3 SRS for Library Management system Introductions and the same borres 1.1) Pympose: The pumpose of this document is to define the requirements for a library Management System This system will help libraries manage book inventories, member records, lending and returns efficiently. 1.2) Scope: 1-2) Scope: The system will support library staff in managing book collections, tracking memberactivity and issuing books. It will also allow members to search for books and veine their borrowing history 13) Overview: 4 Interdace Regularements The Library Management system will consist of modules for book cataloging, member management fines calculation, etc. 2. General Description: 2.1) Product Perspective: Theory system will integrate with current

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4,17	library hardware and software systems, allowing
sand sig	staff to manage ; both physical and digital
	collections in one platform.
5.2	User characteristics:
	Users include library staff (librarians, managers)
	and members for searching books, viewing
	account details). The interface will be simple
	and user friendly.
2, 3	System Constraints: The
A particular of the state of th	The system must be operational during library
	hours and support multiple concurrent hours.
	1920gne 9 Kt.1
3.	Functional Requirements
19-10-06	latalog management for books (add undate).
2000	Wember registration and management
	book issuance and return tracking
	tall tee collection
	Search functionality for broks his title
	TENTER PROCEEDING WITH CONTRACT CONTRACTOR
	Report generation for inventory and members
	cervity.
2300	Search for books and avoid the borner
7 1	oterface Requirements
	Maphical User Interface (GUI)
0	not based portal
- (barrade scanner integration for book issuance/returns
5. Per	Morman de Requirements
1.1	lust handle 200 concurrent users
5	earch query results should be returned in
	less than a seconds.

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A CONTRACTOR OF THE PARTY OF TH	Design Constraints
	· Must support integration with existing library
1 40	barcode scanning systems.
	· Modular design to allow easy future updates
	for digital collection management
	2 General Description registed warmen
7	Non-Functional Attributes
nd s	· Security: Protect member personal details and
31	borrowing history with encouption,
	- Scalability: Must scale for use in multiple bran
	· Peliability: must be reliable during library hour
3	Users will include warehouse staff actor

2. Preliminary Schedule and Budget

Overall time required - 5 months

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