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DATE: / / Problem status To design system that automate hotel operation sect.

1 (1) Introduction - as rushing and improving tentomers

- huntposs of document requirements and specification for development of hotelmanagement System It will provide Man understanding Scope of document This dolument defines the overall working ad mai objectives of Hotel Management

System 9t includes description of development

(ost and time sug, for the project

Overview

The Hotel Management system is a software

solution designed to streamline thotal quest cheek-inf cheekout Ham assignment billing a reporting (2) General Description - The hotel Management System will cater to the needs of hotel

staff and management, providing features

such as toom booking, guest profiles

and finacial responsing It will by accurible

to user with varying level of technical

supposesses Furthonal requirements -· Kerewation management allow uses to KINKI Hoom online OH through disk ad general resouration confirm and send and send to guests

· Room management - assign Hosons to guesty basid on availability and preferences and Health Mark Hoson Stations in real time · fruit mangement - Maintain grust profiles
with personal info, preferen a booking
history a facilities guest thick and thick

· Billing invaling - Grenates as accurate hills for Hoon thanger additional survives & taken a Acception various payment methods & grenate invoices

4) Interface requirement -· user interface hotel staff and guish & accusible will browners, mobile devias & described

· Potegrapion Poterfau Integration with payment gativages for some booking platforms for seamles, Meserwation

5) Preformance requirement · Kurponse fine - The system should respond to liver actions within 2 suff · Scalability - Hadle a minimum of 1000 Continuent usus during peak hour · Data integrity - escure data consistray

(6) Kinga Conshearts -Handware limitation - 4hr system should be compatible with computors, prentury, Pos turninals Software dependence - whire a relational database management system for data storage (7) Non functional altributes

and authorisation mechanism to protect suritive data · reliability - Ensure high availability and fault tolered to minimize system downtime · Healability - Resign the system to accommodate future growth and superior · Portalisty-support multiple blaform and durin

- Unability - The system shall have a user friendly interface with dear navigation. (8) PHIlmiary substitute and Budget. 4L development of Hotel Management System is uprated to take 6 month with a budget of \$100,000. This includes prioget planing idealopment of tuning and development phary

and accuracy accuses all modules

Yindia (Last H/HS 4 5 6 7 8 9 10 11 12 13 Wek: Rig Duigo DBS Trontad. Baked Intighation Duting Dutley YHaing Effort whingtion & cost colulation Productivity note = 2500 LOC/huso-month

(flout = LOC/husohusty = 10300/2500 = 4.12~ Total cost = fort 2 cost per person = 3177,000

SRS for credit card prousing 1) Introduction - 1 · Purpose - to outline the requirements to and Specification for development of wedit land proasing vysten · Sope - It defines the overall working and mai objections of ICPS It includes cost a in required for project · Overview The CCRS is a secure software tolution for transition, authorization, Charing, settlement & responsing 2) Jurial during to - to the man will feature such as land validation, authorization Routing, batch settlement for fraud thek 3) Functional juguitants · Authorization A validation - validate card number 14 cuping and (VV) · cleaning and without - capture authorized Haseihon and batch then for stillment " refunds & change bait - Yohiat, hankal / full refunds · Frand magnet. Apply rule-band and velously theeks frigger alets & hold/derry transation · Reporting & statements - provide merchant Stationet fees a summaring

(4) Interface requirements the Why interface - intuiting and user - friendly web - consolur for murchants and opination · Integration integration with payment tritions, for thango thangactions

5) Purjoumany requirements -· rushors for - The system should rushond to authorization request within 2 segs · Scalability - 4ade min of 1000 concurrent during heak havy · data integrity - column consisting & accuracy (6) duign constraints -

(7) Non-puschad requirement -· Slumby - ithoug authorization, authorization and entrypho of condholder data · ruliability - High awaitability & fault toleral

Hardware - compatible with standard hardware

· software dependency - utility and an RDBMG

· Scalability - disigned for hoursatal scaling

· Portablety - support multiple playoung a device · usability clear ravigation

(8) Preliminary schedule & Budget apprece 6 months, 120,000 includes plant plannery duelopment , certification & deployment

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Credic (and Processing system

7 ionaline chart

2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 Reg Align DAS Seawy Myanigit o Trand dle MUHCHAIT AP Integration Turing. Syloy Yraing Effort usting = 1000 Lo (

