**Scenario – Smart Book Store System**

The Smart Book Store System is designed to manage the operations of a modern bookstore that sells books through physical branches. The system manages book information, authors, categories, inventory, employees, customers, sales, reviews, and related operations.

- Books are the main products sold in the store. Each book has a unique ID, ISBN, title, price, and publish date.

- Each Book can be written by one or more Authors, and each Author can write multiple books (Many-to-Many relationship).

- Each Book can belong to one or more Categories (e.g., Fiction, Science, Self-help). Categories help organize books for customers.

- The store operates multiple Branches. Each branch has its own name, address, and is managed by an Employee.

- Employees work in branches, and each employee may have a role (e.g., cashier, sales assistant, manager).

- Inventory records which books are available in which branches and in what quantity.

- Customers can purchase books. The system stores customer details (name, email, phone).

- Sales are recorded for each purchase. A sale is linked to the customer who made it and the employee who processed it, the branch where it occurred, and the type of customer at the time of the sale (e.g., online or in-store).

- A Sale contains one or more Sale Lines, each representing a specific book sold, quantity, and unit price.

- Customers can leave Reviews for books they have purchased, including a rating and a comment.