

OBJECT ORIENTED MODELLING

- ① → Hotel Management System
- Credit Card Information System.

Problem Statement:-

The system should streamline hotel reservation, check in/out, guest and staff management, service requests, room service. able to manage multiple small (~~chain~~) restaurants as a collection. availability of upgrade services. a friendly kid section, for adults to enjoy the many facilities provided by our hotel.

Scope :-

The need organization and structure, we can have multiple small hotels under a main management (~~3rd party~~) small scale hotels under a main management ^{with} user friendly design. hotel system and prints reports.

Domain requirements:-

comply to local laws, maintain a multiple languages. supports ~~local~~ alarm system.

① Functional requirements :-

① Room service :-

a new friendly staff who is trained in taking the utmost for you ^{room.} ~~soap~~

② Valet service :-

our hotel has a top of the notch valet system. with dedicated 2 level underground parking. with a very structured, labelled parking system will give info of which car is present in which slot, in which level of parking.

③ Buffet system :-

a extensive collection of exotic foods from different parts of the world.

④ Event Management :-

a separate management system featuring to handle events like birthdays, marriage.

Non functional requirements :-

② modularity:-

management system is broken into smaller modules like guest manage, chef management,

② performance:-

use of efficient software facilitates faster