3. Library Management System

1. Inkoduction:

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1.1 Purpose: ... manier esser à atrobab des presses The purpose of this document is to define the repulsements for a library nonagement system (LMS).

oud, Fire I lamon ?

The LM's will help in rounging book inventories, member sepoche. It ame to simplify likeay operations, reduce manual work & somptify likeay operations, reduce.

1.2 Scope:

The system will allow debarrant to manage collections & It will enable membere to reach, boreow & return books The Lors will also provide overdue alerte & generale weagh reporte. The system shall be web-based & amenical to week with different levels of technical emperties

1.3 Quervieur salte par salte par salte d'antire je manade The trus will automate core thrany functions including and for calculation and fine calculation.

timber se service. Mit per whood hours.

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2. General Decemption

The Elbeary Management System is designed to serve refressione students & etaff. It promoles a centralged database for choring book destable & well enformation. The system envises efficient rearch & releveral of recourses, real time kacking of borrowed books and remove management of member accounts It will be use frevolly mabble & flenoste Waterns borowing & refusing

3. Functional Répussemente

3.1 Catalog Mounagement

Ald update a delete book viewden * Malntain caleportes, authors e publication idélasses

comment work of Englowe

3.2 Membre Management at wolmon illers to

* Refréter néro members à maintain their reverde

3.3 Carulation Management

* Borrous à return books by d'île, author subject * Calculate à restad fines of orwedue steme

3.4 Seauch & Reporte:

* Gearch books by tifle, author or subject

* Generate reports on muendory, excubition & oneedue

and.

4. Interface Republimente Then June Penal affection 4.1 Cleer Interface * Acceptele on deckhope, tablete & mobile devices 4.2 Interation Interface * Integration with barcode reanner for book issue thetreen * support for emoit 1sms notification, for due dates & lines 1. In Parlia Carlos Carlos 5. Performance Repuisemente 5.1 Response line 7.5 . Valorer of the * Trone system should process clarch quely within 25 5.2 Scalability + The engelen should support at least 500 concurrent were 5.3 Date Ontegoty sondes se motific him production Eneure accusaigne convitency of book à memba dete 6. Deing n' Consteaunte . Black de la la les 6.1 Hartware Lamifatione: * Compatible with standard debeary computer & barcode 6.7. Software Dependencie: * Rational DBS (my SOT / Portgres & L) * Developed very technologies like Jus, Spring Bool of Python Diangro

itelace the usement 7. Non Junctional Alkabute ... ther Interpres 7.1 Security + Authentication & authorization for use accert 7.2 Retability * Proudle easy nanipation q anienabily for all meg · Compatable with major web Growleix & opentry aydens 7.5 Mountainability: * Modelae dewyn for fictiere enhancements 8. Paeliminary Schedule & Budget Louis onty The Lebrary Maragement System le cet maled to be compléted In 4-5 monthy, convering development & teeting. The pighted budget is about 24,50,000 en cluderge officiale, dotaball selup & ental meinterance. 6.1 Kalause In stations: + Cory with the dash about computer : have be is a soften in Delangerina. (18 Forthead 201 hour) 594, 1 - 307 x and fire to book from and the state of the state of the