

\*Entity:

Floor  
Room  
Guest  
Service

\*Relationship:

Located: 1 - many relationship between floor and room  
StayAt: many - many relationship between room and guess( consider that a guest can have mutiple guest and a guest can stay at mutiple room)  
ServiceUsed: 1 - many optional relationship between guest and service)  
Has: 1 - many relationship between guess and invoice

\*Attribute:

Room (room\_code, room\_name, price\_day, price\_week)  
Floor (floor\_code, floor\_name)  
Guest (identity\_card, full\_name, phone\_number)  
Service (service\_code, service\_name, service\_amount)  
Invoice( Invoice\_code, arrival\_dates, departure\_dates, total\_dates\_present, total\_room, total\_service\_price, total\_amount)

