## **Use Cases: Book Store application**

## 1. Search for Books by Title:

- Primary Actor: Customer
- Goal: To find detailed information about a book using its title.
- Steps:
  - 1. Customer enters the book title.
  - 2. The system searches the local database.
  - 3. If found, the system displays book details.
  - 4. If not found, the system searches external catalogs and displays information if available.

### 2. Search for Books by Author:

- Primary Actor: Customer
- **Goal:** To find detailed information about books by a specific author.
- Steps:
  - 1. Customer enters the author's name.
  - 2. The system searches the local database.
  - 3. If found, the system displays book details.
  - 4. If not found, the system searches external catalogs and displays information if available.

# 3. **Display Book Details:**

- Primary Actor: Customer
- Goal: To view detailed information about a specific book.
- Steps:
  - 1. Customer enters the book title or author.
  - 2. The system searches and displays detailed information if the book is found.

## 4. Buy a Book:

- **Primary Actor:** Customer
- Goal: To purchase a book if it is in stock.
- Steps:
  - 1. Customer enters the book title or author.
  - 2. The system checks availability in the local database.
  - 3. If available, the system processes the purchase.

### 5. Place an Order for Out-of-Stock Book:

- Primary Actor: Customer
- **Goal:** To place an order for a book that is currently out of stock.
- Steps:
  - 1. Customer enters the book title or author.
  - 2. The system checks availability in the local database.
  - 3. If not available, the system prompts the user to place an order.

### 6. Search by Publisher:

- Primary Actor: Customer
- **Goal:** To find books from a specific publisher.
- Steps:
  - 1. Customer enters the publisher's name.
  - 2. The system searches external catalogs for books from the specified publisher.

These use cases cover the main functionalities of the Book Store application.