



Book Store Management System

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1. Introduction

- ▶ The Book Store Management System Project has been developed on Angular, Java Spring Boot and Mysql. The Book Store Management System major project is an application which is based on managing the Book and sell the Book online. This application is very simple and impressive. The main objective behind this Angular application Book Store Management System is to provide all the details about Book, Book Type. There is a single role user i.e. admin in this project who can manage all the activity. Admin can manage Book, Book Type, Bill and also managed the sells details. This project is very helpful for maintaining the sales activity in Book because it is very complex task to manage the daily sales manually. In this project admin can see the details of Book, Book Type etc. Only Admin can edit or delete the details of the Book.

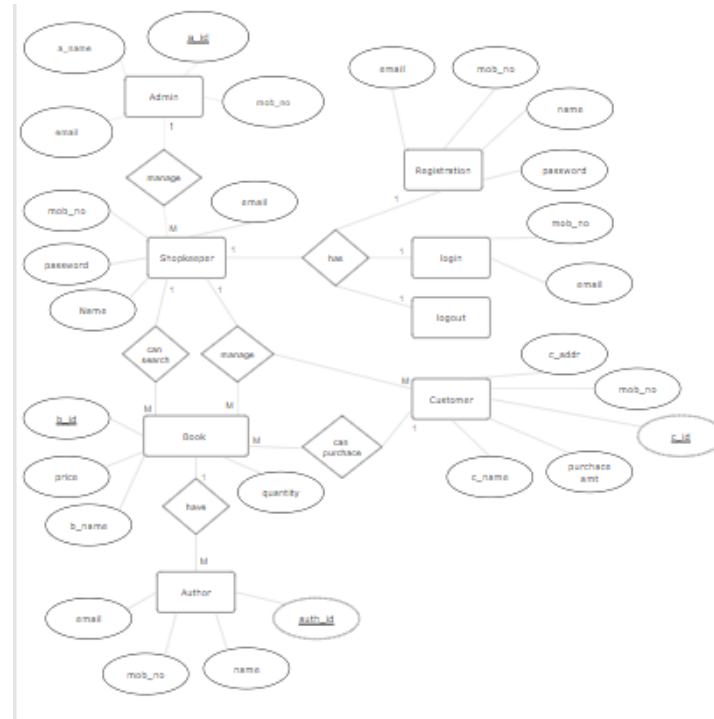
2. Objectives

- ▶ The main objective for developing this Java Spring Boot Project on Book Store Management System is to provide interface to the manage Book, Book Type, Customer details.
- ▶ The bookstore management system will help in maintaining the details of the books available, customers details, details of the books given on rent, sales record, employee's details and many other details can be mentioned in this application.

3. List Of Modules

- ▶ Login For Admin
- ▶ Change Password For Admin
- ▶ Logout Functionality
- ▶ Dashboard for Admin User
- ▶ Manage Book
- ▶ Manage Book Type
- ▶ Manage Sales of Book
- ▶ Reports of the project Book Store Management System

Database Diagram: ER Diagram



4. Proposed Work: Technologies/Languages

- ▶ **HTML:** Page layout has been designed in HTML
- ▶ **CSS:** CSS has been used for all the designing part
- ▶ **JavaScript:** All the validation task and animations has been developed by JavaScript
- ▶ **Java Spring Boot:** All the business and backend API logic has been implemented in Java Spring Boot
- ▶ **MySQL:** MySQL database has been used as database for the project
- ▶ **Angular:** All the frontend logic has been implemented over the Angular and we used angular CLI for it
- ▶ **Visual Studio Code:** For Angular IDE, we have used Visual Studio Code
- ▶ **STS:** We have used STS (Spring Tool Suite) for developing all spring boot API's
- ▶ **Tomcat:** Project will be run over the Tomcat server

Supported Operating System

- ▶ **Windows:** This project can easily be configured on windows operating system. For running this project on Windows system, you will have to install WAMP or XAMP on your system.
- ▶ **Linux:** We can run this project also on all versions of Linux operating system
- ▶ **Mac:** We can also easily configured this project on Mac operating system.