

# Bookstore assignment

## 1. Basic Component For book Store

1. There will be a book Store.
2. A book store can have multiple books.
3. There will be an Owner.
4. Many staff will also be connected with the book shop.
5. Book Store will have customer also.

## 2. Full scale Requirement:-

1. Guest user can Search( Auther, title, ISBN)(Code against interface) the books.
2. Guest user can view the Post about the book.
3. Guest User can register.
4. Customer can login/logout.
5. Customer can update profile.
6. Customer can change the password.
7. Customer can Search the book.
8. Customer can view the post.
9. Customer can make order the books.
  - a. Add to cart.
  - b. Make Payment.
    - a. Apply Coupon.
  - c. Send Notification
  - d. If the count become 0 send a mail to the owner and staff.
10. Customer can view the Order.
11. Customer can make a post/feedback.
12. Customer can cancel the order.
  - a. Change the status of book (make avail for others).
  - b. Send notification
  - c. Proceed refund
13. Owner can login/logout.
14. Owner can add or remove staff.
15. Staff can login/logout.
16. Staff can view the customer.

17. Staff can add/remove the customer.
18. Staff can cancel the order.
19. Staff can see the order.
20. Staff can make a order on behalf of the Customer.
21. Staff can add or remove books.

### 3. Shortlist the requirement

1. Guest user can Search ( Author, title, ISBN)(Code against interface) the books.
2. Guest user can view the **Post** about the **book**.
3. **Customer** can Search the book.
4. Customer can view the post.
5. Customer can make **order** the book.(As per the requirement I consider direct order. User can make order for single book).
  - a. Send mail/**notification** to the owner and staff if the count is zero.
6. **Staff** can add the book.

### 4. Use Case Diagram (In the PDF).

### 5. Entities/Nouns- Customer, Post, Book, Order, Notification.

### 6. Code against Interface – Search,Person(Customer,staff).

### 7. Class Diagram (In the PDF).