2. Hotel Management System (CRS) 1. Jodgo dudiant Problem Statements Toadstand høtel nangement, processes often sely on manual methods, leading to inefficiencies, 250005, and delays. To addoes! These challenges, these Ts a need too a composehenire Hotel Management System (HMS) that automates volvous tables, including resolvation management, quest selvices, willing, inverdory control, and depositing. The good is to develop a sobust HMS that enhances operational efficiency. impoores guest sous faution, and enables noted start to focus on debrolog, expeptional solvice Butraduetlant thattenbarted [ 1.11- Propose of this documents no provide a comprehensive industanding of the regularments and functionalities of the HMS. +2 1- Scape of Hors alocaments-Describes the intended users, feastures, and benefits of the HMS, along with development cost & three estimates. crives a boiet summary of the HMS, outling its poincary functions such as some

boolding, check mo out, and willing. il trendal Descorption?

leton enformeste land etamotre oT-levitueldoaperations, improving afficiently and quest experience. - veil chalacteristics: Front derk start, housekeeping gruss - Room booking stllows greats to book sooms -check in lours facilitates the check in lour is guests - Inventory hanagement - mousekeep status, amentifices -Billing -> henelates imoices, processes payments, & manages accounts. - Impostance > Enhances guest soutisfaction, hoseaux Sevenue - use community - Includes noted starting guests, with volging levels y access & formages. iii) Functional Requirements: - Room Bookings uses can scaler les available ocoms based on coiteira suin as date, soom type & occupancy. - uses can select opons & proceed with the poolend boocers, - check in lout + Enventory management - Crendates invoices des soon charges, y boxes. iv) Entertace Requirements! -usa Enterface). -sontuitive interdaces for shalf and guests, accessible via web bookses 00 mobile apps. - payment Entegoation)--> Entegration with payment gateways its seure online payments. - communication + -> Email notifications, feelsback sequests, seminders

De performance Requirements: - Response time! > System should suppond poomptly to use organists, with minimal loitency. -> System should be available 2417; with -Anailability: sheduled maintainerce sindows communicated in - Scalability 1to rand peak wands disting highdenand pellody vi) Design Constraints: - Holdwale Softwale Smitations, > compatibility with existing haldware Esoftware infoadtouture. -> Suppost for multiple platforms (windows, macOs.) - Regulatory Compliance) -comparance with data protection orgulations and industry grandalos. vii) von - Fundional Albibutest - Encouption of sensity data (eg: coodit could detailed -Role bossed access control to restrict unauthorized - Reliability !--> System should be probust and resilient, with foil and mechanisms to poorent downtime. -> Entuitive used interfaces, with clear nowigation &

nelpful tootips. - Galabitity! to accompande growth in use base and transacts viii) Predminaly Schedule and Buggets - Schedule !-SESTINATED Himeline dos development testing & oleployment phases. -Budgett -> Cost estimates for development resoveres, Softwale licenses and Infoastorities yours pains sales participation with Caller Colors marked , 248 m six respect

estations patraled bare

statust : mathe of most the

manage to the same and the

the post of the same of the sa

parameter to the later to the same state.