III. LIBRARY MANAGEMENT SYSTEM

Problem Statement:

Develop a comprehensive library management system that allows librarians to efficiently manage inventory, track loans, handle member registrations, and generate reports. It should have a user-friendly interface, search, reservation and fine management features with robust security, scalability and automisation options.

Introduction

Purpose: Guide for development team, stakeholder outlining objectives and scope.

Scope :- Describe working objective, values to customers stake holder, with cost and time estimates.

Overview: Summary of the system, key functionalities

General Description:

Broad overview of functions, objectives, user characteristics, features, benefits.

Functional Requirements:
Specific functions system must perform, ranked by importance.

Interface Requirements:-

Detail how the system communicated with u...
other software and external devices

5. Performance Requirements:
Specify system performance under various cond...

6. Design Constraints:
outline limitations or restrictions for system
design.

7. Non-Functional Attribute:
Qualities essential for systems Performance
and usability

8. Preliminary schedule and Budget.

Initial Plan for development including tim...
and budget estimates.