5/4/29 Library Management System Problem Statement: The current menual system of library manage is inefficient of prone to ervors. There is look centralized system we need a LMS that can streamling liprary operations, infrove user arress to resources, and enhance overall efficiency The proposed LMS aims to provide librarias with a use friendy interface for managing library resources and emperous users with early access to search, borrow, frisher booky Seamlerly. 1) Introduction: (1) Purpose of this document: To outline requi for development of LMS. to Streamline management of lib resources of enhance user is experience (12) scope of this downest. It includes functionality, performans, interfaces constraint of the LMS 1.3) Overview: CMS provides features such as cataloging of books, managing number information, tracking book loan, and generating reports. It will be accept ble to both librarians of liprary members. 2) General Description The LMS will some as a hendralized system for managing all library operations. It will coteder the needs of librarians for efficient management and weres for easy access to library resources

fire
The system will be user-friendly & scaleft
to accommodate future granth.
3) (unctional Requirements
- user Memazenet
- Catalog Mainagenet.
- Loan Mariagent
- Reparting
- Notification
a) Enterface Requirements
- The system will have user-friendly web
interface for both librarians of users.
- 5% shall support multiple languages of b.
accessible on different dervies.
. 5) Performance Regarinements
- The system shall be able to handle a large
no of consurrent visis.
· Response times for searches of transactions shall
be withing acceptable himis.
6) Design Constraints
- The system shall be designed using Java for the
backens of Angelos for the pront end
- It shall whiling of relational database for
dada stodagi
2) Non functional Attributs.
: - Semity
- Potality
-Reliability
-Scalalility.

Prelining schedule & Budget

- Development bine estingti: 6 12

Budget: \$ 50,0006.