1.0012	4
30/09/2	+

LAB-2 3. Software Requirement Specification for library management system be obsertational derived library hours and 1. Priroduction: Purpose: This document outlines the orguirements for library management system disigned to help libraries efficiently manage their book inventories, member records, the issuing processimon parame o scoper strong modern of the system will assist library Staff in managing book collections, tracking member achuires and issuing books. o overview: 10 100 lt . Includes modules for managing members, tracking book issuance ochems, calculating fines. Uses will be able ho search a book via the app diskhop or mobile devices. 2. General description: · Product Perspective in a sold of If it istegrate of stamless motors The system will integrate seamlessly with existing library hardward and software, allowing stapp to manage both Physical and digital collections forom a single blatform. · User charactinistics: of and - not odomiala brosess : Wissessusers include library Staff and members what ho get search for books . The interface will be simple and der friendly. whordil skiller derpoter

	Sol_ (AB-)
	o system constraints: The system must
	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	capable of supporting multiple users at the same time
	Capaba of supporting o
	same mires
47	Time thonal Requirements!
	· Manage book cetalog
	. Track book Issuance and otherns
	· Manage member accounts
	· calculate fine fees
	e Enable search of functionalities
1,0,0	Staff in managing book collections tracking
16.	Entirface liquisiments
	6.37 for stall mempers
al	o web-bard portal for ubrary
	1 i do - 1 - no 10/10/1 2400/11/11
	D white
,,	system must accommo
	1 - 111975
	a general should be bustin
	Correct alexandra
6.	Design constraints: I must integrate with the
1	193101
	001000
4.6	The second of th
~0°	historial habitation with the house
	facilità de la sonie a mont
7.	Non- functional Attributs:
ordi	bescuring: Personal information of
3/1	the members must be secured
	scélability should be able to
	integrale multiple libraries
	· Peliability: Should be 99% teliable

*	Pacliminary Schedule and budget
0.	Preliminary Schedule and budget. O Development Timeline: Approximately
	5 months.
	* Simated budget: \$20000 for inhial
	development ?
	and read and a read well as the read and the
1.48	This document outlines
	Description of strangistics of
Control of the Contro	design he help business efficiently we
	de brown doors doort doub protestary
4	estrato estorario estate
	139038 5
6.80	the sed the moleps str
0	Hote manager and whenhous state
0111011	
3	: CUSMITS UD O
	The space of the shapeness
	Masuri of whater senders this missing
243	tracting sustract aliests wander management
	pod sodox bio
963	9 General discription:
	e Product people bus
Hier or	24248 edt
	parama works with existing whom manag
	SAIten
	e uses characteristics
11/c	203233
	include exposer manager doubles
	ed this vojeth att monare work
1	Displaying to ease of less dinie
	supplier constraint
herry !	attue str
	FIDS Isnakonska of

		seem oursely	Page_14
3.	library marager	next system.	4, Shock Mo
		The state of the s	ora prodult.
	W40		programmet
	Library	raginal contract	Book
	name: shing	Constant of the file	title: smig
	location: string	The to bearing -	author: String
	add Books)	1724 11 15719	evailability: Boolen
	Jemove Book 1)	roper and	issue()
	list Books ()		reward)
1	d dynamic!	A Maintain	
1			1 *
			State of the state
-	loan	1 1	Author
1 ;	2Dishing	*	Authorapishig
	issuditi Doli	13.18	name smig
	duce Date is Date		bio Shing
	* KNEDDOMES		updatiBio()
	Checkoverdues)		1 1 1
	*		9.7
	1		karms! 1
	Mana	- Malakawa (*)	*
	Mumber *	1 The Ching of	Publisher 1
	Rumber ID. Smg		Publo: String
		Godact way	name! string
	Contact: String	i skilok kolote	Contact: 3ming
	borros Booker	Chamber Root to 1 + 1.	
	Jehem books		remove books
,			a constation
	1 the same		Carl Maria
		*	1911 adia

				classmat	classmate	
				Date		
	Advanced class	diagram		A tradesof.	2	
		motopp not		[4] 3704		
1.	library manage	ment syste	em:		1	
	V	TOTAL S		a to the second		
	THE WAR THE	LIBRARY		4382283346		
	it to new !	to ame: string	100 100			
		paddess: shire	71	the sattle to the		
	1	tadd Book ()		at meld to be the	1	
	Control adade 1	tissue Books	NA LAN	same!!!		
	in indicate	tochen Books	1/2	de titelle		
	toons *	7 7	1	saissisc - ro	1	
	Book		owns *	- Magazines		
	thitle string			#d:shing.		
	touchor shing	*		Publication: sining		
	HISBN String		. 1	TISBH! SMig		
	perche shing		19 25 3	get Details()		
	+get Details1)	Emploques	1. JAG 65	tcheck Acrailebility()		
	tcheck Availability)		Endles	and sales		
	Take addy		No. of the last of	Desirand 1	(
	* 100/			*		
	Bornos U	DAN	libra	man		
		Dati dute	temple	oyeeld:smg		
mara	ps + deu	e Datidete	trame	! shing		
- 4	mil 100 a free	int: irt	tissw	Book!)	1	
	1 1 1 + can	coult free)	+ mare	ge Erverby()		
	Mimber	421104542			-	
	t member: string	die noderno			1	
*	thank! shing					
	+ contact Dety : string 1	(1,7)11/0-62		7.20/1		
	tBorrowlimit: Stra		Facul	hy !		
	+ Borrow Book()		+ name:			
	t When Booker		3hi			
		Shident		20//3		
		USA! Shing				

STAR UML DIAGRAM

