

## Library Management System Project Overview

### Page Properties

|                  |                                         |
|------------------|-----------------------------------------|
| Target release   | Type // to add a target release date    |
| Epic             | Type /Jira to add Jira epics and issues |
| Document status  | DRAFT                                   |
| Document owner   | @ mention owner                         |
| Designer         | @ designer                              |
| Tech <u>lead</u> | @ lead                                  |



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The objective of the Library Management System is to digitize library operations, improve book search and reservation efficiency, and provide real-time tracking of borrowed books using Jira-Confluence integration.

List project goals and the metrics you'll use to judge its success.

| Goal                                  | Metric                                        |
|---------------------------------------|-----------------------------------------------|
| Improve library operations efficiency | Percentage of completed Jira tasks per sprint |
|                                       |                                               |



Requirements

| Requirement                   | User Story                                                                                       | Importance | Jira Issue                                | Notes        |
|-------------------------------|--------------------------------------------------------------------------------------------------|------------|-------------------------------------------|--------------|
| Book search functionality     | As a user, I want to search books by title or author so that I can quickly find available books. | HIGH       | /jira → Develop book search functionality | Core feature |
| User login and authentication | As a user, I want to log in securely so that my account and borrowing history are protected.     | HIGH       | /jira → Create user login page            | Security     |



|                         |                                                                                     |        |                                                        |                   |
|-------------------------|-------------------------------------------------------------------------------------|--------|--------------------------------------------------------|-------------------|
| Online book reservation | As a user, I want to reserve books online so that I can borrow them later.          | MEDIUM | /jira →<br>Implement<br>book<br>reservation feature    | Sprint<br>feature |
| Overdue notifications   | As a user, I want to receive reminders for overdue books so that I avoid penalties. | MEDIUM | /jira →<br>Enable<br>overdue<br>email<br>notifications | Automation        |
| Report generation       | As an admin, I want to generate reports so that I can track library usage.          | MEDIUM | /jira →<br>Generate<br>monthly                         | Admin<br>feature  |