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	2. General Description
	and the second of the second o
	The LMB will assist librarions, students, of administration
	by managing bask catalogs, member records, & focus/return
	It will track due dates; calculate fines & generate
	report on library activity.
	bent blisser began den theside so julialens
Jan 1	3. Eunctional Requirements.
	3.1) Book Monogament
	- Add, update, or remove bodes from the ratalog.
	- Enable searching by title, outhor, subject, etc.
	32) Member Maragement
	· Maintain member profile, personal details of track history.
	3.3) Borrow / Return Process:
design of	Record book issul, return latur dates, update late feus
the perofit	3.4) Fine Management.
almiloubo	- Generale fine receipte for overdue books.
1	- Accept defferent payments methods for lines.
	3.3) Reporting
	locoen seed, etilidations shoot on shoot recool
and sec	a member activity.
Laure	rules in the fight force assessment from I will be
	4. Interface Requirements.
	4.4) User Interfoll:
of lan	
polden	- Acceptible via out browsens of mobile devices
	4.2) Integration Interfaces:
	· Integration with student/amployer dodobous.
	. Bordage acouse arbbout for parprise tracking.



	5. Performana Requirements:
	Lancing as which are productive of the
	. The software should process book issultation within 2 sm
5-4.7	· support a minimum of 5,000 members of 50,000 hade
o dec	- Data Accuracy, & consistency & error-file recool mangen
la de	and the specifical adaptional and partial and the specifical and the s
	6. Design Constraints:
	The state of the s
	6.1) Mardinara Limitations:
	Compatible with library computer, printegs of borcade scannes
	6.2) Softward Dopendoness:
	- Relational DBMS (MySOL lorocle)
	· Bockerd francework (Javo, Python Ojongo)
	Grontant from work (Mail Wind, 10 mary).
	7. Non- Functional Attributes
	7-1) Security:
	· Ensure servire login for admins & membrs.
	7.2) Reliability:
	· Provide backup de recovery for book records.
	7.3) Scalability:
	· Allow expension for more members, books, of branches.
	7.4) Usability
	· Provide simple novigation with swith of filter open
	7.5) Rougability:
	Modular design for lasy updates.
	76) Data Integrity:
	· Ensure occurate transportion de member records.
	The residence of the second se

	8. Praliminary Schedule de Budget.
0.200 67 57	The LMS will be developed in 6 months; covering 8 molules with 12,000 LOC. The astimated cost is
Lagran V	\$120,000 including development, testing of deployment
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