LIBRARY MANAGEMENT SYSTEM

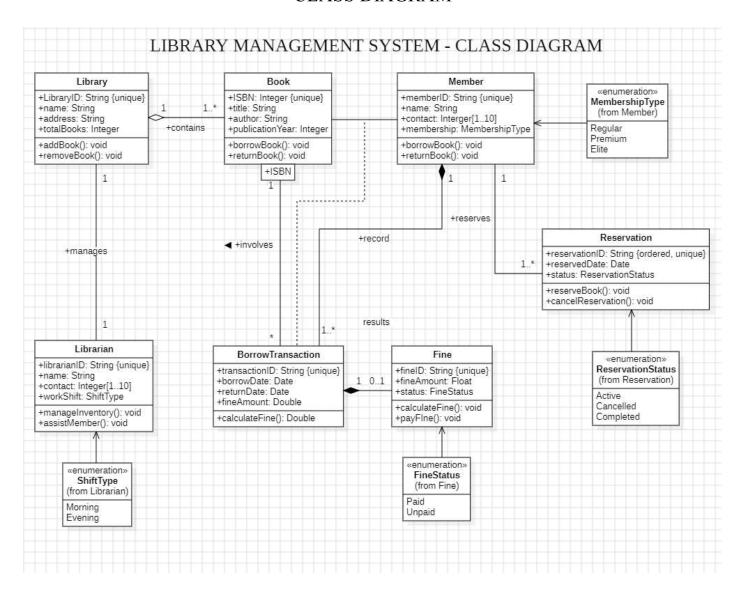
SOFTWARE REQUIREMENTS SPECIFICATION

Library Management dystem 20/3/24
Introduction
in Augase of Rin downent
This document outlines the sequirements for the development of library management system. The purpose is to define the system's functionality. Dehanious and performance that
burgits the statts and students
12 scope of the document:
It aims to automate the tasks related library management operations. This dystem provides some facilities like accounts premiens year question papers, vedio leutures, library catalogue, magazines, asticles, etc.
1.3 Everyico:
In arrival the LMS provides all the above mentioned
hunkowalities like it allows catalogue management
search) brouse for books and articles, get accent to reas
lectures. This also adds additional feature like copyrights
house al Descriptions:
The LMS allows the staffs and students to have easy accus to library ecources with good performance H delivers all the basic facilities that are provided by LMS.
C lineal Provingent:
. The system should allow for addition, modification, of
book details.
Maintain correct classification of books like magazines, acticles etc maintained separately.
update the data (return data) automation of
Allow easy browsing for redio leutures based on interest.

4 Interface Requirement: - It should provide the user with good GUI such as dearly danified sections/modules for handling beach, magazines, etc. et includes a good web based applications 5 Performance Requirement: - The system should provide concurrent over access without any performance degradation. Hemory management. 6. Dugn Constraints. - system should support for both desktop and atmobile devices stut be compatible with modern web brauters. 7. Mon-functional Requiremente: The system should be robast and reliable. - It should delive the results within short time like the hotory search, and search will there was not the search 8. Schedule and Budget: - An estimated schedule of around 6 months would be ecquired for development and deployment. - Budget around \$ 125000 estimate could be dovie for the entere project. - lequirement identification \$ 15000 - Design phase: \$10000 - Development phase: \$ 80000 - diployment phase : \$17 500 - Testing phase \$ 7500 Post diplogment: \$ 2500

UML DIAGRAMS

CLASS DIAGRAM



	• • •	•	Page
N. 131.	Lieonon	Manadalas	NT SYSTEM
0.010	ALO KHNY MO	I BNAREME	NICOYSTEM
Library			BOOK
Asboracy Di Storing	ny		2SBN: 4nt
Name: Storing	02	ontains 1.	Title: Storing
Addies Stoun	4		Author Storing
totalbooks. Int			Publication leave: Int
addbookl		11	basionsbookU
siemo in Book!		92	3 returnsook!)
O Maket to the			On thise.
Uzerbell spanper	20		UNDO ENS
			1 100000000
11/1/10/10/10/10/11/11			1 15 1 2.3
Librardin			Member
Liberasian di 4	d		membered: gro
wante : Name is storing			Name: Storing
must contact and			ricontact soft
week warkshift: &	toine	13,	momborship String
priset & manage smount	00111		Was de a la company de la comp
assist Manber	wys		section Book!
A	*		(Tebra 1 + sieseries
Operational stables		11 200	coods Resouration
ID 2 Storing 1 026	80: Stouris	MACTEM	(1 of 40; storing
Amount : Bouble 0.1 1	2020 constate	the state of the s	Date: Storing
Statul - Status results	retween Date	String	Status; Status
	fine Amount		2 ceseowe Book W
[payfinel]	calculatefiv	ell-	Cancel Reservation ()
	SMIX	1	Kenumoration>>
Startu Startu	1 2 4 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	NO.	Status
Para			Active
Unpaid	Tarana a		Comploted