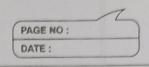


Hotel Management Problem Statement, (Title) Doepings, staffs, rooms, visits, checking, smooth working & report generation for 1) Introduction SRI 1.1) Porpose - To provide a software for hotel management 1.27 Scope - The system will hample reservations check-ins, check-outs, payments, & generate reports. It saves time. 1.3 & Overview - A simple system to manage hotel operations digitally. 2) general Description 3) The system will allow users to beofe dooms, manage staff details, billing details 4 maintainance 3/ Functional deglisements food · Room booking & cancellation · Check-in & check-out management · Payment 2 billing system gyn · Staff record management · Report generation 4) Interface dequirements · User login l signup Details manipulation

	PAGE NO: DATE:
	· Records database
	51 Per pormance requirements
	· Fast processing of bookings
	· Concerrent user control
	· Low error date Easy Concil
-	6> Design constraints
-	· Most be multi-platform
	· Requires internet
+	
+	7) Non-functional after butes
-	· Data security
	· Low latency
	e Minimal interfece
	a Data backup support
	8) Paplininger Schedule & Budget
	P) Preliminary Schedule & Budget Estimate 40824 months for development
-	with moderate budget covering saftware
	tools, server & manpower Capprox
	£200000)
	255) (A)
	Payment & billing 19 toni de
	Istall decend management
	ne tenente toots of the

Processing DATE: Poroblem statement, A software is required to automate andit card approvals, billing e fraud detection. 1) Introduction 1.1) Purpose - To automate the entire process of credit card handling & services 1.2) Scope > The system will hundle card approvels, payments, fraud defection, etc 2.3> Overview) A secure & efficient system for exedit land osers & bunks 2 Heneral Description The system allows customers to make used credit card services very Smoothly. 3> Functional requirements · Jeansaction processing · Uses authentication * Fraud detection system Bill generation 4) Interface Requirements · Secure login for customers and admin · Jamsaction historia display · Low corror rate 5) Performance dequitements

PAGE NO : DATE : · High processing speed · 2417 system availability · Minimum failure rate 6 & Design Constraints · Requires secure encouption · must follow banking degulation, 12 Non-functional attaibutes · Secority & deliability · Scalability for larger user base · (tos; platform 8 > Prelimenary Schedule & Budgeti Deve lopement in 6-8 months, requires
higher budget due to secority d
degulation costs. (appron 7100000) 30 weeks



Library Management System

· Problem statement,

we need a software to handle book records, issuer records, hamber data L return 1 borrow of books.

LSRS,

Do Introduction,

1.1) Purpose - Jo automate book return, issue, { record management in libraries

1.2> Scope-she system will manage book eqtalogues, members & borrowing fransitions.

1.37 Over new -> A digital solotion to

27 general description

5 The system will maintain defails of books, members & issue/return records. It will reduce manual work & save

time.

3) Functional requirements

Book search & catalog management

· Member registration l'records

· Book 1sive & return tracking. Report generation

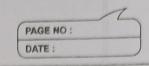
4) Interface requirements

· Logen for librarian 4 admin

· Search of fron box books

· Database for records

DATE : 5? Performance requirements · Rrich search operates · Concosa ency control · Fast startup 6> Design Constraints e works en focal compotees or web-based • Requires database system 7.2 Non-functional Attaibutes · Data security & reliability
· Easy to use for librarians
· Scalability for large libraries 8 > Preliminary Schedule & Budget Estimated 300 weeks of Levelo Bemant with low to medium budget (approx 3 100000)



Stock Maintainance Tyston

- Problem Statement.

- SA Software Box Stock Maintarnance System

12 Introduction,

2.13 Purpose: To maintain & momage stock becords

efficiently saving time & efforts

2-2 Scope: The system helps organisation track
available stocks, update solellprochose details

l generate aports

2.37 Overview: The software provides automates stoop management for businesses

22 general description

The system will maintain tooch of available stock generate reports & update stock details, which will reduce manual Rabous I sove timo

32 Functional Geguirement

· Add new stock item

· update stock on Jales/purchase

· Generate daily/monthly reports

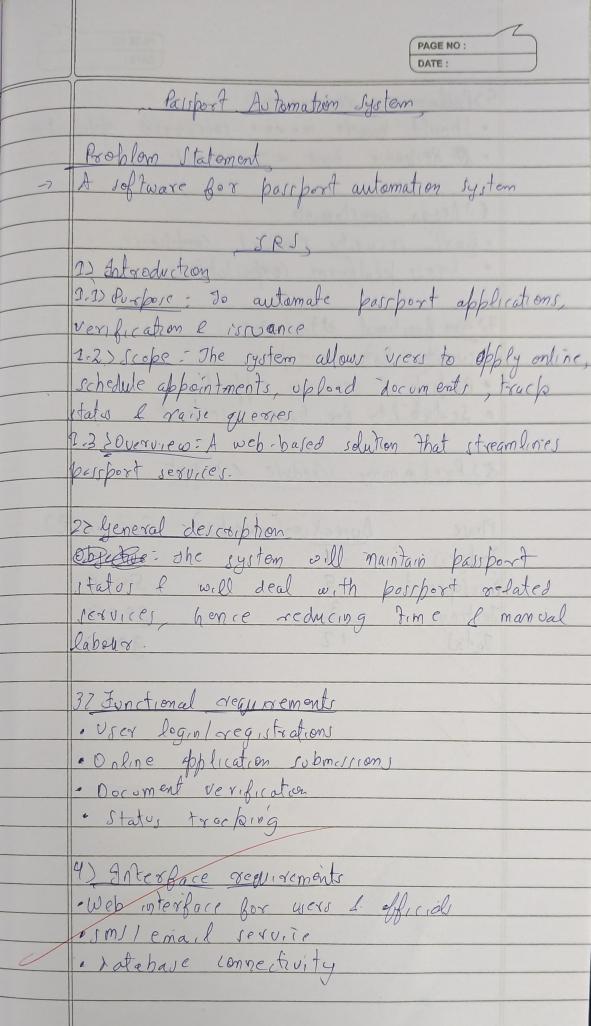
· Notify price drops

4) Interface de quirements · VI for admin (staff

· Stock search of thon

· Databose for records

PAGE NO : Elexbormance requirements
. Most handle alleast 2000 transactions lday · Response time < 2 Seconds · Do high fault tolerrence 6) Design constraints · Should be cross-platform · Concurrency control 7) Non-functional Attacketes a Data security & encryption · Scalable for hyge userbase 8 L Paeliminary Schedule 2. Budget Phase Diration (in weeks) Costina Analycis Nevelopement 3000 Jesting 10.0 6000



		PAGE NO: DATE:
	5) les formance requirements - Should handle 10000 + (oncore - Presponse franc < 2 seconds	sent applied
	b) Design constraints - Govit se covity standard camps - Govit se covity standard camps - Goss-platform compartable	Praince
	72 Non functional etterbutes Security: Data encryption Backup & secovery support o Scalability for huge usesbase	
18840	8) Preliminary schedule & budget	
	Phase Durction (in weeps) Analysis Supplement 5	Cost (in 7) 2000 5000
	Developement 5 Jesting 3 Jotal 12	9000
		tinot st
	V rosmunder master lide	motion .
	A Monomuno and	
	and series	