Library Book Management

Introduction

This document describes the Library Book Management sprint task. It focuses on schema definition, conditions, CRUD operations, and error handling using MongoDB for managing library books.

Objective

Schema + Conditions + CRUD + Error Handling

MongoDB Collection

Database: libraryDB
Collection: books

Schema Requirements

Field	Type
title	String
author	String
category	String
publishedYear	Number
availableCopies	Number

1 Insert minimum 7 books

2 Read
All books
Books by category
Books after year 2015

3 Update
Increase / decrease copies
Change category

4 Delete
Remove book if copies = 0

Error Handling Required

Book not found
Invalid update
Negative stock prevention

Conclusion

The Library Book Management sprint task ensures proper handling of library data by defining a clear schema, implementing CRUD operations, and applying error handling rules. This helps maintain accurate records and prevents invalid operations in the system.