01-10 . 2024:

LAB 2: (A) SKS DOCUMENT - LIBRARY MANAGEMENT

Introduction than so promoto framerion 9.

Armon & sudistingo, has open

The tumpose of this document is to spenty the functional and non functional suggestrements for Library Management System. It intends to provide automation pour common library operations including book cataloging, member sugistration, lending and suturn of books and management of free. It is disigned to increase efficiency on going maintainance 4 ac. obc To

1.2 Scope :-

The system will manage the entire lifetyle, from book acquisition and cataloging to member services. It will support both physical and digital somus and provide a portal for mumber to check availability. reserve books, renter borowwing history

1.3 Overview: monno

This SRS document provides description of system requirements, including architecture, functional, non bunchional and design constraits for the system.

General Description: - stumping and and this system is a self contained system that will be adeployed on a local network for in the cloud, accessible via web browsers. It will interface with external systems such as online book databases and payment fateways for managing bus. the supplies of soot with animal is Functional Requirements: 3.1 Book cataloging :-· allow to enter book details manually or via whom to anals on a setupro 22 was and the allow to catagorize books · unique identification for each book 3.2 Member management is managed demoidement and · allow new members to register excesign unique is and allow each member to login . shows personal details, few status, order history the vedisors do redgester o primer so 3.3 Borrowing or Returning of Books in issue books by scanney member LD & Book ID · update availability of issued book. allow return of books of calculate ownders fines if applicable STATE HO TO MERSON alva delining and was a utilizational questina special skinery Ist do not drawing

DATE: PAGE: Performance Requirement " System shall handle up to soop entrument ucers. without performance digradation. . The system shall return search results within 2 seconds for typical queries. the purpose of the deminate is to daying with The requirements of stock maintain and sylving 4. Design constraints: Lawyland at my ago at dead product trouble, and provide fruitor · must comply with local data protection laws . willy used bareadle may or may not be to to ut compatible picture assesses stranger to " hardware upgrade may be expensive, 8. Budget and Timeline: 8-120th Timeline: Sandus the makes with 16 A what they are not presente prisoner · Requirement Analysis: 2-4 weeks · beeigning , 4 - 6 weeks both to the · Implementation : 8-12 weeks Testing : 3-4 weeks " enoution . Johgoing . will be the state 8.2 Budget: Development west: \$50,000 infrastructure of hosting cost: \$10,000 | year Stationer of Ladies 13 agrade , darring open por 120