

# SPRING MVC PROJECT LIST

## ONLINE BOOKSTORE MANAGEMENT SYSTEM:

Description: This system enables users to browse a virtual bookstore, search for books, view details, add them to a shopping cart, and proceed with the checkout process. It includes user authentication, order history, and an admin panel for managing the book catalogue.

**Technical Skills:** Spring MVC, JSP, Hibernate, MySQL, HTML/CSS, Bootstrap.

## EMPLOYEE MANAGEMENT SYSTEM:

Description: An HR management system that allows administrators to add, update, and delete employee records. The system includes role-based access control, ensuring that only authorised personnel can view or modify certain information.

**Technical Skills:** Spring MVC, JSP, Hibernate, MySQL..

## HOSPITAL APPOINTMENT SYSTEM:

Description: This system facilitates the scheduling of appointments in a hospital. Patients can register, view doctor availability, and book appointments. The system also sends notifications for upcoming appointments and allows for cancellations.

**Technical Skills:** Spring MVC, JSP, Hibernate, MySQL, js

## E-LEARNING PLATFORM

Description: An interactive platform for both instructors and students. Instructors can create courses, upload materials, and track student progress. Students can enroll in courses, access learning materials, and view their course completion status.

**Technical Skills:** Spring MVC, JSP, Hibernate, MySQL, Spring Data JPA.

## INVENTORY MANAGEMENT SYSTEM:

Description: This system helps businesses keep track of their inventory. It includes features for adding products, updating stock levels, and processing orders. The admin panel provides insights into product popularity and stock status.

**Technical Skills:** Spring MVC, JSP, Hibernate, MySQL, Spring Boot.

## **EVENT MANAGEMENT SYSTEM**

Description: An all-in-one platform for event organisers. Users can create events, manage registrations, and view attendance metrics. The system also generates QR codes for event check-ins and supports different event types.

Technical Skills: Spring MVC, JSP, Hibernate, MySQL.

## **SOCIAL MEDIA DASHBOARD**

Description: A centralised dashboard for managing multiple social media accounts. Users can schedule posts, track engagement metrics, and view feeds from different platforms, all from one place.

**Technical Skills:** Spring MVC, JSP, Hibernate, MySQL.

## **Fitness Tracking Application**

Description: A fitness app that allows users to log their workouts, set fitness goals, and track their progress over time. The application may include features like workout suggestions and visualisations of fitness metrics.

**Technical Skills:** Spring MVC, JSP, Hibernate, MySQL.

## **PROPERTY RENTAL SYSTEM:**

Description: A platform for listing and renting properties. Users can search for available properties, view details, and submit rental applications. The system integrates with Google Maps for location visualisation.

**Technical Skills:** Spring MVC, JSP, Hibernate, MySQL, Google Maps API integration.

## **TASK MANAGEMENT SYSTEM:**

Description: An organisational tool for managing tasks and projects. Users can create tasks, assign them to team members, set due dates, and track progress. The system also supports real-time collaboration through WebSocket.

**Technical Skills:** Spring MVC, JSP, Hibernate, MySQL, WebSocket for real-time updates.

## **ONLINE QUIZ PLATFORM**

Description: A platform for creating and taking quizzes. Instructors can create quizzes, manage questions, and view results. Students can take quizzes, receive immediate feedback, and review their quiz history.

**Technical Skills:** Spring MVC, JSP, Hibernate, MySQL,

## **JOB PORTAL**

Description: A job portal where job seekers can search for job listings, submit applications, and build profiles. Employers can post job openings, review applications, and manage the hiring process.

**Technical Skills:** Spring MVC, JSP, Hibernate, MySQL,

## **CHAT APPLICATION**

Description: A real-time chat application that allows users to create accounts, join chat rooms, and engage in private or group conversations. The system supports real-time updates using WebSocket.

**Technical Skills:** Spring MVC, JSP, Hibernate, MySQL, WebSocket.

## **EXPENSE TRACKER**

Description: A personal finance tool for tracking expenses. Users can log expenses, categorise them, set budgets, and generate reports to visualise their spending habits over time.

**Technical Skills:** Spring MVC, JSP, Hibernate, MySQL, Chart.js for visualisation.

## **ONLINE TICKET BOOKING SYSTEM**

The main objective of the Java Project on the Bus Booking System is to manage the details of Operators, Customers, and Ticket Booking.

It manages all the information about Bus Ticket Booking. The project is totally built at the administrative end and thus only the administrator is guaranteed access.

The purpose of the project is to build a bus ticketing application program to reduce the manual work of managing the Operators, buses, and Customers.

**Technical Skills:** Spring MVC, JSP, Hibernate, MySQL