Thort = Loc / productionly = 15200/1000 = 15.2 =

(6) + = Effort x out

= 16 x 25,000 \$ 12,00,000 Problem stationed we are developing a sych that is automated to securely proud endit cand hayont, verify transaction, detect

fraud and mantain accurate records in

real him It'll hadbe authorization,

authorization, Lielling fraud detection, refrage

responding that sweet arrow free transaction for customers & merchants

Chray Maragement System, 7 m lin (haut
3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 Week: 12 Reg Duign (alalog Policy Search Aquisiha India 49 Lesting Deflay Effort whomation
Yotal Loc = 10600 Productivity = 1000 100

Effort = LOC / hurodultivity = 10.6 = 11

Cost = Cfort & Cost fur purious

- 7 82500 × 7 825000 Pholen Stations:

Duillof a system to manger caraloging,

minter Might wation, Inding I return , runeroation

find, digital remouncy

(R) for stak Hantanary system (3 MS) Introduction : - hur part to outline requirement and specifications.

Jon a SMS detailing object hour, scape &

deliver alley

- Scape - define the owned working and man blymbur of inventory control · Downed - The SHS manager stock bushs, A consumption / salu Hackey I grand description - The system supports storekeeper business stoff and managers with features such as the total business valuation when a supplier performance Fustional Requirements · item A warepass management - maitai item ording ratigories, with and location, treate & Hurried & available quality · Procure met - (mate punchase me quisition & purchase - Stack noward of 19 sus / the first stack, · Aluk A Replesishment - Recorder point. Calculation & law stock aluty · Reforts g - Stock valuation, aging / 100 suntition

Istufay requirements -State & alung & accusible in a browner mobile during · Potignation Interface - Potegration with bancoon 5) Puformale requiremy -· Kuponsi him - stock lookup and fragation posts should rupe of wither 2 seconds a scalability - supposed at least 1000 concernet were · Data integrity - Enforce transaction integrity (6) Durgn confrant Hardway indatas - compablily with standards duktoh, lably priting bourcode during · software depodery - RDBMS Non functional attributes-· sicurity - cute tication / authorization & least privilege areas to stock area · reliability - right availability · Statality - state askoss multiple warehough · partability - Mulh playoum browser upport · Rusality - Role - specific views for thing - prominents and supporting

(1) frulingary, schidule & Budget - Estimated duraget

\$ 85,000

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DATE: / / Stock Haggingt Sylver Mineling Chart while 10 Rig Dugo OBS catalogia Registação BOYLYOW fires report integration dylay Effort usingsion Productivity

Efford = LOC / productivity 6st = Effort * (ost perperson -month Problem statement: Develop a system to frank stood monitor sales, frew it I shouldge, avoid stanty, Durinte grated with willing lythen allows multinger alung that have updated.

SRS for Parpart Automation System (PAS) Yntufau requirements · Usur laterfay - were friendly portals for applicates

back off a consol for affirms

· Integrand Rotinfay - integrand with payment

garages for secure transaction (1) Introduction -· Purpose - 40 outles the requirements and shuification for a passport automation system · stope dyline overall workers and man dylinian for and to end pariport aff, verfication, staling 5) Performacy requirements tracking including cost & schidule · Keisponse time - portal actions should respond with 25 - OVERVIEW - The PAS is a secure solution · scalability · Hardle a min of 1000 concernit usus halding multi applications documents · Data integrity - Ensure consistency a correction application uploads, appointment schedule bismethis captures verification A issua a modules 1) yeard durking - The system will by Busyn constrainty. downt vulgation for payments a disparce · Handware limitation - compatible with standard office hardware & bip metric capture · software dependences - RDBMj Non-functional attributes · Stubby - Robert authorization/ authorization 3) Youthard Hogistenst · Reliability : High availability & disaster recovery (1) Applicat sixuilles und Higist Hation, profile · Scalability- architecture to alcomodate greating Dos upland with validation - officer work queen for applicant volumes & revs century broad occusionity doubant perior and application screening, records · wallity the navigation , progress indicates 4, holy mapisation station and Memanty. form validation B) Branchine Sphoto radlig - Captury & Store brond we refuse 15's Quality Check & secury (8) Publinary school & Budget - Estimated duration 6 months budget: \$ 110,000 (4) Nothing - Real time Italians

RasiPort Automation lythin 1 2 3 4 5 6 4 6 9 10 12 13 15 1 First Youl's Chart 45 67 891011 121314 15 16 17 18 19 26 21 22 23 24 25 26 Rig duign applicat appointment VIHI/4 poty Laynt Trual deplay Production and cost calculation

Production Effort = 10c/productionly= COME Afford a cost perfersion mobile Problem statement: Dwelop a system matte digitaline and to und operations were registration, application filling, do wont upload, appointment, biometrice fu payment sholice vertication divisions, franking & dispatch treating & grown by with security availability.