3. Whrary Maneigement Syptem.

Evolution that can efficiently manage day to day option of library including sirculation of hooks, managing user account, tracking, inventory and generaling reports.

System should be user friendly, sever and scolable for future growth.

This system automates many manual process such as look issue return, ounder four, up date, de

SRS

1. Introduction

non-functional rug by ensuring effective sibrary management. It reviews as roadmap for development that can impress operation that I enhance customers I student's experience and ease the staff's work.

1.2. stope. To sun and ensure that Eurary function as smooth as posselled: Suntopment time depends on how complement augment septem has to be built.

1.3 ourview: Application is duuloped to optimise library operations, leading to incused efficiency.

2. general Discription

The library management system is divided to different modules anot handles different function of petural library and administration.

It's used to organize and manufacts databases including trooks, magazines, etc. Handles funding and returning of books.

Hanges distrary's inventing and purchasing.

Budgeling, staff management, ste are also some use of our system.

3 functional Requirements

- codaloging: allows librarian de easily organize all-lypes of hooks, journals. magazines, ele
- circulation: should proceed alility to manage circulation of materials including checken (out, renewals, holds, ele-
- registration, verification and authentication Truy can also track the artivolies
- · should have notust sicurity features to even eatily and integrity of believe deller

4. Interface réquirements:

- · system should have even finendly interface that's easy to navigate even for user.
- that adapts to different series sizes of ducces
- · system should be accessible to all users.

- explin should provide user with customization options to change prefermers.

 Huttilingual support should be provided
- * Hultilinguel support should be provided keeping different were in mind.
- telp and support should be aveilable

5. Performance Requirement.

- equest such as searches of checkouts.
- of users and suspenses
- · system should be available 24x7.
- · Septime thould be reliable with high degree
- · Lyslem should bu secure with appropriate access postol, data eneryptions, etc.

6. Non-functional lequirements

- o It should be user friendly and intuition with short unterface.
- · should respond faster with realistly -
- · System should be easy to manteein and undote
- of the library systems.
- · mould follow relevent laners like copyright issues, etc

7. Disign commant: , Hardware constraint: rystem has to be realty integrated within in already built library infrattruture.

Software limitations: constraint on amount of dodg that can be proused and stored and the speed of data Time constraint: should be developed fast · security: must adher to security regulationis and product users cudentialis. 8. Pulimnary robedule 4 Budget schedule: flamming: 35 days Development: 4 mouths Testing: 1 month or 309w1 19 Deployment: 15 days Budget it warque at and the man as a walle Hardware: \$100000 Training: \$35-40,000 12 cape: Ouroll waters and energe co vivous, as primer a matger into william my la International on the internal and trengaleur with toffe the ing our pour son ton plans mark exclusing are improve the quest istification and inevited renewal.