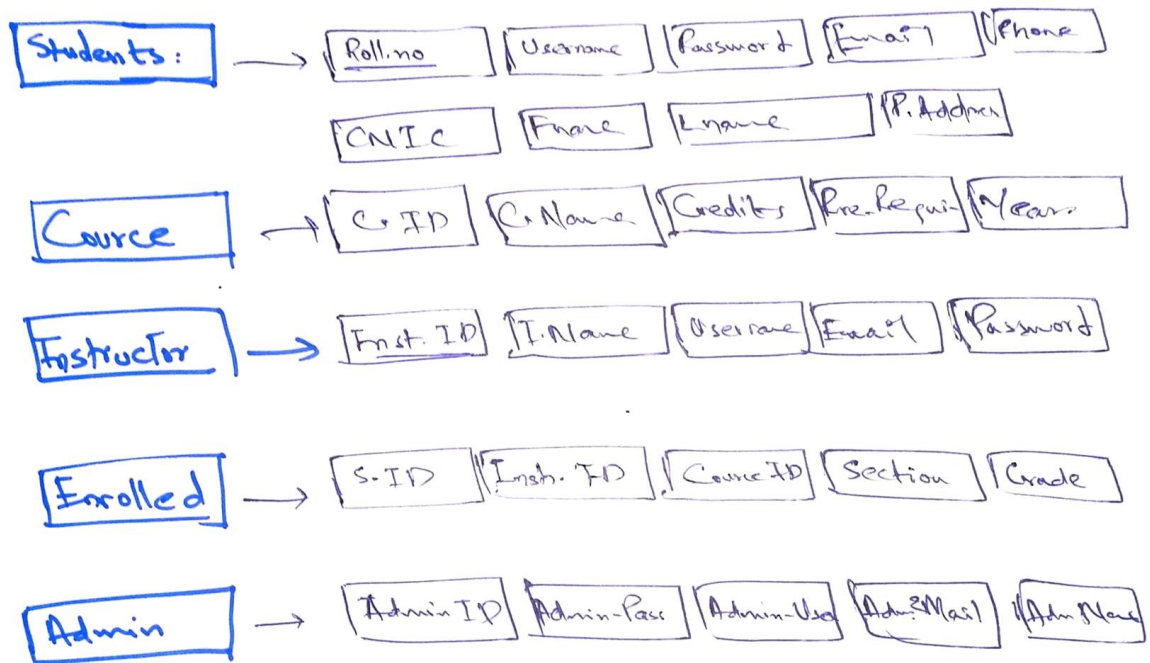# Spring 2023
CS-E

ERD DIAGRAM

Relational Model :

Relational Models:

Students: → Roll.no | Username | Password | Email | Phone
CNIC | Fname | Lname | P.Address

Cource → C.ID | C.Name | Credits | Pre-Requi- | Years

Instructor → Inst. ID | I.Name | Username | Email | Password

Enrolled → S-ID | Insh. ID | Cource ID | Section | Grade

Admin → Admin ID | Admin-Pass | Admin-Use | Adm-Mail | Adm Name

Mapping of Relationships

1. Student and Course: 1 to Many
2. Student and Assessment: 1 to Many
3. Instructor and Course Many to Many
4. Instructor and Assessment Many to Many
5. Course and Assessment 1 to Many
6. Admin and Students 1 to Many
7. Admin and Course 1 to Many
8. Admin and Instructor 1 to Many