LAB2

- a. SRS document for library management system

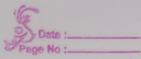
 1. Interoduction:

 1.1 Purpose of this document: to specify the software requirements of a library management system

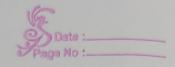
 1.2 Scope of this document: Users are allowed to bossow a book post 9 am and return a book before 9 ppm. Allowed to bossow only 3

 books at a time, and should always produce library cord while bossowing.

 1.3 Overview: detailed Enformation about the requirements of general bossowing procedures
 - 2. General description:
 - 2.1 Product perspective:
 - liborary staff perspective: truy can view the oliteris of the book being borrowed also about the enstoner details booksowing the book; has compute information about the
 - Book perspective: All Enformation about the
 - date, author, publish date, autonor who
 - bostrowed the book
 - books, infor on books, working hours of library, subscription plans
 - 2.2 Product function:
 - Bossowing / returning books
 - Buating books



	- Security system
	- libaroug staff main tenance
	2.3 User characteristics: customer must have
13	valid library card to borrow 1 return
	books
	2.4 Grenral characterstics:
	- enstomer must have valid library coad to
100	60 900 refuse books
CHAC	- books should be bookrowed after gam and
	return before 9 pm
ORi	- library eards can be obtained through
	subscription plans only
Jidios	- can bossow only 3 books at a time - books can be bosrowed only for 3 weeks
polisi	2.5 Assurption and elependencies:
3	- Customers must ensure that the borrowed
	books are returned in original condition
* 1	- Donald books must be in good condition
المادق	/ - library card can be obtained only if
wolg	there is a valid subscription
e Big	2. I the planted september of the chiral during
3.	Functional requirements:
	- Book 60 90 wing and returning system. Books
	can be bossowed by scanning the library could
	- library eard generating egstem: library eards
	will be provided only with valid prof of
	Subscription to the library
	The state of the s
4.	Interface requirements:
	- user enterface: borrow/ return functionalistes
	- AP1
	- destabase interface for books and auxomera



5.	Performance requirements:
	- the system should respond within 2 seconds for
96,00	an search anione
1 100	- Security: all information should be stored sufely
	En efficiently
	house 2 de Crengal chasteres.
0 6	Pesign constraints:
	- dutabase should be large enough to store all the
in and	- dutabase should be large enough to store all the info about customers, staff, book-ditails and
	should be relational database
Nover	- should be developed in the form of mitro
. 0	servers En should be constituerised
0,04	HI-30 Doctor board & July word was wheat Plue
10.7	Non-functional requirements: security, reliability,
	Non-functional requirements: security, reliability, oreweality, application compatibility data integrity,
DUSPED	quailability some same
NO	Wood said aire britains was blood.
8.	Preliminary schedule & badget: appromiately kee project will take is mouther to complete which inculates staff & organia one construents and plan
13	phroject will take to mouths to complete which
	inculates staff, sogneri ore construents and plan
	The whole software alwelopment, development and
	test êt. Budget is needed is nearly 50 lakes.
Borks	The Prole who seems with the second seems and the second seems and the second seems are seems as the second seems and the second seems are seems as the second seems are seen as the second seems are seems are seen as the second seems are
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