**HOTEL MANAGEMENT SYSTEM**

**Case Study**

A Hotel Management System would like to keep track on the guests residing in the hotel, Reservations made by them, payment done by them, room services (like food etc.) offered to guests in their rooms. Also it would like to maintain the database of all employees working in the hotel, their managers & services offered by them.

A hotel consists of many rooms. Each room has a room type (E.g. Presidential Suite, ordinary etc.), but each room type consists of many rooms. More than one room can be allotted to a single guest but vice-versa not true. A single guest can make multiple payments but one payment is done only by one guest. A guest can also make multiple reservations for multiple rooms. After this the guest is provided with room service. The room service can be offered by more than one employee. Every employee is managed by a manager which is also an employee. Many employees can be managed by one manager but only one manager heads one employee.

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