1011	LAB D' SRS Document ton State &
2003	motel management 34x tem.
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1.	TUFNOGUCTION PROPERTY PROPERTY SEE
	added to the printed of the printed to the printed
1.1	Purpose many lastings by
	The itotel Management system is designed to
	automate the daily operations of a hotel,
	including room booking checkin checkout
	billing and chrentory management.
	The system aims to improve operational
	efficiency, enhance guest experience and
	provide easy access to hotel data for
	management
1.2	Document conventions
1'21]	Boid tent indicates important towns or
	section un éa ders image la doit avoi la
1.2.12	Italic text is used for emphasis or
	definitionsolo man di portrogon bors
1.2.3	Monospace font indicates system commands,
	code, or database fields.
1.2.4	shall denotes a mandatory requirement
	showd denotes a recommended or desirable
77.	feature but wist mandatony roll so it non
1.2.6	Lists and tables are used to present
	information elearly and concisely,
	Paul von annonem nitration
	LAD WILLIAM SONDONAD III ON AFINE LOND COME
	POR DESTROY LEGISTER DE

1.3	Intended Andrence and Reading Suggestion
1.3.7	molect managers for overall project planning
	scope understanding and progress tracking
1.3.2	Developers and Engineers, for detailed.
	understanding of system functionalities
	and technical requirements
01.3.3	Festors and QA: 10 design teat cases
	based on functional and non-functional
Particular and the second seco	requirements parsond moor partitions.
1.3.4	Stakeholders and drents 10 neview system
1.0	scope, purpose and expected deliverables
1,3,5	Maintanence Team: for understanding
7	system constraints and interface
	requirements.
1.4	
	Project suppe: Enormound and 21
	The Hotel Management system will manage
	resecuctions operations including noon
	reservations, guest check in / check out billing
about more	housekeening . It will also support
	housekeeping and main tanence tracking,
	The system will integrate with online
	notification services. Multi-user roles with
	secure access and multi-property
	management will be supported. Additionally
	mobile-friendly interfaces por guests
	and stuff will enhance usability and
	operational efficiency.

Peterences 13010 800 800
IEEE SOftware Engineering standards A
Hotel operational guidelines
STENSYO STREET CONTRACTOR TOUR PROPERTY ON STATE
ten a moit anteinium barrange per nombre
overall Description
Product Perspective
The Hotel Management system is a
standalone, web-based application to
designed to streamline hotel operations it
integrates with third party services like
payment gateways and onine moved agencies
for seamless booking and payment
processing. The system support multi-user
access with role-based permissions and can
scale to manage multiple hotel properties
Rows a centralised platforms
iledations to the Carolina description of the body because
Product function
user Authentication (Admin, Receptionist, Monager)
Poom Management (add, update, delete Boom in B)
a vest management (guest profiles booking history)
Booking management (new bookings, modify.
cancel) mon eggs and eninger combands
checkin and check out processing
stilling and invoicing
Reporting (dany occupancy, revenue, etc)
Motifications (booking confirmation, maintanence)

User classes and characteristics 2.3 1.5.1 LEEE SORWAND ENGINE STANDA DINNAS 2.3.1 Hass full system control, including user and configuration management. Oversees overall system administration and Charles of 1100 and security Dubong Duborg 2.3. 2 Manager Monitors operations, access apones, and approves special requests focuses on decision making and staff oversight Links and property to the contract of the Peceptionistin by Manages bookings, guest checkins/check outs and billing ensures both smooth Bont desk customer senice and productions of the sold of the second of the second 2.3.4 House reeping staff updates non deaniness and availability status. Receives and completes housekeeping and Itasks and mount of policion to a month in the Man mod study of by John John Many C. S. 2.3.5 Maintanence staff Itamen I to see Handles maintainence requests and 3 chedyles repairs keeps mack of work order status 100 sports 600 minsons d'est timination partition of Side ESTO DILLO ST MONEY COUNTY COUNTY FOR FIRE * And Addison Proton Proton 10 addison bidat

2.4	operation environmentalisation de la
1-9-12	The Moter Management system will be acployed
- CONTROL OF THE LIFE AND A STATE OF THE LIFE AND A ST	as a web-based application accessible on
5	major browsers across desktops, tablets and
	smattphonesvill will operate on windows or
	Linux servers, supporting both cloud-based and
	on -premises deployments. Stable internet
	connectivity is essential for real-time
	booking synchronisation and integration
	with external senices like payment gateways
Section :	and online travel agencies optional naraware
	like POS devices and PFID locks may be
200	integrated to enhance hotel operations.
	Continue and and and class
2.5	Design and implementation constraints
L TOTAL	The system must adherento data privacy
	regulations such as Coppe and comply with
Chara	Pal DSS standards for secure payment
	processing it will implement role-based access
	control, sewre authentication methods, and
	audit logging to ensure system sewity and
	integrity. The architecture should support
	scalability to handle increasing users and
	transactions, provide regular data backups,
	and maintain high availability and fault
	tolerence. Integration with third-party
	APIS MUST COMPLY with their protocols
	and security requirements.
PAT UN	and the state of t
	Suaria villability chack Min
	has gotto union another majore that
	rendered to northbook

User Downentation avivas The user downentation guides hotel stark and administrators on using the 00 Hotel Monagement system for bookings check inst where outs bring and reporting. It proudes role-based instructions 600 and bouldeshooting typs to ensuren smooth operations The Harman is no authoritory and principles 2.7 Assymptions and Dependences users will have basic computer literacy and intenetiaccesson solver 209 35/11 The system will be accessed lia modern web browsers (chrong fireford) A stable internet connection is required for real-time operations and thind party in tegrations of de adoptions 2.7.4 Enternal services apyment gateways, oth platforms) will remain available and as the said model of the file 3) Specific Requirements 300 PARTER PARTER PARTER PARTER PARTER PARTER 31 Functional requirement 3.1.1 Bystems skall allow users to create, edit and detere yours 3.1.2 system shall allow guests to be registered and their details stored 3.1.3 System shall allow creating new bookings with noon availability check 343 rem shay allow cancellation and modutication of bookings.

3.1.5	system shall process guest checkin by
	continuing booking and assigning rooms key
3.1.5	system shall process guest check-out and
	generate involvee with charges.
	(31,000 to most 209. (30,09,30)
3.2	Non Functional Requirements
3.2.€	The system shall be available 99.9.1. 6+
	the time the modern board
3.2.2	The system shall respond to user actions
	within 2 seconds was a mind of 19
8.2.3	Data backups shall occur dally.
	The system shall ensure data security
	and privacy en (10000)
8.2.5	The user interface shall be intuitive
	and user-friendly.
	Contractor Store boate 298 3331
3.3	Enternadinterface Requirements
	complete sometiones been ablance properties
3.3.1	User Interfaces 280 139 600 49000 309
	web based au with dashboards, forms, and
	repons
3.3.2	Hardware Interfaces:
	Integration with PDS Devices, Barcode
	Scanner or RFID for noom keys
	Software Interfaces
8	Integration with payment gateways, email
	and sms garcingy for notth cations.
3.3.4	communication interfaces:
3-3-4	to 1+TTPS for sewere communication.

do Cranton - A At prendices reque espond hode majore Acronymos and Mobreviations OTACONINE Travel Agency), au (Graphica) User Interfaces, APIC Application Programme interface), post point of scale) Exponential Personne 4 4.210 Tools and Technologies montend technologies such 98 HAML, CSS Javascript backend options like Mode.; s, PHP, Python, or Java; data5a3e3 like My sac or Mongoob , hosting plateoms such as Aws, Azure; integrations with pay mont gateways (Pay Pal), SMS senices and email. vituation and mode sometime intention Perences MIBMS M9 - 75EN 1000 IEEE 823 standords, notes operational procedures, API do amentation of miraparry services and compliance quid dunes for CHOPP and PETOSS was about deeps with 1000 based down 6910031 Engrand Strockbyrdel John with the Devices Borces Scanner to the powers EDISTON OMOUNTOR Internation with Bernston Just ENOMED A HOME YOUR PROMISED STYLE INTE Cappy Trated and Doby Comme 17 8 8 noithernous some service son 2971H -02 +86