

4)	Stock Maintenance System
=3	O Dovelop a problem statement.
	As a broken, monitoring atock levels, when leads to delays,
	overstocking or shortages. I need a system that forces invade
	in real-time, monages supplies al generale reports for better
	decision-moking.
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44	the world that when devel there is into all .
⇒	1 Douglap a complete ses document.
	yearly acontains, which with your briefs -
	3. Introduction and sol & emporal (2.2
	while doct he with a party sol.
لدو	1.1) Purpose of this Document
	The purpose of this document is to define the requirer
سلم	& apacification for developing Stock Maintenance System (
	It provides understanding of objectives, scope of deliverable
	for afficient invendory of stock control.
	The transport of the state of t
	1.2) Scope of this document
	This document outlines the functionalities, cost, & time 112.
	of the sms the system will monage stock law supplies
	alabails, product, purchase 1900 tractura & raporting.
e ide	while siller privile handlers whileter
40	(3) Overview.
	The sms is a software solution designed to help
1800	organizations manage inventory. It supports product entry,
	stack updales, render notifications, de supplier management
installed b	& report generation

	2. General Description
	a supplied to the state of the
	The system will help effective management of stocks,
	trank stocks level, record purchase dissues, send
	low-stock alent, of generals inventory of financial reports
1200/11	3. Eunctional Requirements.
y takena tra	3. Punctional requirements
<u> </u>	3.1) Stock Management:
	· Add, Update, of delete product recods.
	- maintain stock buck with relat-time upolates
	3.2) Supplier Management
	- Record supplier details, purchase history
	3.3) Purchase & issue Tracking:
	. Log purchase antries and stock additions
	. Record product issues to departments or customers
turo rusali d	3. W) Roardez Maraganow.
est malare o	. Also uses when stock reaches migimum bulls.
المواانوالية	Chanenate purchase order outsmatically.
	3,5) Reporting! not and backers
	· Generale stock summery reports.
	Langet sell to good Car
the sent	4. Interfore Requirements
Shilyono	had not some the mileux att mo file for
	4.1) uson Interface:
	· Intuitive doubloord showing analysis & statistics
	· An Admin Ponel for managers and store staff.
ed a col	4.2) hagration interfaces:
who lock	· Integration with accounting software for purchase!
Lance Grane	
	· Bornools scanner support for stock entry and retrievel



	5. Parformona Requirements:
	The gistern about watch alad 1
	• The system should update stock transaction within 2 steads • Support up to 10,000 product records of multiple consultable
. 3111	Ensure consistency and accuracy in all stack updates.
N/18	G. Dusign Constraints:
	6.1) Hordwar Limitations:
	- Must support standard PCs, barreall scannows of printers.
	(3.2) Softwar Oppardencies.
	- Relational DBMS (mysel locale)
	- Computer Language technology (Admin LTE, Java, Bootstrap)
	7. Non-Functional Attributes
	7.1) Socurity:
	· Role-board occess to restrict unoutherized services.
	7.2) Reliability:
	- System should prouse bookup & recovery of stock dob.
	7.3) Scalobility:
	· Allow ording new products, supplies of workhouses sosily
	7.W Portobility
	. Support all platforms in dedutop of mobile.
	7.5) Rougability
	Modular design for Julius updales.
	7.6) Data Integrity:
	· avantes accuracy of stock levels of supplier recools.
	7.7) Usobility:
	· Eagy-to-use intenface for store staff with
	mining.

CIC HI	
	8. Praliminary Schedule and Budget
	The sms is expected to be completed in 8-8 months. according all modules from stock magazinent to reporting. With an estimated 10,000 LOC. the total development cost: 490,000, including planning, coding, tenting, a deployment
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