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SRS Document

Hotel Management System

Problem Statement

Hotels face inefficiencies in manual operations such as reservations, billing, and check in out. Errors in bookings and delays affect customer satisfaction and Staff productivity. A Hotel Management System (HNS) is needed to automate these processes, improve accuracy and provide real-time access to hotel operations.

1 Introduction

Purpose To automate hotel operations. reservations, room management, billing and suporting while improving efficiency and guest satisfaction Scope The MMS will support ordine booking, checking out, billing, staff tools and

manager dashboard It should be scalable for small to large shotels Overview The system will include a customer portal, staff portal and admin

2 Jurusal Description

System Perspective Centralised client-server system with secure databases. bystem tunctions hoom booking, availability tracking, quest check in lout and brilling

Moors guests, hotel stoff and managers Canstrainte 24/7 uptime, secure transactions, multi-platform access

Assumptions Reliable internet and trained hotel staff.

3 Specific Requirements

Allow online and in person reservations

Modele room avoidablify in real time

yenerate wills and accept payments generate regents.

Send booking and payment notifications

	Reformance . 1 d seconds
	Support 1000+ concurrent users, booking response as seconds
	Design Constraints
	Role-based access. SAL database, scalable to multi-batel use
	Non- Trunctional
	Secure, reliable, user-friendly and maintainable
4	Schedule and Budget
	School As to marthy
	Requirements and design(1), (or modules (2), housekeeping (1), testing (1)
	deployment and training (1)
1	Budget = \$50000
	Requirement and Design: \$5000
	Development: \$27000
	leting and Och: \$5000
	Draining: \$5000
	Maintainence: \$8000
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	the state of the s

Week 9: Deployment. Budget Development: 45% Security: 20%. Jesting: 15%. Deployment: 101. Maintainance: 10%

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Library M.	Page No.: Oate:	YOUVA					
Library Management System							
	بديان						
Knoblem Statement							
turnal unary operations cause orrors in le	pote tracking and di-	, , ,					
Manual library operations cause overous in les centralised digital system improves efficiency an	id wer a series	in survice. A					
,	supplience.						
Introduction		4411.1					
Purpose Digitize library operations like cataloging. Scope Suppolls staff and strought for local	, lending and returns						
		rd fines					
Overview Online cataloging, member management, of	fine tracking						
	0						
yourd Description		· ·					
Mers Studente, loibrarians and admins							
Functions Search, issue (neturn, fines							
Constraints Internet access required							
9 a. 1 a. 0							
Specific Requirements							
Junctional							
Manage members, search and catalog books, is	issul rutury books, train	ck due dats					
fines and generate reports							
A F 1							
Interface							
Web and mobile UI. Barcock and RFID Into	ignation system						
0. 1	0 4						
Yerformance (a. a. a							
Mandle 500+ wers I day. Search in 62 secon	nds						
0.							
design	J-						
Secure data handling, low maintainence co	MIL						
Nen- functional							
Mayde, Scalable and reliable							
V							

4 Schidule Weeks 1-2: Requirements Vecks 3.5: Development Wecks 6-7- Jesting Week 8: Deployment 5 Budget Development: 40%. lesting: 15%. Deployment: 157. maining: 10%. Maintainance: 201.

	M T W T F S S
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	Stock Maintenance System
	aysten
	Broblem Statement
	Manual stock records often lead to shortages, overstocking or losses. A stock man
	maintainance suctor
	maintainance system provides accuracy and reduces questioned risk.
	A E . I
	Introduction
	Supe Supports retailers and work replenishment
	Scope Supports retailers and warhouses for efficient stock control
	Overview stock database all alerts for low stock, sale reporting
2	Junual Description
	Moers Admin, Steff, managers
	Turchiand Stock and to
	Functions Stock update, reporting, aluts
	Constraints Secure Login required
3	Specific Requirements
	Functional
	Record stock entries, manitor sales, trigger low stock derts, generale reports
	Interface
	Web UZ dashboard, System POS integration
	Performance
	Hardle 1000+ transactions day - Generale reports 255
	Mediate reports 25 5
	Non-functional
	Reliable, scalable and high performance
	Schidule
	Weeks 1-2: Requirements
	Weeks 3-6: Development
	Weeky 7-8: Jeshiy

Week 9- Deployment Budget Development: 451. Desting: 154.
Infrastructure: 201.
Deployment: 101. Maintenance: 10%.

		M T W T F	S S				
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_	Passport Automation System						
_	0 1						
	Enoblem System						
	Manual presport processing control						
	ensures faster processing and the paperwork enrors and	id influency	Auton	nation			
	ensures faster processing and transparency for applicants	,, 0					
	Introduction						
		3					
_	Purpose Automate passport application, verification and tracking						
_	mack status and the						
	Overview Ordine application, document verification, application tracking.						
	The opposition of	acking.					
2	yurural Description						
	Mers Citizens, Passport Officers, Admin						
	Questions April						
	Junctions Apply, recrify approve and track						
	Constraints Must integrate with national IP systems						
3	Spe cific Requirements						
	Junctional						
	Submit applications, upload documents, verify identify and in	otify applicant	5				
	Interface						
	Web and mobile UI, government databases						
	U						
	Performance						
	Handle 10000 + application I day, and respond < 3 seconds						
	Design						
	government security standards, multilingual support						
\	Non- punctional						
	Reliable Secure and accesible						

Schedule Weeks 1-3: Requirements and Design Weeks 4-7: Development Weeks 8-9: lesting week 10: Deployment Budget Development: 40% Lecurity and lampliance: 20%. Jesting: 15% Deployment: 151 Maintenance: 10%.