COMSATS UNIVERSITY ISLAMABAD

(ATTOCK CAMPUS)



ASSIGNMENT: O1

SUBJECT: OOP

NAME: haris ijaz

REGISTRATION NO: FA23-BSe-034

SUBMITTED TO : SIR UMAR ZIA

**School management system**

**1. Class: Student**

* **Attributes:**
  + student\_id
  + name
  + date\_of\_birth
  + grade:
  + enrollment\_date:
  + contact\_info:

**2. Class: Teacher**

* **Attributes:**
  + teacher\_id:
  + subject:
  + hire\_date
  + contact\_info:

**3. Class: Course**

* **Attributes:**
  + course\_id:
  + course\_name:
  + description:
  + credits:
  + teacher\_id:

**4. Class: ClassRoom**

* **Attributes:**
  + room\_id:
  + room\_number:
  + capacity:
  + resources:

**5. Class: Enrollment**

* **Attributes:**
  + enrollment\_id:
  + student\_id
  + course\_id
  + enrollment\_date:

**6. Class: Attendance**

* **Attributes:**
  + attendance\_id:
  + student\_id:
  + course\_id:
  + date:
  + status: