

	Library Management System
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1	. Introduction
	1.1 Purpose.
	The purpose of this document is to specify
	the requirements for the library Management
10 - HW	System which automotis the process of managing
	books, members, and transactions.
	All the second of the second o
huge	1.2. Document Convection
	The document follows IEE standards for
	software Requirements specification.
d-7 x3-	- tol like subsection that a large con - ord .
	1.3 Intended Audience.
1 kela	This document is for developers, testers,
	librarians, and project stakeholders.
	1.4 Project scope
	The LMS provides functionalities for book cataloging,
	member registration, issuing, oreturning and fine
izaref.	calculation. It improves efficiency and reduces
taref.	
izaef	reducation. Tet improves efficiency and reduces
	reducation. It improves efficiency and reduces manual errors.  1.5 Reforences.
	reducation, Tet improves efficiency and reduces manual errors.  1.5 Reforences.  TEEF SRS formal, Standard database practices,
ta and	reducation. It improves efficiency and reduces manual errors.  1.5 Reforences.
2.	reduction. Tet improves efficiency and reduces manual errors.  1.5 Reforences.  TEEE SRS format, Standard database practices, and sample library workflows.
2.	reduction, Tet improves efficiency and reduces manual errors.  1.5 References.  TEEF SRS formal, Standard database practices, and sample library workflows.  Overall Description.
2.	reduced them. Tet improves efficiency and reduces manual errors.  1.5 Reformes.  TEEE SRS formal, Handard destablish practices, and Sample Library workflows.  Overall Description.  2.1. Andred Perspective
2.	reduction. Tet improves efficiency and reduces manual errors.  1.5 Reformes.  TEEE SRS primal, Standard database practices, and sample Library workflows.  Overall Description.  2.1. Andred Perspective The System raplaces manual registers with
2.	reduced thin, It improves efficiency and reduces manual errors.  1.5 Reforences.  TEEE SRS formal, Standard database practices, and Sample Library workflows.  Overall Description.  2.1. Andred Perspective

	2.2 Product functions.
	2.2 traduct functioned, user membership, transporting
	and export exercition.
	1 0 1C/2 '
	Students Students
	a la
	who haved application,
S	Linux servers with a SQL database.
	2.5 Constraints
	Across orestricted by scoles; transaction must
فأرورا	be loged.
	2.6 Documentation
	User manuals and admin quides will be provide
	197. Assumptions and Devidencies.
	Stable internet connection and fuctioning datulous
	Server are assumed.
3.	Specific Roquirements.
gay - Pa	3.1 Functional Requirements.
<u>41-74</u>	- Add, update, and delete book records.
61 Jun	- Register and manage members.
	-ssue and return books goith due-data tracking
	Calculate and many of the
	3.2 External Interface Requirements.
	maistage for these
	3.3 Surem Que
	3.8 System Features.
	- Search books In Any
-	- Search books by title author or category.
36	3.4 Mon-fuctional Requirements.
	· Secure andresse.
	- moral costron-
	- Response time, a
	- Response time & 2 sceonds.



- Scalable to handle 10,000 + rie cords

1. Appendices.

4.1 glossary.

1MS- Library Management system, DB-Odabase.

4-2 Future Enhancements

Integration with e-books and digit library scrvices.