dibrary Management System. 1. Introduction; The purpose of this document is to give detailed overview of the Library Management systems. to be different lunctionalis, of the system, scope: The scope of this project is to implement different functionalities like maintaining catalog bkeeping track of the books that are issued and can membership plans to registermem ben The payment system, analysing state of books before and after issuing, keep record of cues and their history of issuing en General description: 2.1 Objectives of cyen Manager: Manager should got the Monthly report of library regarding stack and demand Staff: staff should be able Manage member detail and their history of books issued Ond return he should be able to route the member in direction of target books member: they should be able to track the record of the books they have borrowed and duedate to return the book 2.2 cuer characteristics -> manager > 8 reception list staff -> seccurity - Management staff.

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3) functional requirement
	member registration of autentication; member
	should be able to register stemselves to the
, si	application and of wine their commence
	application and & cuing their asernamed passures
	with discovery plans: wen must be made avilable
X -	of access line and with different number
3	of access time and resource
-	payment: ceses shoke can perform the payment
1	through online with chedit card, or other
	Payment gateways.
	Catalog: cuers should be able to scroll through
	the different books available which are
1 1 2 2 2 2	of different picke or genre and should be
	Categorized based on age, like children,
1	adult and elders.
	Victorian Commence of the second of the seco
d. 9,	Interface Regissiagnment Requirements:
-	software interface; system uses restful APZ
	to commenicate with external systems such as
	payment gateways and email advers
	user interface: a web interface for Library
	Management system manages members data,
	history and section to find books.
	Communication interferce:
	sms/Email integration for regigstration and
	payment confirmation.
4.446	
	performance Requirements
4	s Response Limeix should provide real time update
	for available books
	· response time for Confirmation should beles,

	B. Design constraints;
	A A A A A A A A A A A A A A A A A A A
	-> front end cise templemented using mongods to
	database
- 7)	Non- Lunctional attributes
	-> Reliability
	-> scalability
* 1	-> availability
<i>s</i>)	preliminary Schedule & budget.
	schedule:
	Phase i requirement gastering (3 weeks)
	phase 2: system design & architecture (4 week)
Constitution of Constitution o	phase 3: Development implementation (8 week)
	phase 9: Testing (? week)
	phase 5: Deployment (2 weeks)
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