Liberary Management agetem. 1. Introduction: 1.1 Purpose of the document ? The purpose of the document is to define the viequirements of hibrary management system such as managing student and stay peropole, bourowing of books and book details. 1.2 Scope of this Document also as outlines the features and objectives of the document 1.1 Scope of this document: This document perovides detailed description of the xystem that encludes operations of the library management ayodem. Document also includes estimated budget and development lime. 1.3 overview: it purvides platform de manage student and stoff details and their the delast of last books those lent. This helps sibrary management keep track of to new books arrived and books those lene general Description! Library management system 18 a neb-based application that has functionalities to mana - ge under purofiles, and dates so return the book lent as well as details of news books overived. This syxtem also includes. books that are necessary for eludents attack that

7	are not present en liberary.
	3. Functional sequerements:
	Afudere and staff pelospiles: This enclude
	details of students and staffs.
	· Details of booksowed books: This includes
1	lender details along with due date.
	· Details of existing book: This encludes
	eccation of the book on the library.
00	· Login and Lignup functionally
134	4. Interface Requirements:
01	· Weer Unterface: Web-board GUI for both
196	hibrary omanagement and wistomer.
a	5. Performance Requirements:
133	Ruponse some schould be school.
U)	. Time do time updateon in the detaction
500	the books soo seat 19 19002 51
. 0	6. Desegn consdeainte:
w	· Developed weing hemiless, Tavascripe
97	. Using monge de for database managem
	externated budget artistavelepm
as	7. Non-fundronal attributer 5
, Q ^c	· security: securing the details of wato
W	1 . tras - mere phood the last of sources
80	· Re-Pability: Short supposed lime
V.	· Usability: User feciendly interface.
	8. Psulominary schedule and Budget,
اناو	· Development lime: 12 months
0	· Esternated cost: \$ 90,000
إزاء	- Requirement analyxis -\$30,000
100	+ Design and implementation & \$ 5000
1.1	+ Verification and validation - \$ 30000
83	- Evalution - \$ 15,000

DATE: Library Managers ment mysters The men ((numuration) Library BookAvailability Magazine Library Name: String akeyNumber: int ghailable batch Number: Int checked out addres: sleing check Availability) Reserved adol Book() PssueTo Member () relun From Members remove Book() Book PssueBook() little : Bleing Nuospaper authol: String sieternBook() sheyNamber: Int batch Namber : Int WOOMIN D. ISBN: String checkAvailability published year: int 1ssue Tomambel () Librarian neltur From Membel () mployee Disting avoilability: BookAvailability checkstrailability) name sling Frutton manage dibraly shelf Number 1 Pnt Pssue To Member () batch Number 19th siegister Member () check Availability() stluin From Member () fme Members) PSSUETOMEMBER () K reluin From Membel () white Transaction borrows teans ID: steing Author 0 ... * namerebung bourow Date: Date Member. return Date : Dale bio & steing 00 member D: String fore: Double winde Booke) name : string calculateFine() contact: sleing borrowed Books: Set < Books Faculty Member. C. 8100 boserow Book () tebrarycald name: stung IDNumber: Int setues Book () colded sleing imposed on barracoBook (1 Pssulbato: Date return Book () expirationDate: Date FPne student Member. amount; float renewal() due Date: Date name: String pay Finect JDNumber 11nt borrawBook () setunbook()