3. Fundhanal Requirments 1/10/24 LAB-02 BILL HAR WOUNDSHEEPING Library Management System. mails similar in the many of their some is brings in 1. latroduction Michally English Jak 1.1 Purpose 7 mis document This document outlines me junctional a non junctional rquirements for the development of a hibrary management system. The purpose is to create a system that automates me management of books, users and transactions within a library. TIMES IN OVERBUIL SERVES. scope que document 3.4 Reportery This document convers the core patures, technical specifications. and system architecture required for LMS. The system will manage, book innuentory, user ryistrations, borowing treturning transactions ? reporting. MAN WELL 1-1 Hode my work provided an ending the mobile The LMS will allow library staff to manage both collections and track borrowing activities, while members search for books, 50 AND 50rrow & view their borrowing history. The system will assure exicient library operations 2 improne user experience. Entry Marker Requirements 2. General Description * Manage book inventory, register usurs, track lending & returns. Scarch for books, borrow, return & view husbory. Ceneral reports, monitor eysten usage & manage users. * Fine calculation for overdue books. * Rojle managements. Literary of seconds.

	3. Functional Requirements
	. \$0.81
	3.1 aver Management
	* Usurs mut be able to régister à login
	* Admins must manage user volus à permission
	e a Rome metala s'immentory
	* Library stay must be able to add, remove, update book rung
MELLY DEVICE	t Osers can search for both by title author, gurre
	3.3 Borrowing & Returning
	* lasers can borrow books & view du datu.
	+ The cystur must track the borrowing status & calculate
	tines por overdu books.
	3-4 Reporting
. AND THE	Admins must be able to generate reports on inventory.
Tell-Tell No.	on the supplied and the son
	4. Interface Requirements was produced to the second of th
	Provided Stions & supportive.
	4-1 User Interface
	* System must provide an easy to use neels jutinface for stay
ANTO!	with and members to perform their tasks.
1.6	of done 4.2 External system ilnterfacts and don't be
	* system should integrale with external databases for
	some stretviening data: mortonigo provide breing
	5. Performance Requirements
	pridual 5. les system to add sign with many; and approver .
	* cyslem must support up to 1000 con current usurs
	2 un se mithout performance degradation somme.
	5.2 Response time who may by madelula mit
	+ Book seasches à borroro operations must be procused
	within 2 seconds.

.

.

	6. Duign constraints	Mily 2 JANAN Segundan	
	6.1 Platform & Technology		
	* The system must be don	d based to moure se	ylabilihu a
	easy access.		2
NAG S	6.2 Compliance		
	* The system must compl		regulations.
	e francisco prebancio pristanti		
	Lucking Danie Luck	Andri willgare	
	7.1 Security	20022 5-1	
- WHA	the system must ensure	mat all user & 50	ou data
JI ANI	are encupped at rust 2		
	beliability of 2 Reliability		
	* System must maintain	99.9:1. uptime w/ m	inimal
مور	so was considerable distribution, was a led		
-			
	8. Preliminary Scholule & Budget	- Audin	HAN .
		INY PROGNER 1-1.	
300	+ Requirement gamening	: I month	
	Development: 4 mon		
تدديراد	and sound trop about to Tusting of I month and	ייייי בישל ביייייי	
	* Deployment: Imont		
		49712-5-1	
Wyser	Grigor boro dono 8.2 " Budget in way will ally	The doc highes	
	* Durelopment: \$100.00		
	* Intrastructure & nost	ing: \$20,000	
	* Annual maintenance	: 400.000	
	anidox is Harlania for money to present to defend		
	portiolist, and the hope of about a person		
	thinteen of everlander to provide		
		ush danid Joan	