Lab

Hotel Management System:

Functional Requirements:

1. Introduction:

1.1) ~~Purpose~~ Problem Statement:

Hotel Management system is a type where it's main aspect is hospitality that helps hotel to improve their operation, customer satisfaction and reduced errors. This is a software based project. This

1.1) ~~Problem statement~~: project must also ensure that ~~thing available for every~~ ~~locality~~ have proper availability of hotels for a given location.

1.2) Scope:

The hotel management system ensure hotel gives customer satisfaction implies availability of proper food, shelter with reduced manual errors.

2) Requirements:

2.1) Functional Requirements:

Reservations: System should be able to record reservation details like customer-name, customer-phone number, ~~check~~.

Generate unique confirmation for each customer.

Room management: Ensure proper room allotments for customers.

Room service : Customers get satisfiable room services without taking longer time. Ensure proper hospitality of customers.

Account management :
System should be able to create more secured & authenticated account

Notifications:
Customers are ~~not~~ notified accordingly ~~for~~ about their reservation details

2.2) Non function Requirements.

Performance : Customers must be able to do reservation with no complications in mean-time.

Safety Requirement : ~~Hotel~~ The system is responsible for ~~its~~ security of customer and belongings. Customers must be given top priority in case of emergency.

Security : System should protect sensitive information like passwords. ~~Th~~

Error handling : System must give informative error message.

Quality : Top-quality ~~with~~ ~~a~~ food. with user-friendly price must be provided for customers.

2.3) ~~Database~~ Domain Requirement :

Language : The system must be available in English or any language that customer identifies.

Database : The data of the customers must be well-organized and easily available.

6. Design constraints
    6.1 Proper display of constraints required for room booking
    6.2 Capable to handle simultaneous 1000 users.

8. Preliminary Schedule and Budget
    8.1 ~~Prop~~ controlled spending and organizing budget for software, hotel maintainance.
    8.2 Software completion in a previously given time schedule.