1. Introduction

1.1 Perpose of the downest The austern will manage library operations such as book booming returns, once registration and catalog management.

1.2 Scope of the document

ais provides detailed everiew of systems objectives interactions. CMS will sautomate management of liborary sesources, including cataloging loosowing seturning and backing books. primaria bu mulanes dec

13 overview

the system will facilitate the operation of physical library by allowing librarians to track inventory, boronsers to bororow books, seturned books, generate reports. It will suppost multiple user roles, administration, user members. efficient platform to manage library digitally

The I shake mill some HEI's

2. General Description

- - · library staff · General Public
- 2.2 User Interface
 - · Easy to use & intuitive
 - · Seame Cer enrypted

· Support various functionalities.

2.3 Features

The system will function as a cubralized platform for wonaging utrosant's secources. It will enable users to search towns etc. literarchans, administrations will have ability to add, update , semove trooks for library management God tracking of book inventory.

3. Functional Requisements

- · User registration, authentication new user to existing user to log in using credentials.
- · Book atalog administration can add, update and remove book
- · Book geording and Bornowing
- · Book Return, fine Calculation.
- . Notification system
- · Report Generation of anomoration pricually pri

4. Interface Requirements

expect multiple user soles, administration, User Interface: Byskm provides a easy web-based, interface for both bit librarions of users. rollainery Demis

API: System will have API's for integration system will send remainders for users to return books on time.

Hate processi .

User Inference

5. Performance Requirements.

- · Have least response time.
- . Should be able to handle wad.
- to use is intuitive

6. Dorign combaints · Scurdty: Provide occurrity areasure to protect · Scallifoldy: Puters growth is increasing demand should be kept . Integration; Must consider other Up appen by cornicas J. Nou. functional attributes , Maintainability · Tuter operator hity · Postability B. Pseliminary Schedule & Budget - Soudelle for this project is estimated as: Requirement gathering &. Analysis -(4-5 weeks System Deolga Development Teoting & Validation Total Estimated weeks - (19-23 weeks) Estimated project for this project is: - Requirement documentation - (2100000) (\$ 50000) (-5 TO0000) Deve lopment (250000)