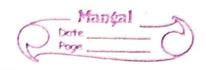
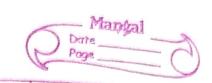
Library management System 1.1. purpose of this Document Just document outlines the design of a library management system , in kinded to automate the management of books. numbers and transactions is a library instant in 112 scope of this poument :4. the system will streamline library Jinana operations, improving book issuance, o return processes, and inventory management. The project is estimated to complete in 4 months within a moderate budget i 1.3 ovenien; The system automates the cataloging of books, uses registrations, and transactions staff and members to easily access and manage resources, 2. Cremeral Description: The system provides functionality for managing books, member details, and transaction like book insuance and returns. It aims to enhance user satisfaction by providing an efficient and well- briendly interface for both



staff and library members. Functional Requirements: · Book cataloging of inventory nanagement . member registration of account management . Issuance, renewal and return of books. overdue fine calculation of norifications. in in the physical of their sufficiency merfalle Réquirements : gre system will peature a destiboard for librarians to manage books and transactions. while members can search and reserve books through a web-based interface. Real - time data updates ensure accuracy en inventory, montant is 5. Performance : Requirements : 10016 seconds, with 39:5 of system uptime and accurate data handling for all transaction. 6. Design constraints: system must integrate with the enesting! library infrastructure and database. project is constrained to a 4- month timeline and misst operate within a fined budgetpens kullertuss I 7. Nou Functional Attributes:



Rey Non- functional features include security for user data a scalability for future empansion, reliability ; and Portability for multiper platform access.

Preliminary schedule and Budget:

The project will be completed in

y months with a budget of INR

3,09000 covering development, testing:

and deployment.