PAGE	NO:
DATE:	5/4/24

3,	Library Management System:
particular terres (as the article decised the article decised).	Problem Halunerd;
producer de la companya de la compa	The current library management system suffer
parameter of second second second second second second second	from manual processes and outdated technologies
y de Nove y madeilleanne ingele in dentange au province men en en en en felle fer en en	bresulting in inefficiences in book tracking, borrower
,	management, and resource allocation. Implementation
Acres of the second sec	a mordenized Ims is essential to streamline
	operation. emprous acceptibility & enhance are experi
,	for both slaff & patrons.
	10 10
1.	Introduction
	1, 1. Purpose
	The purpose is to outline the requirements and
	specifications for the development of a LMS.
	1.2. Sugar
,	This document defence the overall functionality
	intelace geguiement, performance enpertations elef dung
	combainly and non-functional attributes of the library
	Management-
	1.3. Onesuew
	The LMS is clergied to automate and streamline various operations cuitheir a library, encluden
	calaloging, circulation, membership management, and
	supostring. It aims lo improne efficiency, enhance uses
	experience, and faciliate better management of library
	Defoured)
<i>d</i> .	General Description:
	Koy features of Lous includes
	* Key features of Louis includer. + Book calaloging and Management

	PAGE NO: DATE:
	* Member Rigertration and Management.
	* Orculation Management:
	* Reservation and Renewal
	* Reporting and Analytics
3.	Functional Rquirement
0.	
	* Ability to add, edit, and delete books from the
	library catalog.
	* Member Registration and Management
	* Circulation Management
	+ Reverention and Remembel
	Russicition of books that are currently unawailable
11,0	* Reporting and Analytics.
4.	Interface Requirements
	* Graphical curs interface for library staff * Web based interface for online calalog rearch and
	* bles based interface fier orlling cololog blevels and
and an	menter services
	Mobile application for accessing dilorary resources and services on the go
	surices on the go
5.	Performance Requirements
	Performance Requirements 40 Reponse time for caladog search and book checkout
	3 records
	+ System yptime: 99.9%
	* Concurrent cues support: Minimum 50 mers
	* Data processing speed; Real-time cyclates for
	book availability and member transactions!
	and a commentary and a comment of the comment of th
6	Derion Courts ricely
	Design Constraints
	* Integration with crusting hibrary systems and

	PAGE NO:
	DATE:
	datakasy for data migration. Compatibility with different operating system and we
₩	Committeelite with different operating system and un
	brange
.1	browsest.
*	Compliance with library standards and protocols for colaloguing and circulation.
	colaloging and circulation.
	Non functional Attribules.
*	Security: Encryption of senitive data, Inole-based according
,-	control for sloff and members
<i></i>	Postalistic describility accepts dillusant devices and all
	Portability: Accessibility access different denice and plate Reliability: Vinimal dountins, data backup and sur
, *	Keliability: Minual equinime, data talkup and the
	Michanom.
<u> </u>	Scalability Ability to accommodate growing library coll
	-ns and uses base
8.	Belininary Schoolide and Badget
	The development of Ins is estimated to take 6
	months with a budget of \$80,000. This included analys
	months with a budget of \$80,000. This included analys excluder, development, testing and deployment phases
	and the present the state of th
-	
	1.
1	
- 11	