Date____Page___

Puroblem Statement: - In many hotels, the management of vesernations, wheck wise, wheck outs, bulling, wand estable assignments is still done manually on using outdated System. These usues and increase the chance of framan veryor, and inequalively impact the equest conference

Describe the functional funon-functional to idescribe the functional funon-functional requirements for the flotel Management System (MMS). This isystem will cautomate the idaily coperations of a frotel, including moon meservations, check-in/check-out billing, italy management, fuelpoid generation. It is intended for frotel administratory, receptionists of curtomers who will administratory, receptionists of curtomers who will administratory, receptionists of curtomers.

2 Scope - · conline woom booking & cancellation.

· iguest scheck - win & check - out management

· istaff - management (assign, duties, touck)

· Inventory management for hotel resource

3 Overview - The hotel management System is an integrated isoflueare soln ithat automaty and manages the inferrations of a hotel. It

check - un / check - out, billing, and utaff coordination, unhile calso spraviding raccurate unports for cadministrators.

The System is designed ito ambusine customer acceptance therough contine booking, ineduce manual versions, puonide weal-stime subdates on woom canallability, isupport secure payments of maintain thansaction vecous.

Jeneral Prescription : - · System - The HMS provides a centralized platform for managing hotel coperations refficiently · It automates key processes is uch as · verewation of crooms.

- · guest check in + wheck out.
- billing & Spayment Spuccessing.
 staff duty carsignment & housekeeping
- management.

 o depart igeneration for viewenue, occupancy

 f. Secrépormance.

control is that each user interact only with the features vielevant to their viole

- · User · eddministrator
 - · Receptionist
 - · Customer (djuest)
 - · Housekeeking istaff

Eleve dogin / dogout for cadmin, vieceptionis, staff and customers

Room-Reservation - customers can book/ cancel crooms conline.

real-time voom varailability check.

Dote Page
check un out: - Receptionist assigns vooms duing
check -un
- System updates canachabelety on check-out
- Support son confine (out of soil generation.
and the state of t
which will a will a blick
SMS calout Low hoch?
confirmations, remindent & cancellations
a Name Franchis In
6) Non-Functional Reg. 8 - Performance: Handle 1st
· Security: Role based caccers, uncrypted data
Thomas Thomas Thomas
· Scalability & Support Sulture centension.
· Usability 3 Simple and untuitine user unterface
· esnailabelly : 99.9% suftime for contine services
F Interface Requirement: - · User - unterface - murchan
mashbourd god thansaction tracking
T Stellers for Succession & idatabase were
margale - Pos deminals ofor Schuical
Wallon,
Server for processing & idatabase istorage.
Software unterface - Banking APIS
- Secure communication protocools.
(8) Performance Requirement : - · Response yim -
· concuerent - Users
· Rata Handling
• Scalability
· Backupt Reconvy

Deresten - Constraint : - Technology constraints - Security Constraints - idatabases ishould she MySQL - und -unlinface must be identloped using HIML, CSS, Jana Script. - Regulatory Constraints - Spayment handling muy follow PCI-DSS gtandard, + Should run con unindous/ dinun servers - System should se vaccersible on PCs; claptoks. & smoutophones. Schedule & Budget -> Schedule -> itotal
initial idevelopment time ~ 16 weeks (4 months)

-> Budget -> restimated soudget ~ (5 dakhs)