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| | > Library management |
| | Crontag . |
| | . Introduction |
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| aldina | 1 Purpose it mily on 14 - while mentaling had there . |
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| b | The purpose of this 5RS document is to outline the |
| | requirements for the bibrary management system. |
| ho | The LMS is intended to automate library operations. |
| | The purpose of mis 5185 abdument is so outline the requirements for the bubrary management system. The LMS is intended to automate library operations. |
| 1.2 | Scope |
| | Committee of the commit |
| | The LMS will resul as a comprehensure platform for |
| 1 3 | managing physical and digital library resources. The system |
| | The LMS will serve as a comprehensive platform for managing physical and digital library resources. The system will be used by library staff and library members. |
| | |
| 1.3 | Quenculio |
| | |
| | This document covers the functional and non-functional requirement of the library mangement system. |
| | requirement of the library mangement system. |
| | The second secon |
| 0 | |
| 2. | Cremeral description |
| | |
| | The ims will be a standalone web-band application |
| | will consist and horary revource efficiently. The system |
| | designed to manage library revource efficiently. The system will consist of several modules: Book management; Transaction management, & search etc. It will provide sole-based access. |
| | role-based management, & search ite. It will provide |
| | with all the |
| | |
| | |

3. Functional Requirement unique mename & pannorde 20 Book management - Add, update or delete book records Issue, Return & Rememal — True books to members 4

update book status.

4. Search and catalog management — Advanced reach fitter

and liegurand—based reach.

5. Fine & Penalty — automatically calculate fines for owndue

books. 8. Padiminary shedule and Budget 4. Interface Requirement strange topland The yestern should support integration with baruade unanners and receipt printers.

Integration with backend databases like mysos. 5. Performance Requirement · The system should support large sucre.

| | Section and the section of the secti |
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| • | And response time for book wash operations should not exceed 2 me. |
| | exceed 2 m. |
| White o | tions at old at time must - nontraitered out |
| 6. | Deign Constraints |
| esole. | The nut must be developed using a three-tien |
| 4 % | the a standardized coding concention |
| | THE MENT STORY STORY |
| 7. r | Von - Junitional attributu |
| 1 Lillia | count and catalog management - administ seam |
| • 5 | ewrity - data encruption for remitive into |
| · a | urilability - The water should have 99.9% unti |
| whome an | mintainability - madular rade deign las ray |
| 0 | ewrity - data encryption for remitive info. uailability - The system should have 99.9% uptime pointainability - Modular rode design for easy updates. |
| 8. Ps | reliminary Schedule and Budget |
| B | udgit estimate tourneringer enforter + |
| • 1 De | sting: \$ 10,000 |
| · Te | sting: \$ 10,000 |
| · Ha | individue & colleges of the and |
| ·m | iscellameous \$5,000 tranque blead another of |
| | Lostoiro taine I monte val |
| To | tal estimated kydnet of the account |
| | Hal estimated budget: 480,000 |
| | o someoned again walling . |
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| | 5 Personnance Requirements |



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