# Hostel Management System Entity Relationship Diagram

**VISITOR**
- Name
- FK S_ID
- Date
- PK CNIC
- O_Time
- FK A_ID
- I_Time
- Relation

**Student Bill**
- PK FK S_ID
- Date
- Charges
- Type
- Total Bill
- FK A_ID

**Guardian Info**
- PK G_ID
- Guardian Name
- G_CNIC
- Phone No
- FK Stud_ID

**STUDENT**
- PK S_ID
- Name
- Date of Birth
- Guardian CNIC
- Semester
- FK RoomNo

**ADMIN**
- PK A_ID
- Name
- Password
- A_CNIC
- Phone No

**HOSTEL**
- PK Hostel_ID
- Name
- Type
- Floor
- Room
- Location

**Hostel Bill**
- PK Hostel ID
- Utility Bills
- Additional charges
- Maintenence
- FK A_ID

**SHIFT (Room)**
- PK FK S_ID
- C_RoomNo
- S_RoomNo
- Availabilty
- Status

**ROOM**
- PK RoomNo
- FloorNo
- Capacity
- Bed
- Table
- Cupboard
- Wifi
- FK Hostel_ID

Relationships:
- Visits
- has
- Views
- Verify
- Manages
- Has
- Approve
- Enters
- Apply for
- Has