Requirement Specification Document

# 1. Introduction

The Online Bookstore Application is a digital platform where users can search for books, view detailed information, add selected books to their shopping cart, and complete purchases through a secure checkout process. The system aims to provide a fast, reliable, and user-friendly experience to book lovers.

# 2. Functional Requirements

The system must provide the following features:

**1. Book Search:** Users should be able to search books by title, author, ISBN, or category. **2. View Book Details:** Users should be able to view details of a book including title, author, price, and description. **3. Shopping Cart:** Users can add books to a cart, remove them, and view the total price. **4. Checkout:** Users can place an order and complete payment securely.

# 3. Non-Functional Requirements

The system should meet the following quality requirements:

**1. Fast Search:** Search results must be displayed within 2 seconds. **2. Secure Payment:** Payments must be encrypted and processed securely. **3. Responsive Design:** The application should work seamlessly across desktop, tablet, and mobile devices.

# 4. Deliverables

A written 'Requirement Specification Document' that defines both functional and non-functional requirements for the Online Bookstore Application. This document serves as the foundation for the design and implementation phases of the project.