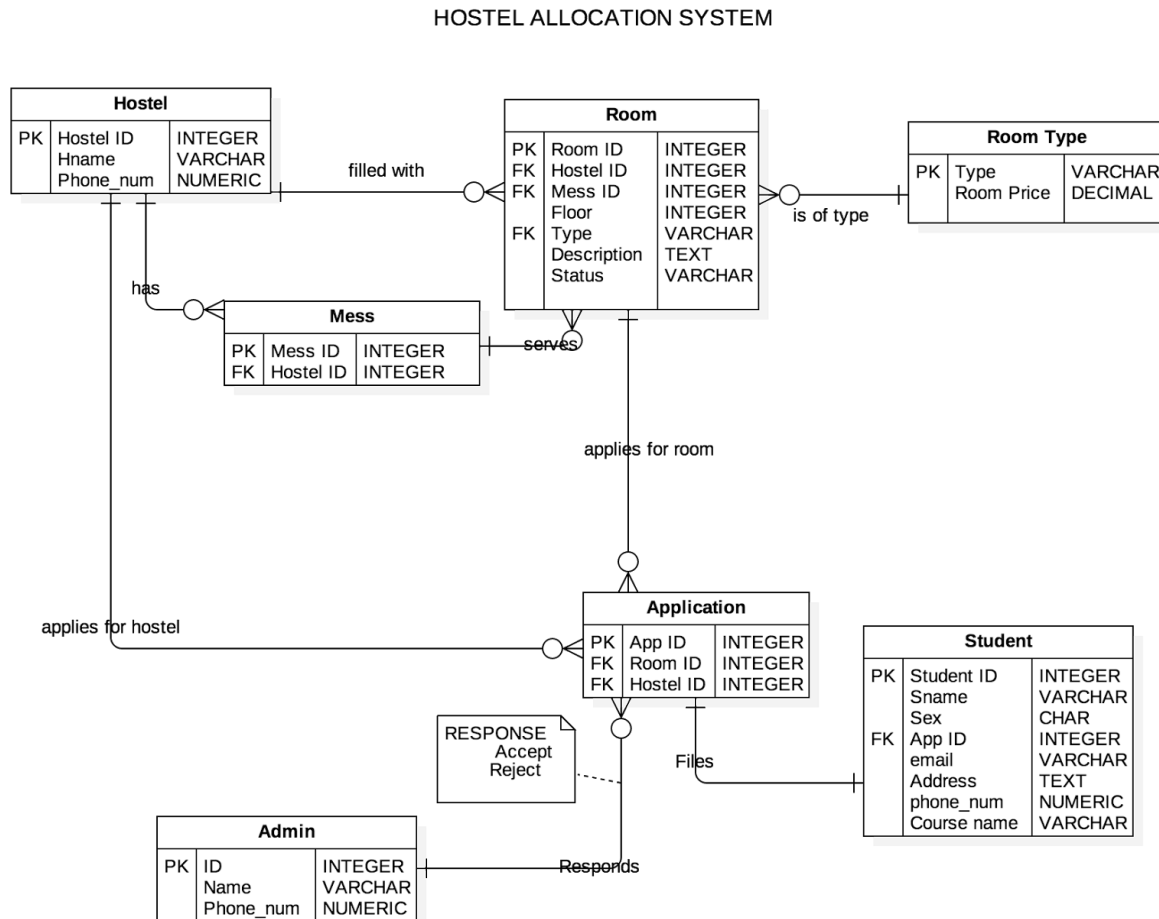


DBMS Project ER Diagram and Relational Schema

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ER Diagram



Relational Schema

Hostel(HostelID, Hname, phone_num)

Room(RoomID, HostelID(F.K), MessID(F.K), Type(F.K), Status, Floor, Description)

RoomType(Type, RoomPrice)

Mess(MessID, HostelID(F.K))

Admin(ID, Name, phone_num)

Application(AppID, RoomID(F.K), HostelID(F.K))

Student(StudentID, Sname, Address, phone_num)

Responds(RID, AppID(F.K), Response)

Note: i) 3 types of rooms - Single, Double Sharing and Triple Sharing

ii) 2 possible responses - Accept, Reject. If not responded to then in pending state.